

**This electronic collection of documents is provided
for the convenience of the user
and is Not a Certified Document –**

**The documents contained herein were originally issued
and sealed by the individuals whose names and license
numbers appear on each page, on the dates appearing
with their signature on that page.**

**This file or an individual page
shall not be considered a certified document.**

PROJECT: U-5925



CONTRACT: DF00188

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLANS
ROBESON COUNTY

**LOCATION: SR 1340 (NORTH ODUM STREET /PROSPECT ROAD), FROM
NC 711 (THIRD STREET) TO SR 1566 (CORNITH ROAD)**

PAVEMENT MARKING PLANS

PROJECT REFERENCE NO. U-5925	SHEET NO. PMP-1
APPROVED: <i>Timothy R. Reid</i> DocuSigned by: TIMOTHY R. REID 2055442683411	
DATE: 11/29/2017	
SEAL 	
 moffatt & nichol 4700 FALLS OF NEUSE ROAD, SUITE 300 RALEIGH, NORTH CAROLINA 27609 (919) 781-4826 VOICE (919) 781-4869 FAX NC License NO.: F-0105	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN 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 MULTI-LANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205D06 1 OF 3	PAVEMENT MARKINGS - LANE DROPS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205D08 3 OF 8	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
1253.01	RAISED PAVEMENT MARKERS - SNOWPOWABLE CROSSWALK PAVEMENT MARKING: GUIDANCE DETAIL

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- (SR 1340)	THERMOPLASTIC	SNOWPOWABLE
-Y1- (S ODUM ST)	THERMOPLASTIC	SNOWPOWABLE
-Y2- (NC 711)	THERMOPLASTIC	SNOWPOWABLE
-Y5- (SR 1566)	THERMOPLASTIC	SNOWPOWABLE
-Y6- (SR 1340)	THERMOPLASTIC	SNOWPOWABLE
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE / REPLACE ANY CONFLICTING / DAMAGED PAVEMENT MARKINGS AND MARKERS THAT HAVE BEEN DAMAGED BY THE END OF EACH DAY'S OPERATION.
- D) PASSING ZONES WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.
- E) STOP BAR LOCATIONS 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 STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS. IF HEATED IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE EXTRUDED THERMOPLASTIC PAY ITEM.

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN COVER SHEET
PMP-2A	PAVEMENT MARKING LEGEND & SCHEDULE
PMP-2B THRU PMP-2D	REVISED STANDARDS & DETAILS
PMP-3 THRU PMP-7	PAVEMENT MARKING DETAILS

PLAN REVIEWED BY: NCDOT SIGNING AND DELINEATION UNIT

SIGNING & DELINEATION REGIONAL ENGINEER

SIGNING & DELINEATION PROJECT DESIGN ENGINEER

PLAN PREPARED BY: MOFFATT & NICHOL

TIM REID, PE PROJECT ENGINEER




TRENT HUFFMAN, PE PROJECT DESIGN

FINAL PAVEMENT MARKING SCHEDULE

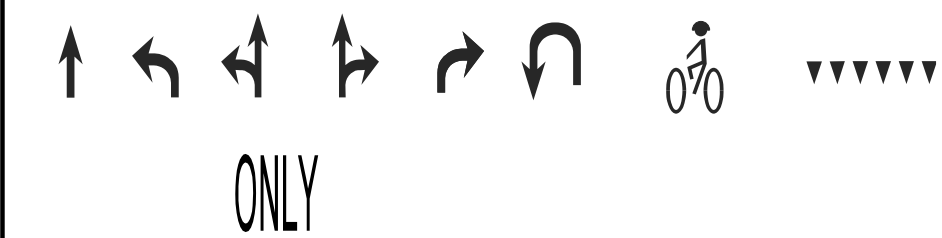
MATERIAL	SYMBOL	DESCRIPTION
<u>THERMOPLASTIC (4", 90 MILS)</u>		
	TA	WHITE EDGE LINE
	TB	YELLOW EDGE LINE
<u>THERMOPLASTIC (4", 120 MILS)</u>		
	T8	WHITE MINI SKIP (2'/6')
	T9	YELLOW MINI SKIP (2'/6')
	TD	WHITE MINI SKIP (3'/9')
	TE	WHITE SOLID LANE LINE
	TI	YELLOW DOUBLE CENTER
	TW	YELLOW HEATED-IN-PLACE
<u>THERMOPLASTIC (8", 90 MILS)</u>		
	TN	WHITE GORELINE
	TO	WHITE DIAGONAL
	TP	YELLOW DIAGONAL
<u>THERMOPLASTIC (8", 120 MILS)</u>		
	T13	WHITE MINI SKIP (3'/9')
	T17	WHITE MINI SKIP (3'/3')
	TQ	WHITE CROSSWALK LINE
	TR	WHITE SOILD LANE LINE
<u>THERMOPLASTIC (16", 120 MILS)</u>		
	T1	WHITE LINE, RR X
<u>THERMOPLASTIC (24", 120 MILS)</u>		
	T2	WHITE STOP BAR
	T3	WHITE CROSSWALK LINE
<u>THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)</u>		
	UA	LEFT TURN ARROW
	UB	RIGHT TURN ARROW
	UC	STRAIGHT ARROW
	UD	COMBO. LEFT/STRAIGHT ARROW
	UE	COMBO. RIGHT/STRAIGHT ARROW
	UN	24" YIELD LINE TRIANGLE
	UT	U-TURN ARROW
<u>THERMOPLASTIC PAVEMENT MARKING SYMBOLS (120 MILS)</u>		
	UI	ALPHA NUMERIC CHARACTER
<u>HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)</u>		
	UJ	BICYCLE SYMBOL
	UK	BICYCLE STRAIGHT ARROW

