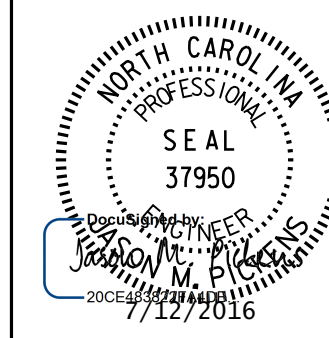


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**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN

NEW HANOVER COUNTY

**LOCATION: WILMINGTON - NC 132 (COLLEGE ROAD) AT
NEW CENTRE DRIVE**

INDEX

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
PMP-1	PAVEMENT MARKING PLAN TITLE SHEET
PMP-1A	PAVEMENT MARKING LEGEND & SCHEDULE
PMP-1B	CROSSWALK & STOPBAR PAVEMENT MARKING DETAIL
PMP-2	FINAL PAVEMENT MARKING PLAN

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:

<u>STD. NO.</u>	<u>TITLE</u>
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.08	PAVEMENT MARKINGS - SYMBOL AND WORD MESSAGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - TEMPORARY AND PERMANENT
1253.01	RAISED PAVEMENT MARKERS - SNOWPLOWABLE
1264.01	OBJECT MARKINGS - TYPES
1264.02	OBJECT MARKINGS - INSTALLATION

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:

<u>ROAD NAME</u>	<u>MARKING</u>	<u>MARKER</u>
-L- (NC 132)	THERMOPLASTIC	SNOWPLOWABLE
-Y- (NEW CENTRE DR)	THERMOPLASTIC	RAISED

B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.

D) MARKERS SHALL BE INSTALLED ACCORDING TO THE NCDOT ROADWAY STANDARD DRAWING 1250.01.

E) ALL PAVEMENT MARKING PAY ITEMS ARE PAID FOR UNDER 2017CPT.03.01.10651 (SEE PART III).

PLANS PREPARED BY:

DAVID L. WILVER, P.E. PROJECT ENGINEER
J. MATTHEW PICKENS, P.E. PROJECT DESIGN ENGINEER

PLANS PREPARED BY :

PARSONS
NC LICENSE NO. F-0246
**FOR
DIVISION OF HIGHWAYS**

T.I.P.: W-5601BB

CONTRACT: C203888

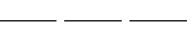
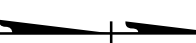

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FINAL PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	PAVEMENT MARKINGS
		THERMOPLASTIC (24", 120 MILS)
T2	WHITE STOPBAR	
T3	WHITE CROSSWALK	
		THERMOPLASTIC (12", 120 MILS)
TT	WHITE SOLID LANE LINE	
		THERMOPLASTIC (8", 90 MILS)
TN	WHITE GORELINE	
		THERMOPLASTIC (4", 90 MILS)
TB	YELLOW EDGELINE	
		THERMOPLASTIC (4", 120 MILS)
T8	2'-6'/SP WHITE MINISKIP	
TC	10' WHITE SKIP	
TE	WHITE SOLID LANE LINE	
TI	YELLOW DOUBLE CENTER LINE	
		THERMOPLASTIC SYMBOL (90 MILS)
UA	LEFT ARROW	
UB	RIGHT ARROW	
UC	STRAIGHT ARROW	
UE	COMBO. RIGHT/STRAIGHT ARROW	

LEGEND

GENERAL

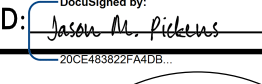
-  EXIST. PVMT.
-  NORTH ARROW
-  PROPOSED PVMT.