LEGEND

GENERAL

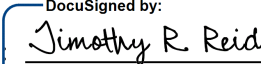
-  DIRECTION OF TRAFFIC FLOW
-  PAVEMENT
-  NORTH ARROW

PAVEMENT MARKING SYMBOLS

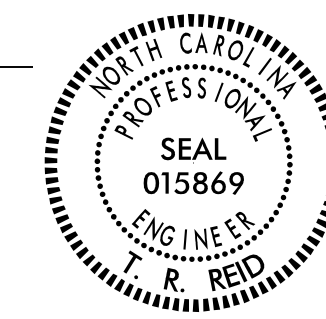


11/29/2017 02:18:52 PM \\CADD\U5925\Traf\fic\pmp\U5925_PMP-2.dgn thuffman

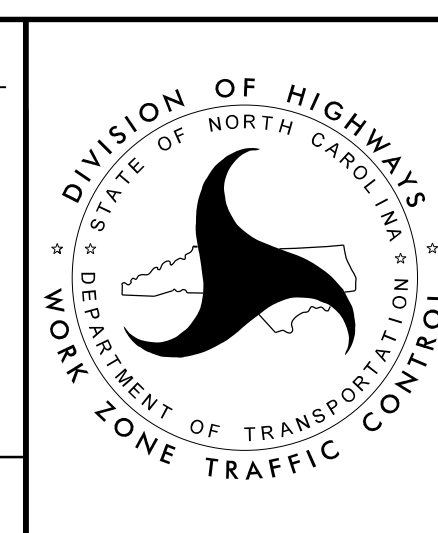


APPROVED  05589A242E83411

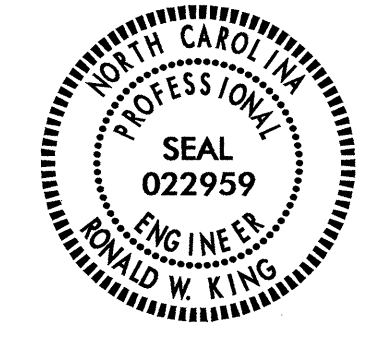
DATE: 11/29/2017

SEAL 

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



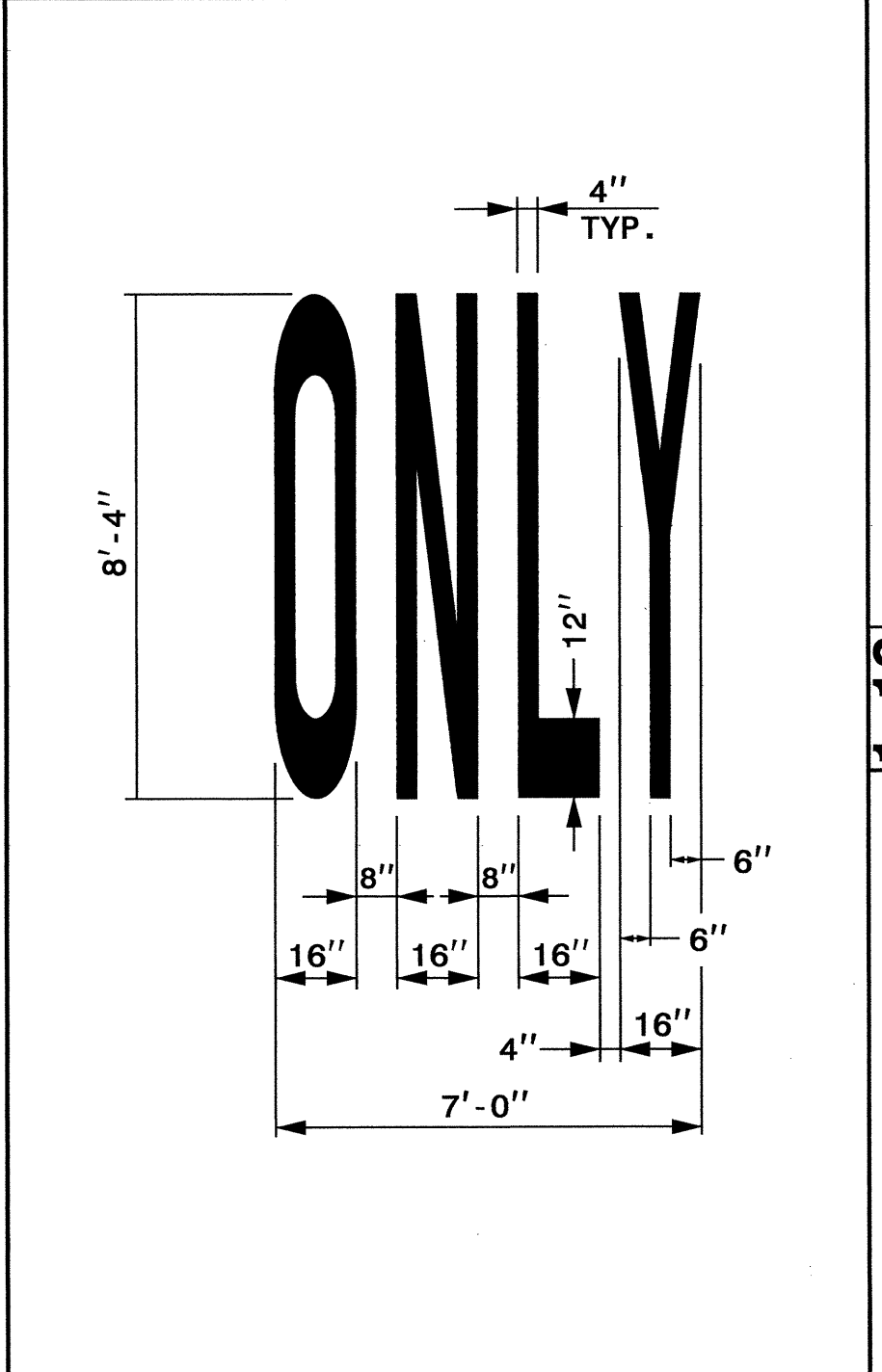
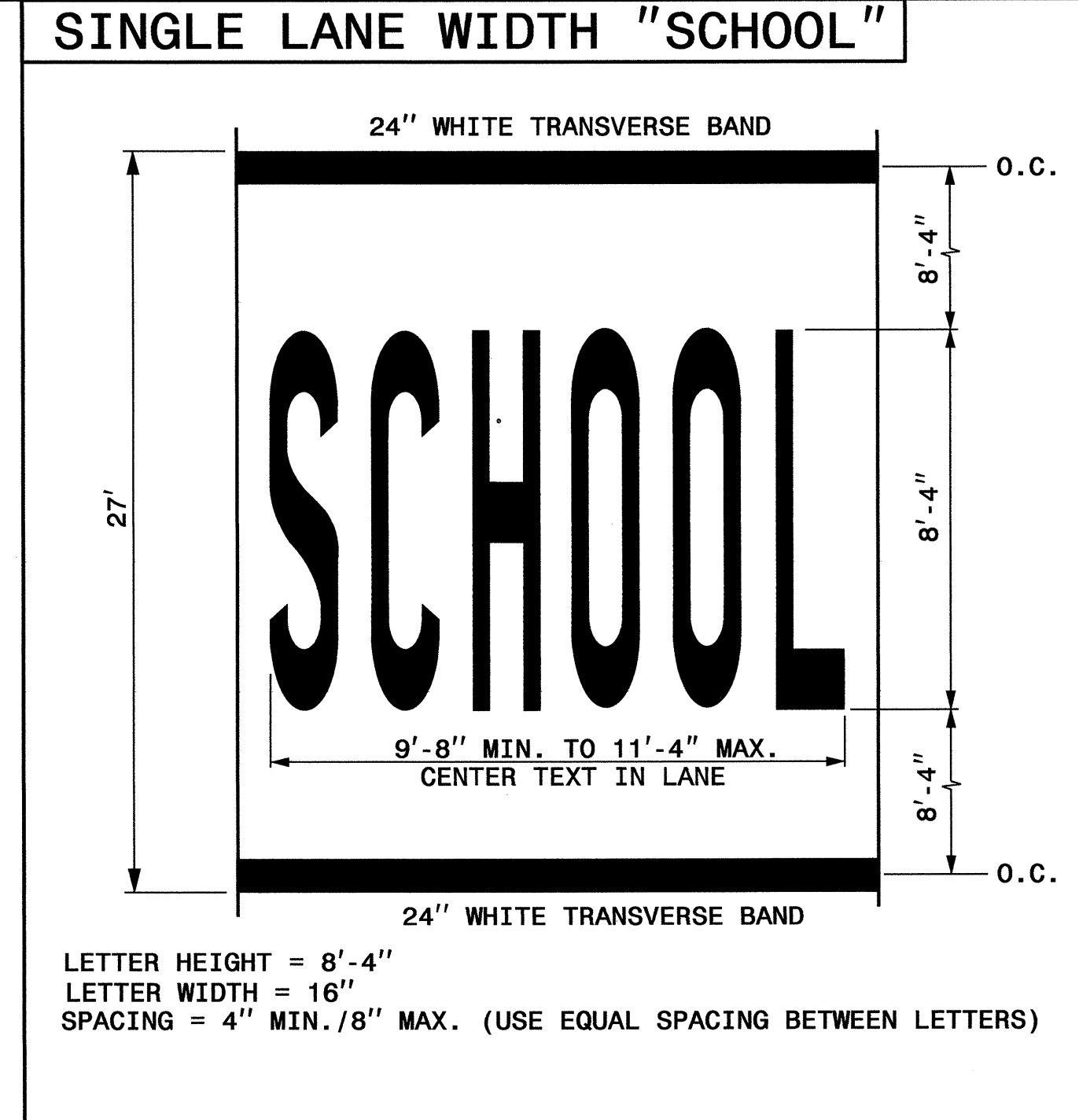
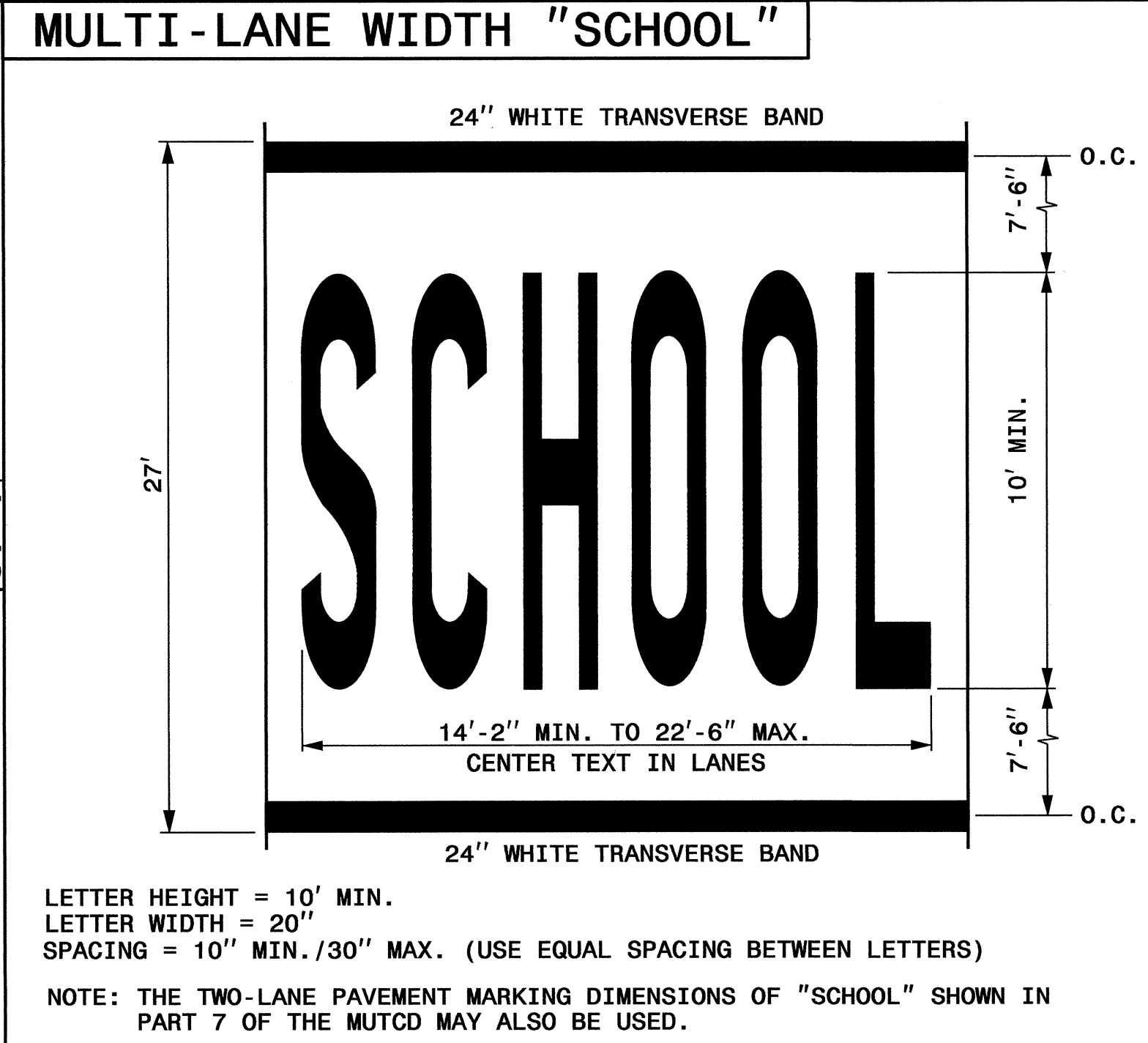
FINAL PAVEMENT MARKING PLANS