PAVEMENT MARKING SYMBOLS

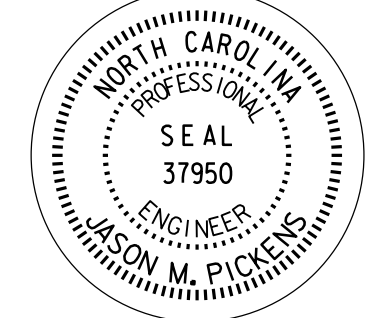

-  PAVEMENT MARKING SYMBOLS

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APPROVED:  DATE: 6/9/2016

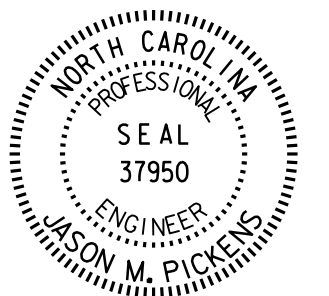
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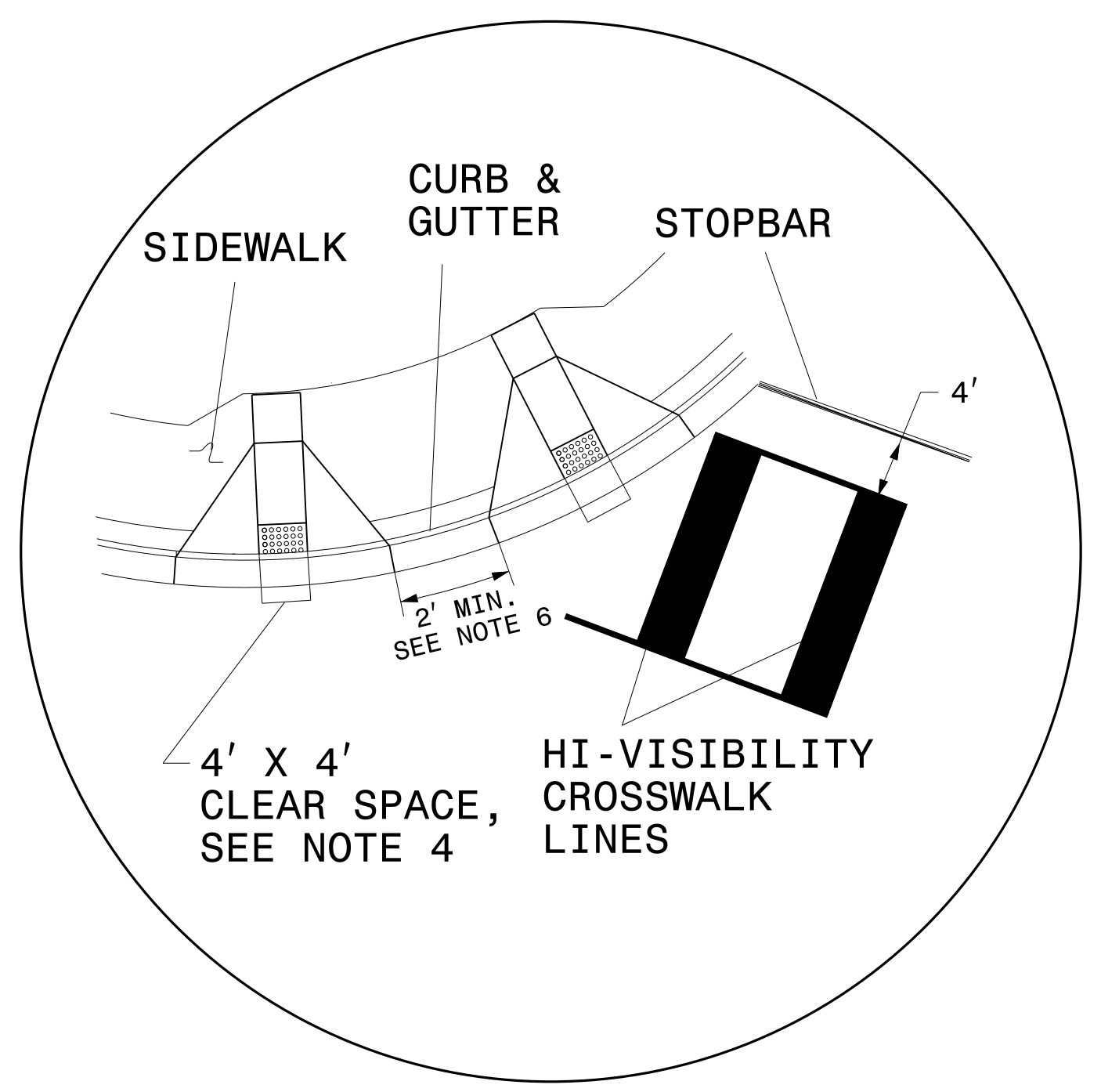
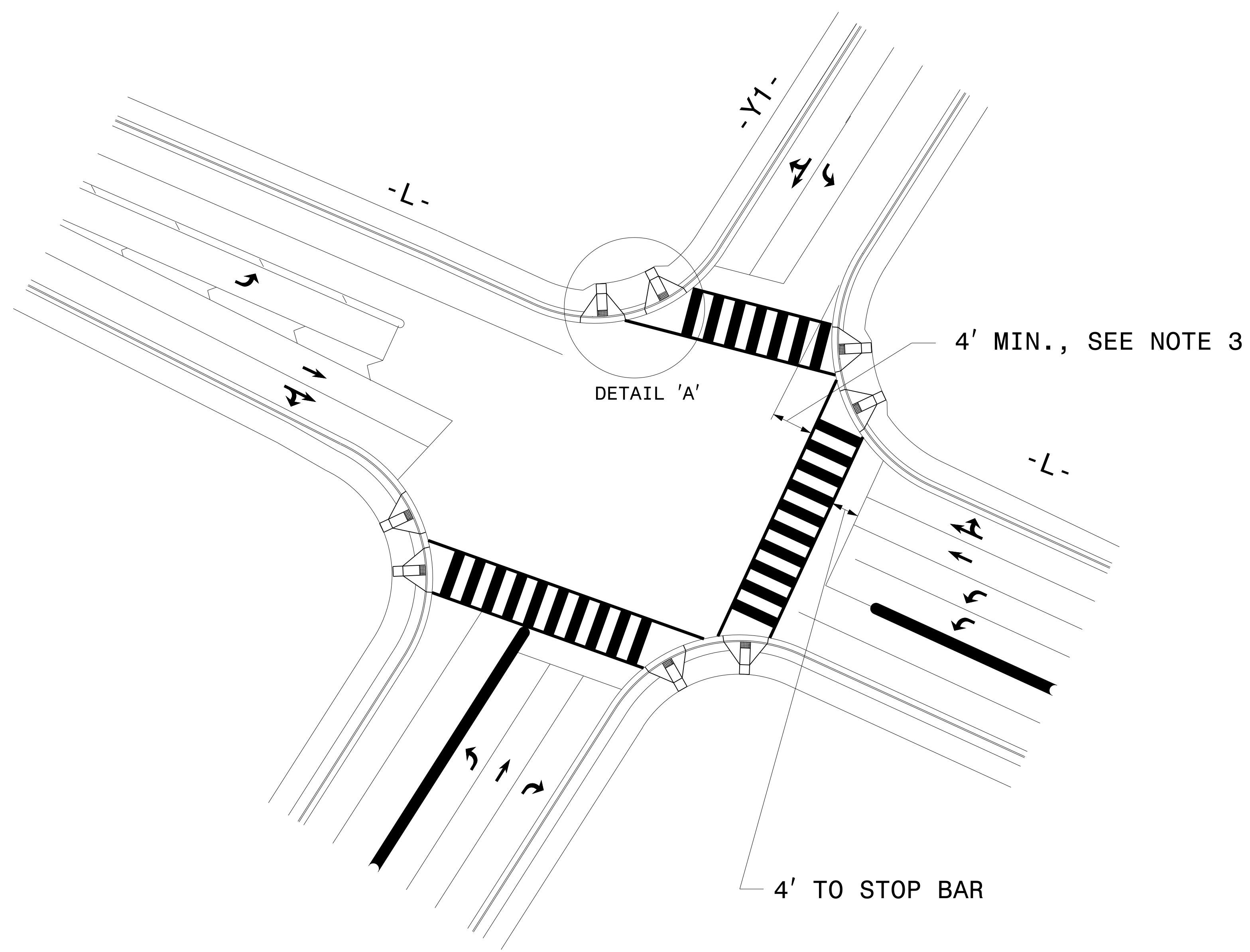