TIP NO. U-5925	SHEET NO. PMP-2C
APPROVED: <i>RWF</i>	
DATE: 3/8/12	
SEAL	
	

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

ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
 SYMBOLS AND WORD MESSAGES

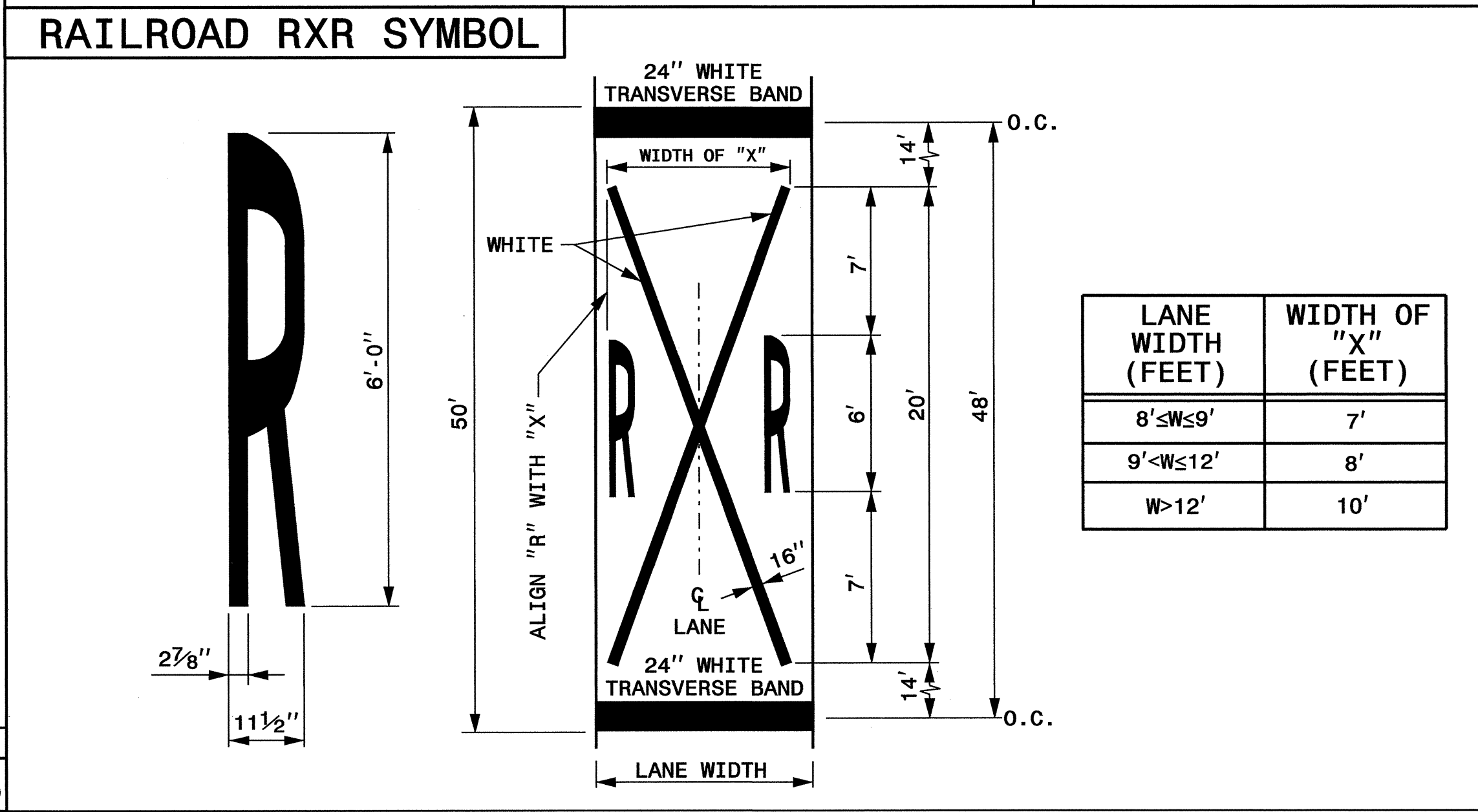
SHEET 3 OF 8
1205D08



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

ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
 SYMBOLS AND WORD MESSAGES

SHEET 3 OF 8
1205D08



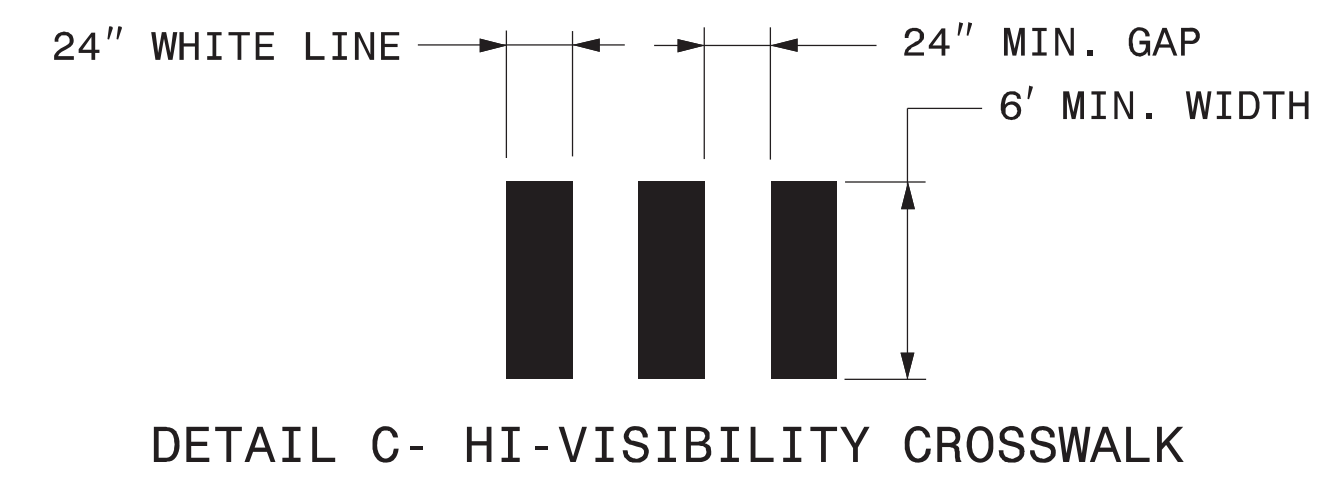
GENERAL NOTES:

- 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.

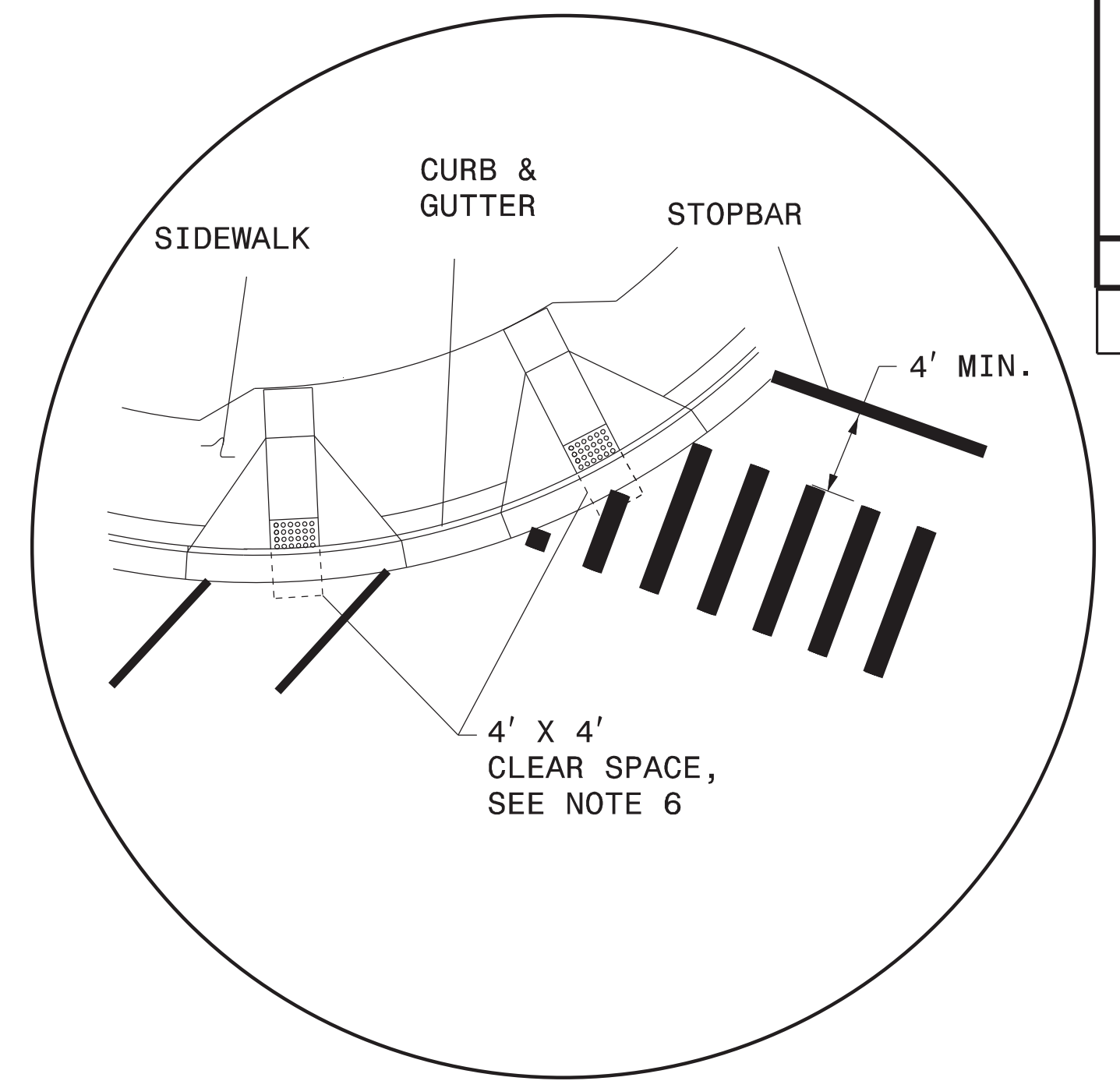
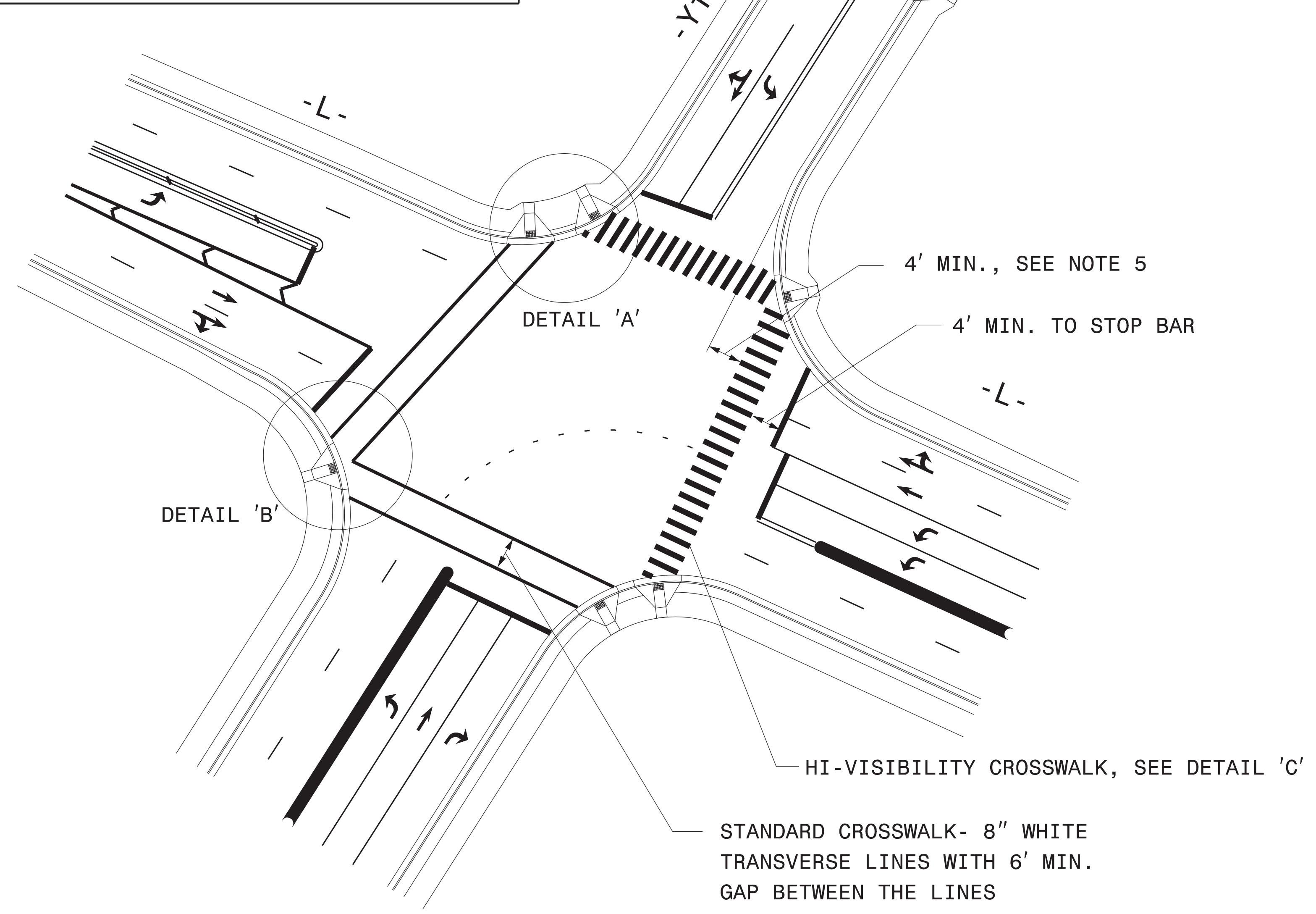
**REVISED PAVEMENT MARKING
ROADWAY STANDARD DRAWING**

08-MAR-2012 12:18
 S:\S&D\Standards_Group\NMP\2012 Standard Drawings\Standard Dwas 8-17-11\Revised\12050803_Rev12 9-14-11_Scaled.dgn
 distokes AT 12244745