FINAL PAVEMENT
MARKING SCHEDULE
& LEGEND

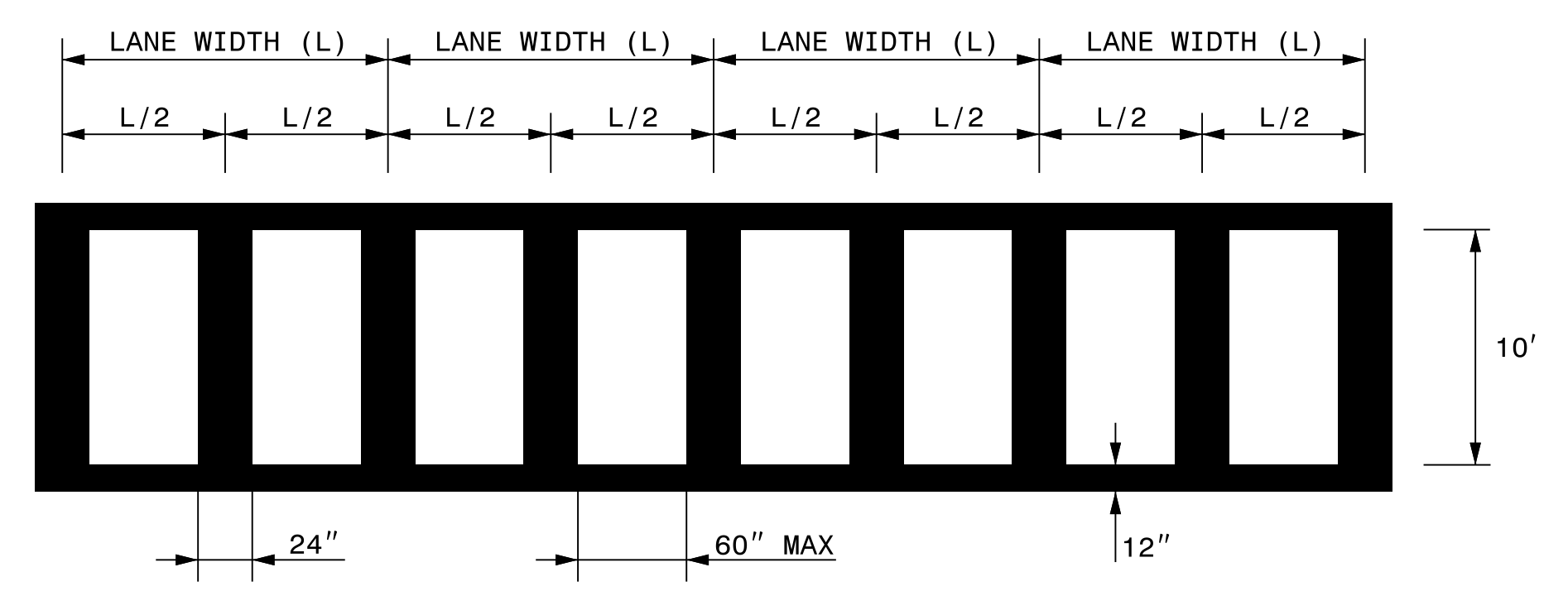
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NC LICENSE NO. F-03646
FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

7/12/99

TIP NO.	SHEET NO.
W-5601BB	PMP-1B
Approved by: <i>Jason M. Pickens</i> DATE: 6/9/2016	
SEAL 	



DETAIL 'A'- DUAL CURB RAMPS



NOTES:

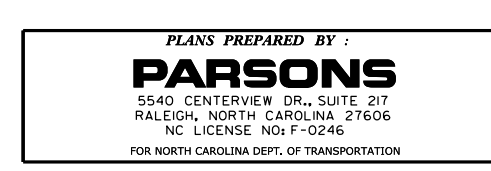
- PER MUTCD STANDARDS, WHEN CROSSWALK LINES ARE USED THEY SHALL CONSIST OF SOLID WHITE LINES THAT MARK THE CROSSWALKS. THEY SHALL NOT BE LESS THAN 6" NOR GREATER THAN 24" IN WIDTH.
- THE MARKING DESIGN SHOULD AVOID THE WHEEL PATHS AND THE SPACING SHOULD NOT EXCEED 60" IN WIDTH.

SPECIAL EMPHASIS CROSSWALK MARKING DETAIL

GUIDANCE DETAIL FOR CROSSWALK MARKINGS

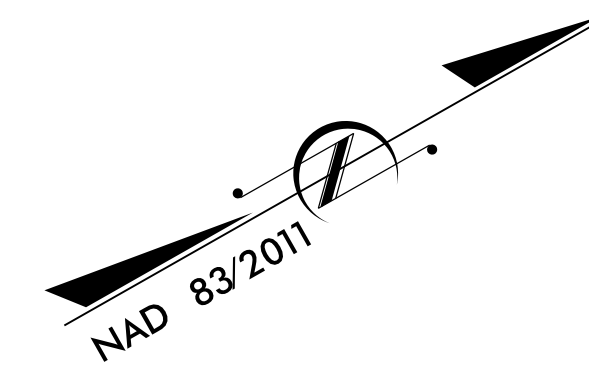
- NOTES:
- USE THE DETAILS ABOVE AND THE FOLLOWING NOTES FOR GUIDANCE IN PLACING CROSSWALK MARKINGS NOT STATIONED ON THE DETAIL SHEETS OR WHEN FIELD ADJUSTMENTS REQUIRED MOVING STATIONED MARKINGS AS DIRECTED BY THE ENGINEER. REFER TO NCDOT ROADWAY STANDARD DRAWINGS, MUTCD AND ADA STANDARDS FOR ADDITIONAL GUIDANCE.
 - THE CROSSWALK MARKINGS SHOWN ON THE ABOVE DETAILS ARE FOR REFERENCE ONLY. ONLY INSTALL CROSSWALK MARKINGS WHERE SHOWN ON THE DETAIL SHEETS OR AS DIRECTED BY THE ENGINEER. THE CROSSWALK MARKING TYPE, STANDARD OR HI-VISIBILITY, SHALL BE INSTALL AS SPECIFIED ON THE DETAIL SHEETS OR AS DIRECTED BY THE ENGINEER.
 - SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL IS 4' MIN.
 - BEYOND THE BOTTOM GRADE BRAKE, A CLEAR SPACE OF 4' X 4' MINIMUM SHALL BE PROVIDED WITHIN THE MARKINGS.
 - 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'.
 - CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE TO THE LATEST NCDOT ROADWAY STANDARD DRAWINGS.