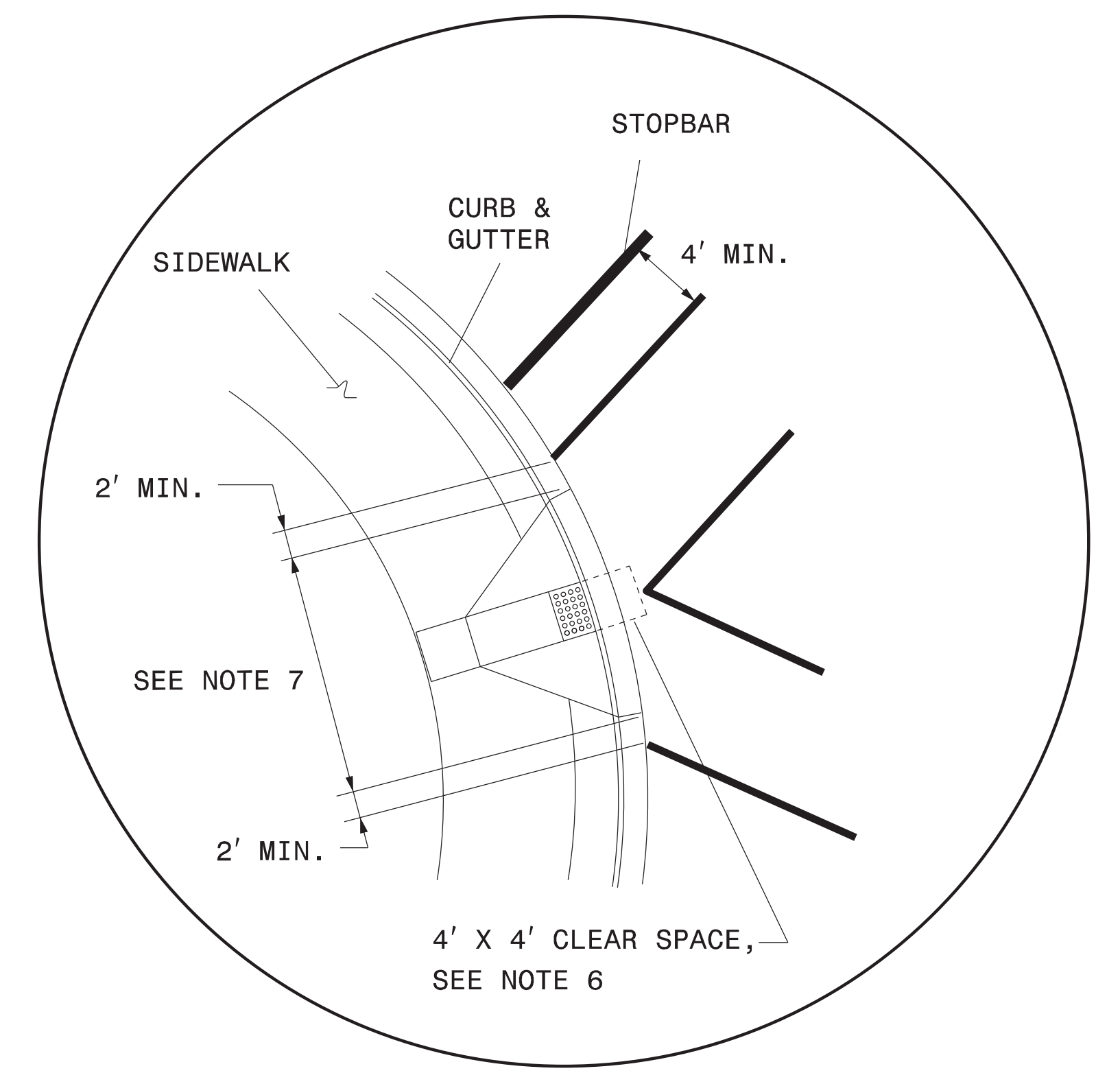
TIP NO. U-5925	SHEET NO. PMP-2D
Designed by: PMP-2D	
APPROVED: <i>Ron King</i>	
DATE: 8/10/2016	
SEAL	
REVISIONS	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



UNLESS OTHERWISE SPECIFIED, HI-VISIBILITY CROSSWALK MARKINGS SHOULD BE USED AT MID-BLOCK CROSSINGS, SEE DETAIL 'C'



DETAIL 'A'- DUAL CURB RAMPS



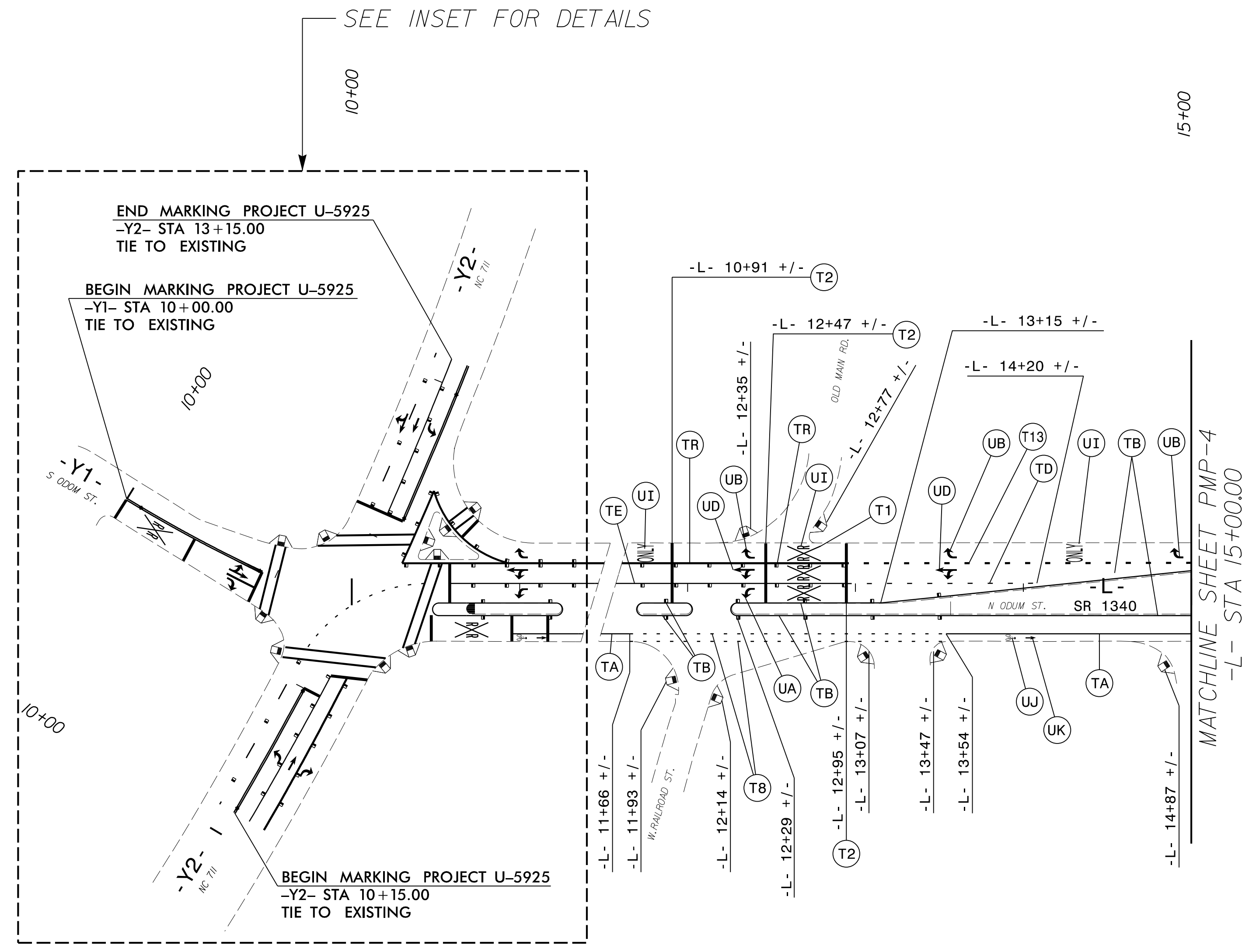
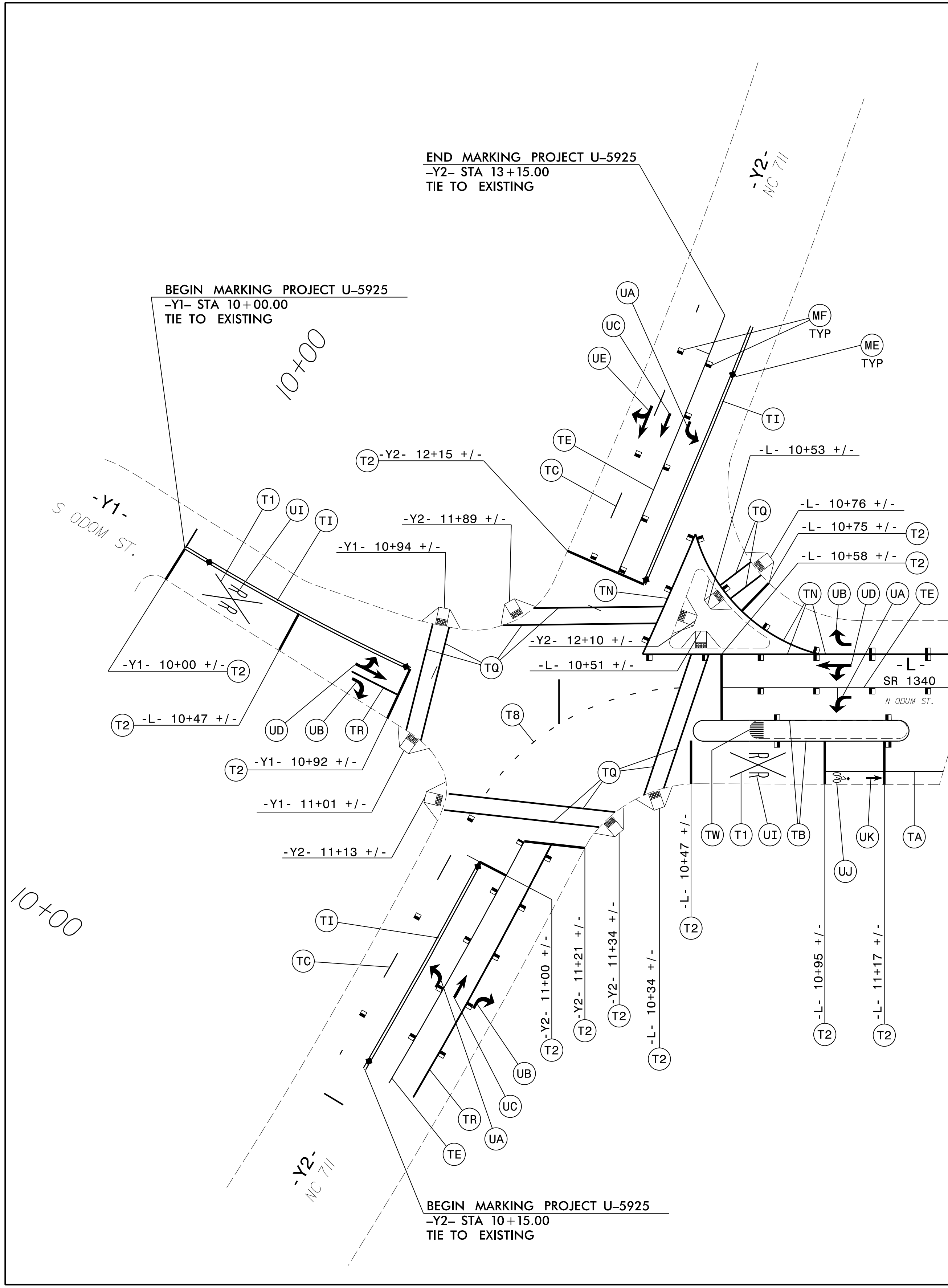
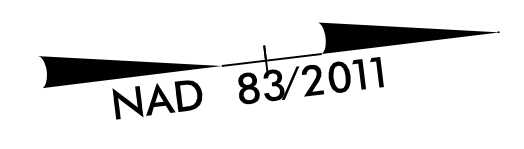
DETAIL 'B'- SINGLE DIAGONAL CURB RAMP