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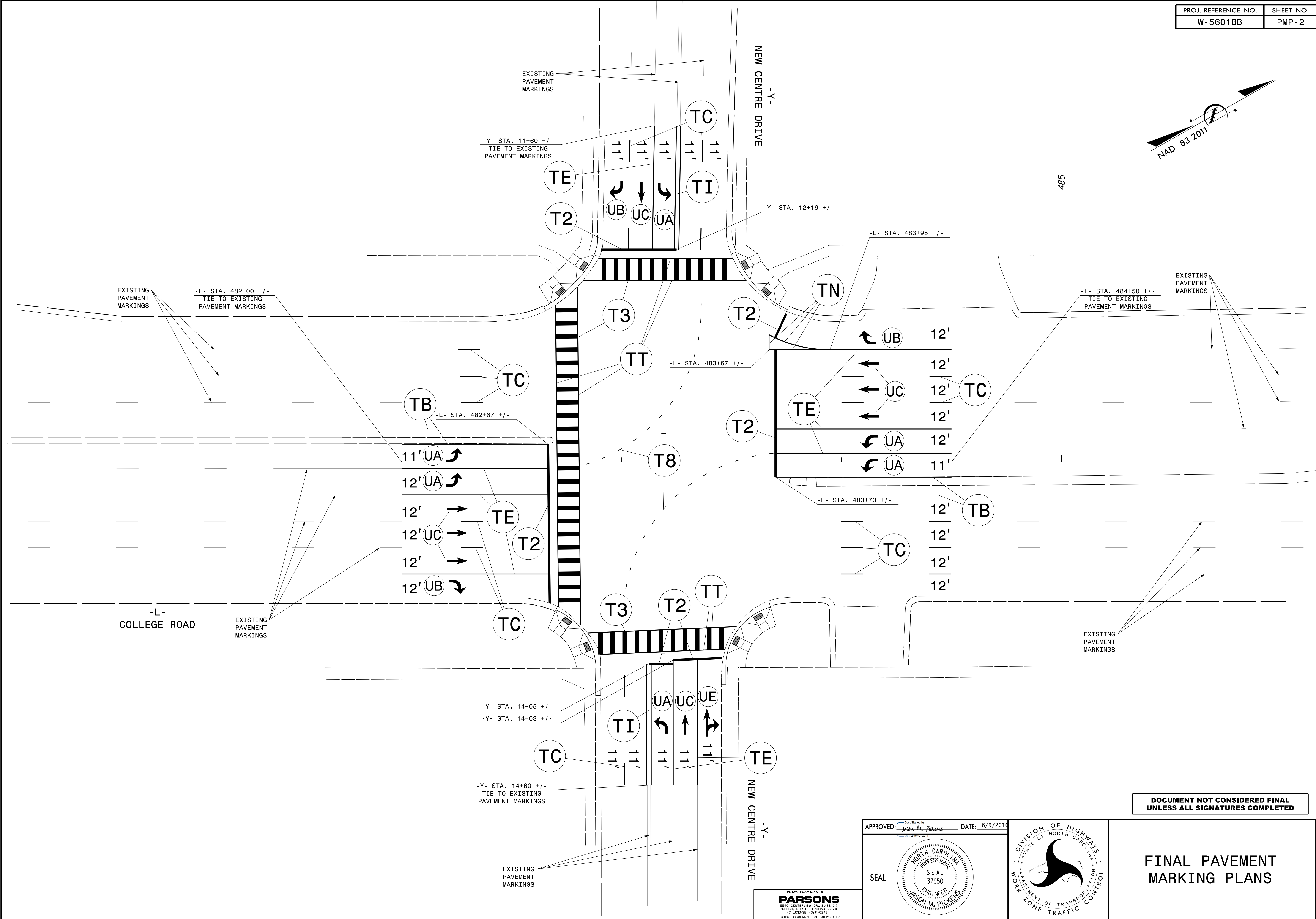


**CROSSWALK PAVEMENT MARKING
GUIDANCE DETAIL**

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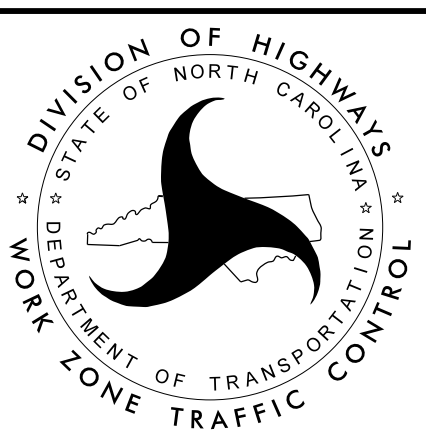
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 \$\$\$SERNAME\$\$\$

APPROVED: *Jason M. Pickens* DATE: 6/9/2016

SEAL

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 FOR NORTH CAROLINA DEPT. OF TRANSPORTATION



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FINAL PAVEMENT
 MARKING PLANS

DIVISION OF HIGHWAYS
 NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 WORK ZONE TRAFFIC CONTROL