NOTES:

1. USE THE DETAILS ABOVE AND THE FOLLOWING NOTES FOR GUIDANCE IN PLACING CROSSWALK MARKINGS. REFER TO NCDOT ROADWAY STANDARD DRAWINGS, MUTCD AND ADA STANDARDS FOR ADDITIONAL GUIDANCE.
2. THE LOCATION AND TYPE OF CROSSWALK MARKINGS SHOWN ON THE ABOVE DETAILS ARE FOR REFERENCE ONLY. LOCATE CROSSWALK MARKINGS AS SHOWN ON THE PROJECT DETAIL SHEETS OR AS DIRECTED BY THE ENGINEER. THE CROSSWALK MARKING TYPE, STANDARD OR HI-VISIBILITY, SHALL BE INSTALLED AS SPECIFIED ON THE PROJECT DETAIL SHEETS OR AS DIRECTED BY THE ENGINEER.
3. THE STANDARD CROSSWALK IS TWO WHITE 8" TRANSVERSE LINES WITH A 6' MINIMUM GAP BETWEEN THE LINES. THE HI-VISIBILITY CROSSWALK IS WHITE 24" WIDE LONGITUDINAL LINES WITH 24" MINIMUM GAPS BETWEEN LINES, SEE DETAIL 'C'. HI-VISIBILITY CROSSWALKS SHOULD BE A MINIMUM OF 6' WIDE.
4. STOP BARS SHOULD BE PLACED A MINIMUM OF 4' IN ADVANCE OF NEAREST CROSSWALK LINE.
5. SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL IS 4' MIN.
6. BEYOND THE BOTTOM GRADE BREAK, A CLEAR SPACE OF 4' X 4' MINIMUM SHALL BE PROVIDED WITHIN THE MARKINGS.
7. SINGLE DIAGONAL CURB RAMPS WITH FLARED SIDES SHALL HAVE A SEGMENT OF CURB 2 FEET LONG MINIMUM LOCATED ON EACH SIDE OF THE CURB RAMP AND WITHIN THE MARKED CROSSING, SEE DETAIL 'B'.
8. CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE TO THE LATEST NCDOT ROADWAY STANDARD DRAWINGS.

CROSSWALK PAVEMENT MARKING GUIDANCE DETAIL

8/8/2016 Standards Group NEW Standards and Drawings\Crosswalk Guidance Detail\25-16.dgn

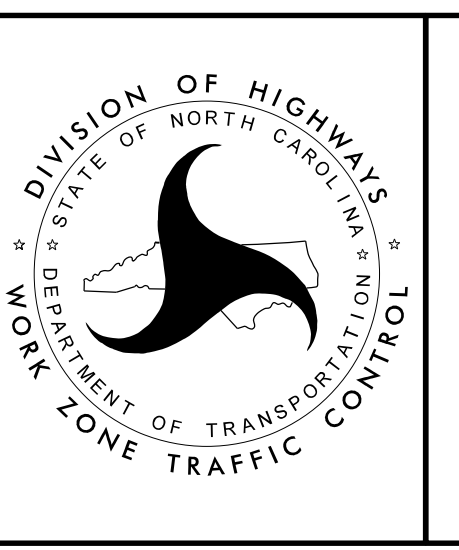


11/29/2017
 O:\RA\9292-01\CADD\U5925\T\offic\pmp\U5925_PMP-3.dgn
 thuffman

INSET

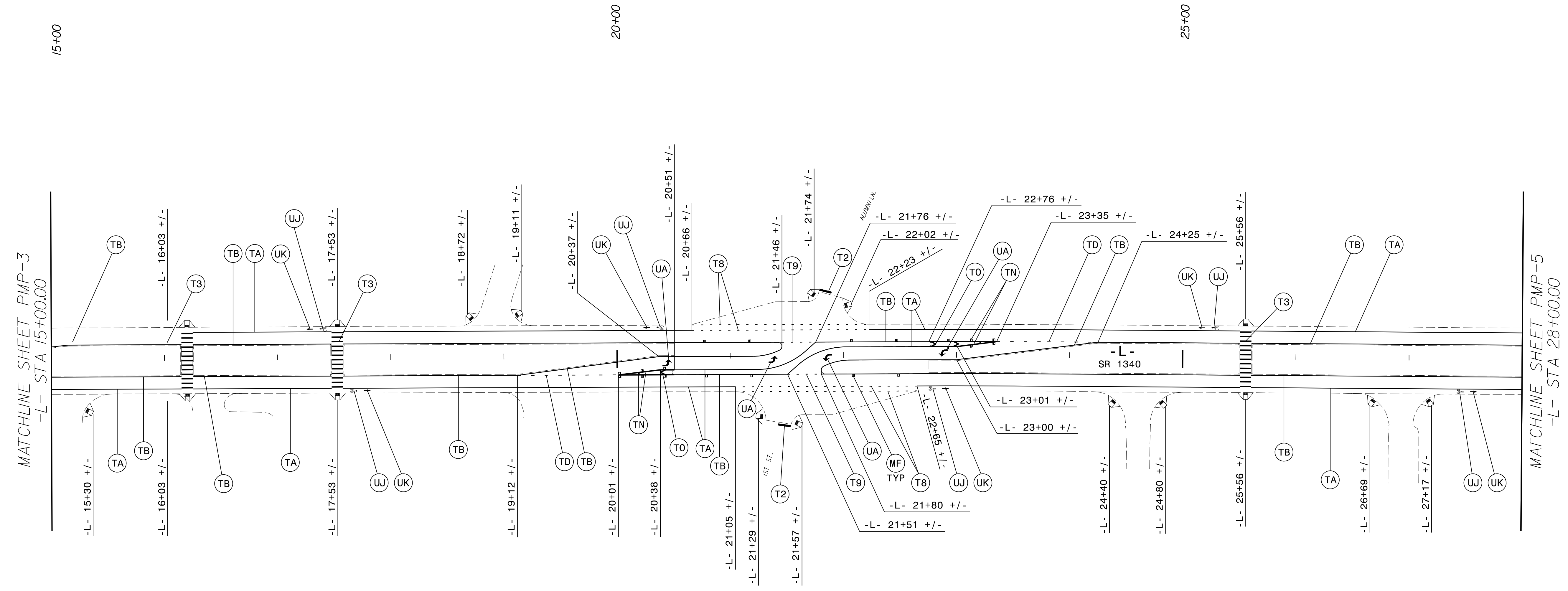
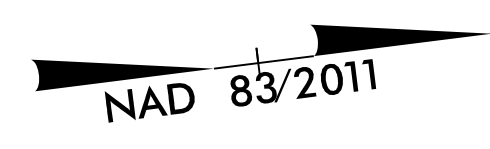
moffatt & nichol
 4700 FALLS OF NEUSE ROAD, SUITE 300
 RALEIGH, NORTH CAROLINA 27609
 (919) 781-4626 VOICE (919) 781-4869 FAX
 NC License NO.: F-0105

APPROVED: Timothy R. Reid
 DATE: 11/29/2017
 SEAL



FINAL PAVEMENT MARKING PLANS

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



11/29/2017
 O:\TRA\9292-01\CADD\U5925\T\of\ic\pmp\U5925_PMP-4.dgn
 thuffman

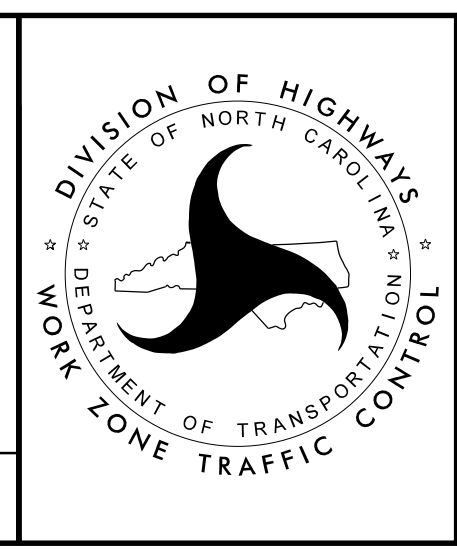
moffatt & nichol
 4700 FALLS OF NEUSE ROAD, SUITE 300
 RALEIGH, NORTH CAROLINA 27609
 (919) 781-4626 VOICE (919) 781-4869 FAX
 NC License NO.: F-0105

APPROVED: *Timothy R. Reid*
28560A242E83411

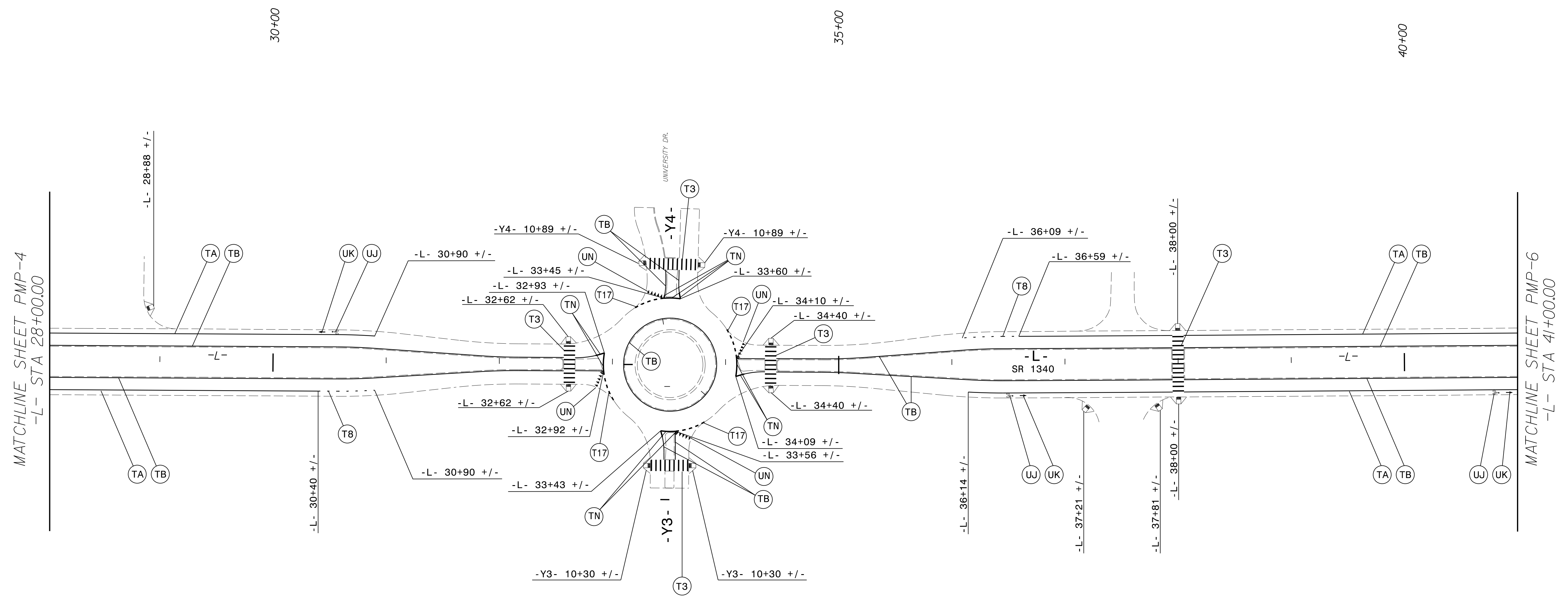
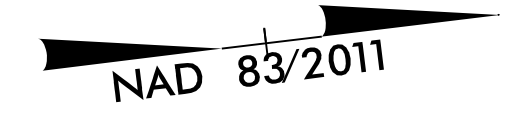
DATE: 11/29/2017

SEAL


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

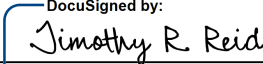



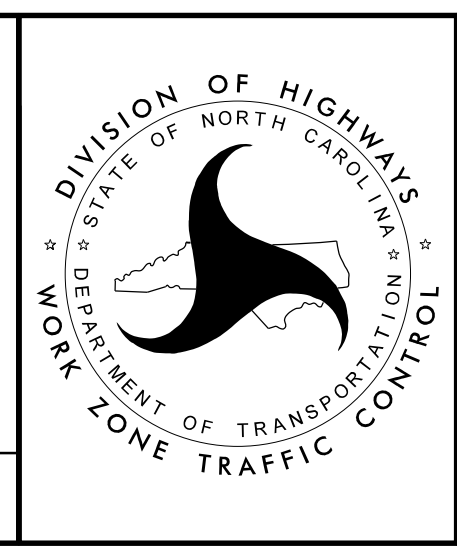
**FINAL PAVEMENT
 MARKING PLANS**



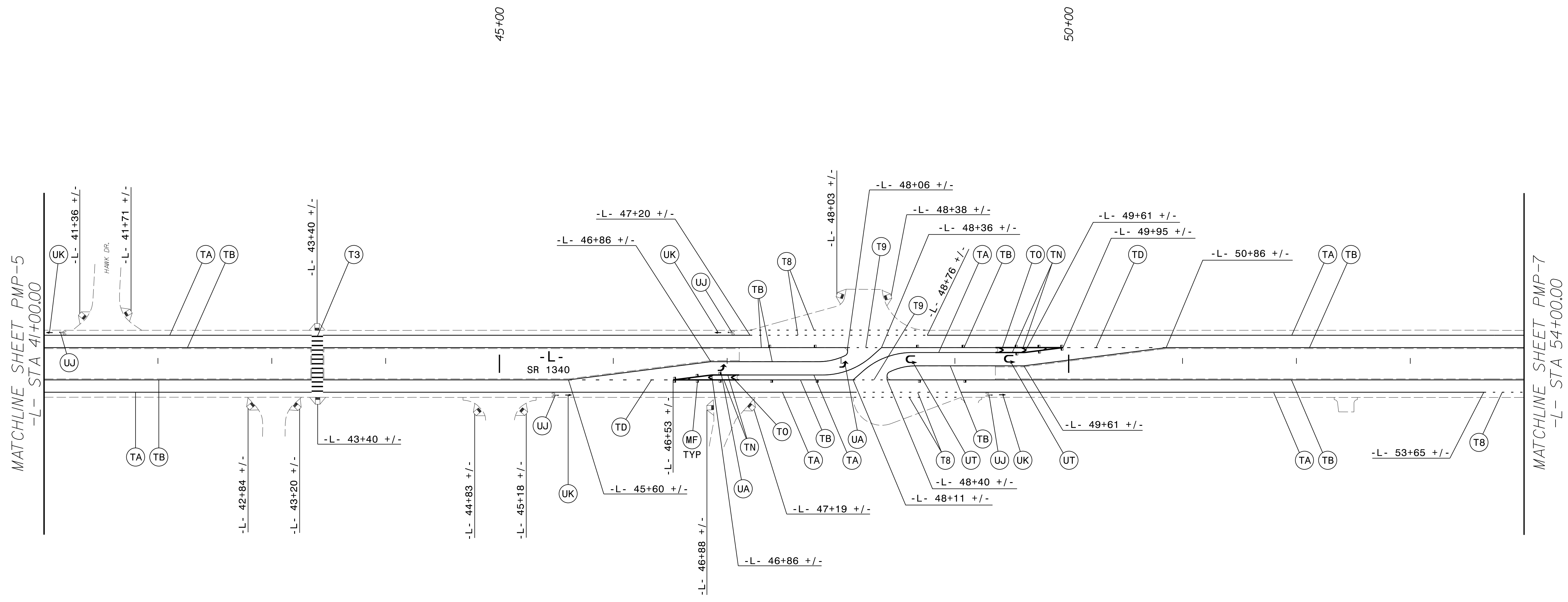
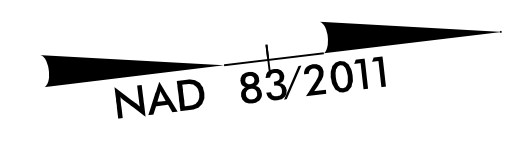
11/29/2017
 O:\RA\9292-01\CADD\U5925\Traf\fic\pmp\U5925_PMP-5.dgn
 thuffman


moffatt & nichol
 4700 FALLS OF NEUSE ROAD, SUITE 300
 RALEIGH, NORTH CAROLINA 27609
 (919) 781-4626 VOICE (919) 781-4869 FAX
 NC License NO.: F-0105


APPROVED: 
 DATE: 11/29/2017
 SEAL

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

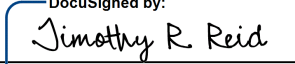



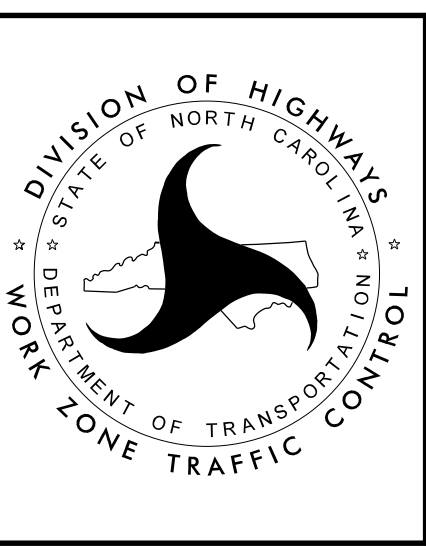
FINAL PAVEMENT MARKING PLANS



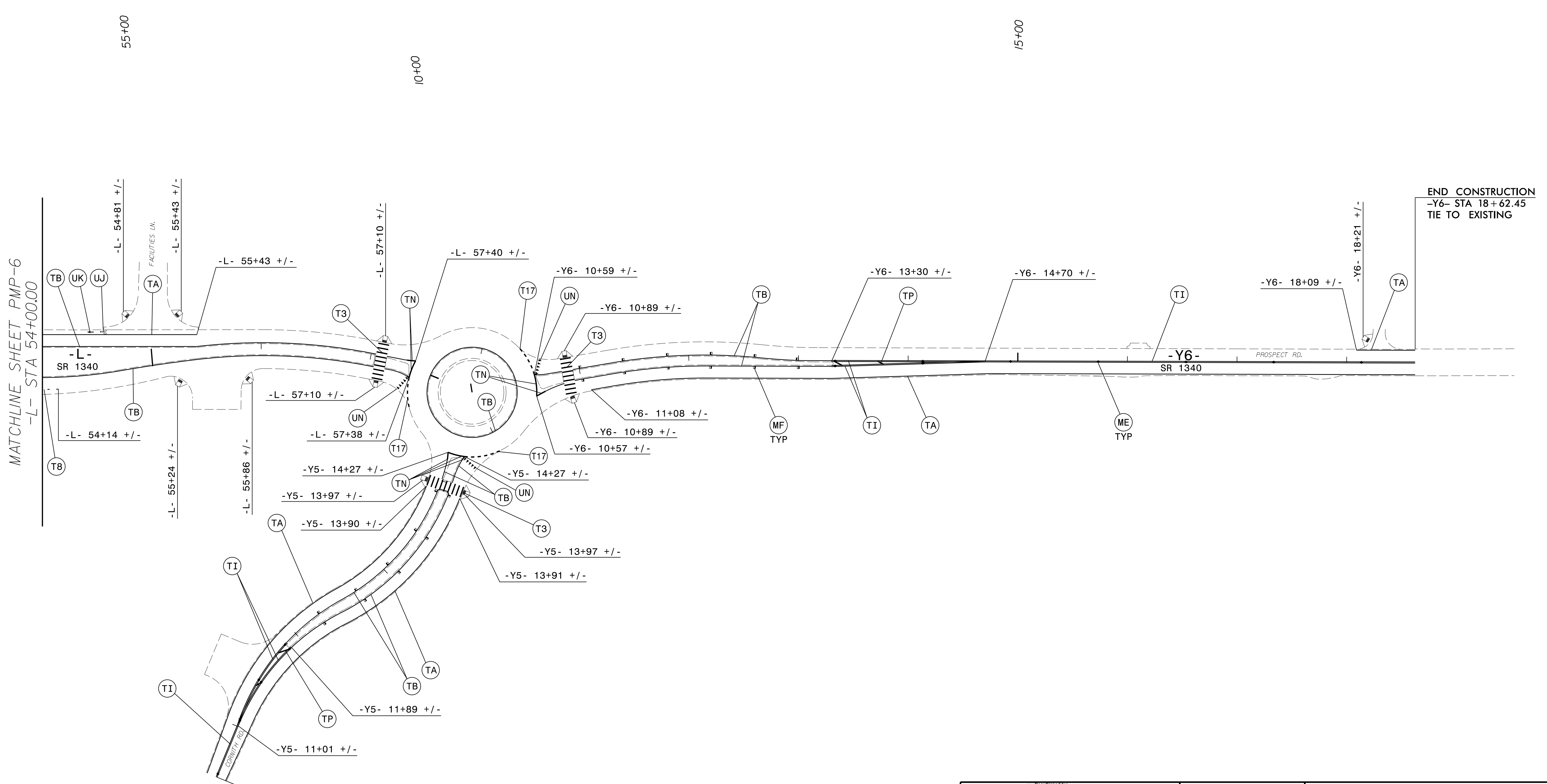
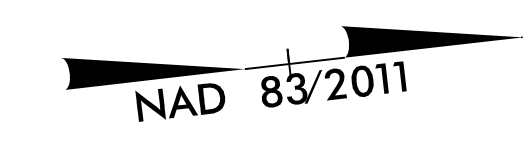
11/29/2017
 O:\RA\9292-01\CADD\U5925\Traf\fic\pmp\U5925_PMP-6.dgn
 thuffman


moffatt & nichol
 4700 FALLS OF NEUSE ROAD, SUITE 300
 RALEIGH, NORTH CAROLINA 27609
 (919) 781-4626 VOICE (919) 781-4869 FAX
 NC License NO.: F-0105

APPROVED: 
 DATE: 11/29/2017
 SEAL

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



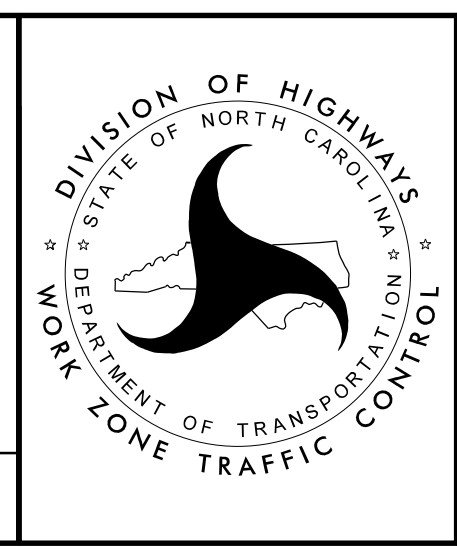
FINAL PAVEMENT MARKING PLANS



11/29/2017
 O:\RA\9292-01\CADD\U5925\T\offic\pmp\U5925_PMP-7.dgn
 thuffman

-Y5-
 /SR 1566
 END CONSTRUCTION
 -Y5- STA 10+50.00
 TIE TO EXISTING

Approved by: *Timothy R. Reid*
 DATE: 11/29/2017
 SEAL
 DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED



**FINAL PAVEMENT
 MARKING PLANS**