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**CONTRACT NO: C203942 T.I.P.: U-3621A**

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN  
NASH COUNTY**

**LOCATION: ROCKY MOUNT – SR 1604 (HUNTER HILL ROAD)  
FROM SR 1613 (NORTH WINSTEAD AVE) TO  
SR 1616 (COUNTRY CLUB ROAD)**

<small>TIP NO.</small> U-3621A	<small>SHEET NO.</small> PMP - 1
<small>DocuSigned by:</small> APPROVED: <i>William J. Hamilton</i> <small>AS000070468484</small>	
<small>DATE:</small> 3/13/2017	
	
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**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 - TWO-LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY

**INDEX**

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
PMP-1	PAVEMENT MARKING PLAN COVER SHEET AND PAVEMENT MARKING SCHEDULE
PMP-1A	CROSSWALK AND STOP BAR PAVEMENT MARKING DETAIL
PMP-2	CURB RAMP LOCATION AND SYMBOL LEGEND
PMP-3-7	PAVEMENT MARKING DETAILS

**PAVEMENT MARKING SCHEDULE**

<u>SYMBOL</u>	<u>DESCRIPTION</u>
THERMOPLASTIC(4", 90 MILS)	
TA	WHITE EDGELINE
TB	YELLOW EDGELINE
THERMOPLASTIC(4", 120 MILS)	
T9	2 FT. - 6 FT./SP YELLOW MINISKIP
TC	10 FT. WHITE SKIP
TD	3 FT.-9FT./SP WHITE MINISKIP
TE	WHITE SOLID LANE LINE
TI	YELLOW DOUBLE CENTER
THERMOPLASTIC(8", 90 MILS)	
TN	WHITE GORELINE
TO	WHITE DIAGONAL
THERMOPLASTIC(24", 120 MILS)	
T2	WHITE STOPBAR
THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)	
UA	LEFT TURN ARROW
UB	RIGHT TURN ARROW
UD	COMBO. LEFT/STRAIGHT ARROW
UF	COMBO. LEFT/RIGHT ARROW
UT	U-TURN ARROW

**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.

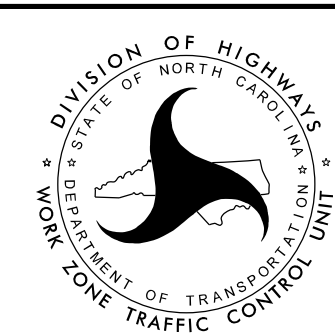
- A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

<u>ROAD NAME</u>	<u>MARKING</u>	<u>MARKER</u>
SR 1604 (HUNTER HILL ROAD)	THERMOPLASTIC	RAISED MARKERS

- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.  
 C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.  
 D) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.  
 E) 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.

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

**AYMAN ALQUDWAH, P.E.** SIGNING & DELINEATION REGIONAL ENGINEER  
**ERIC WARD** SIGNING & DELINEATION PROJECT DESIGN ENGINEER




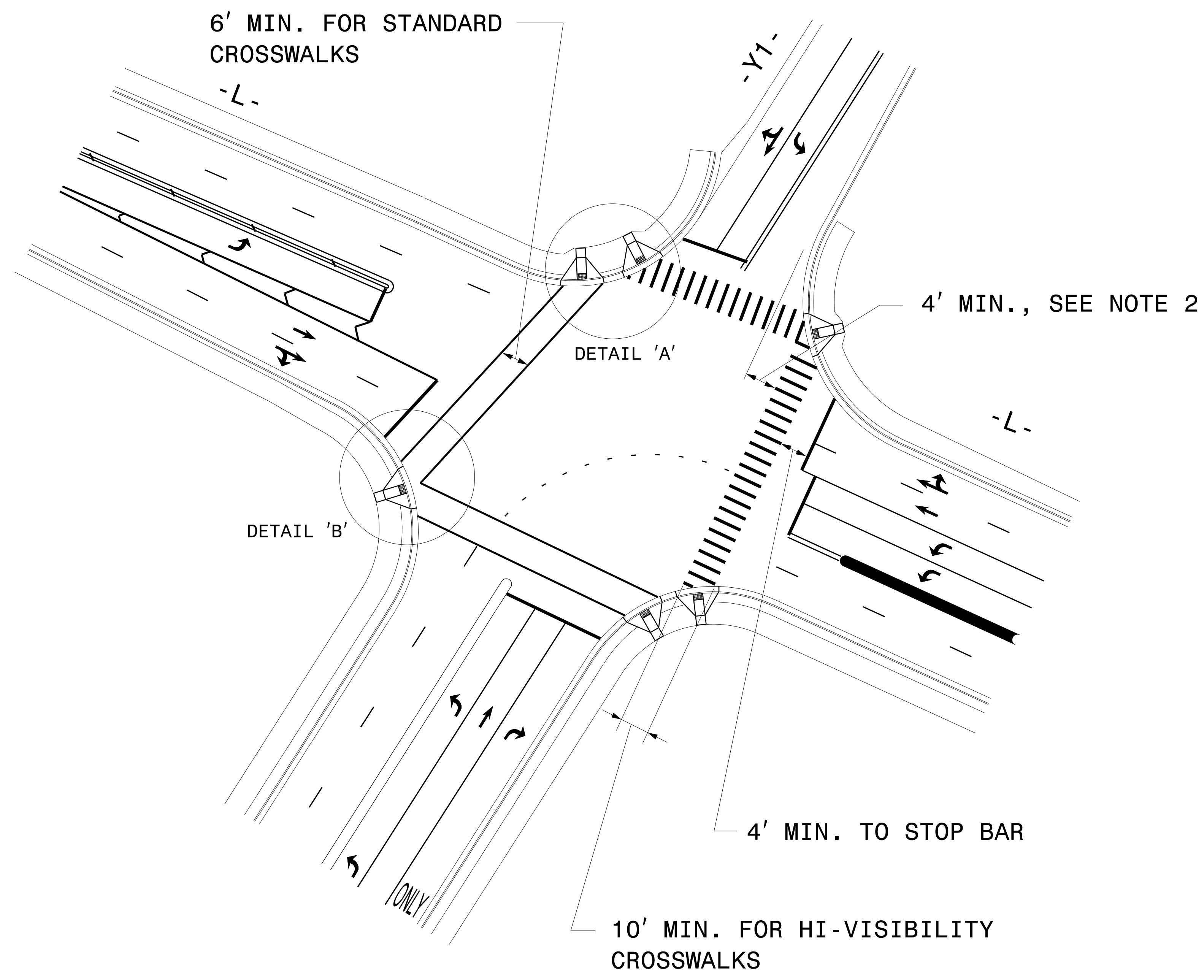
**PLAN PREPARED BY: Ramey Kemp & Associates**

**W.JASON HAMILTON, P.E., PTOE** PROJECT MANAGER  
**TIMOTHY S. POPELKA, EI** PROJECT ENGINEER



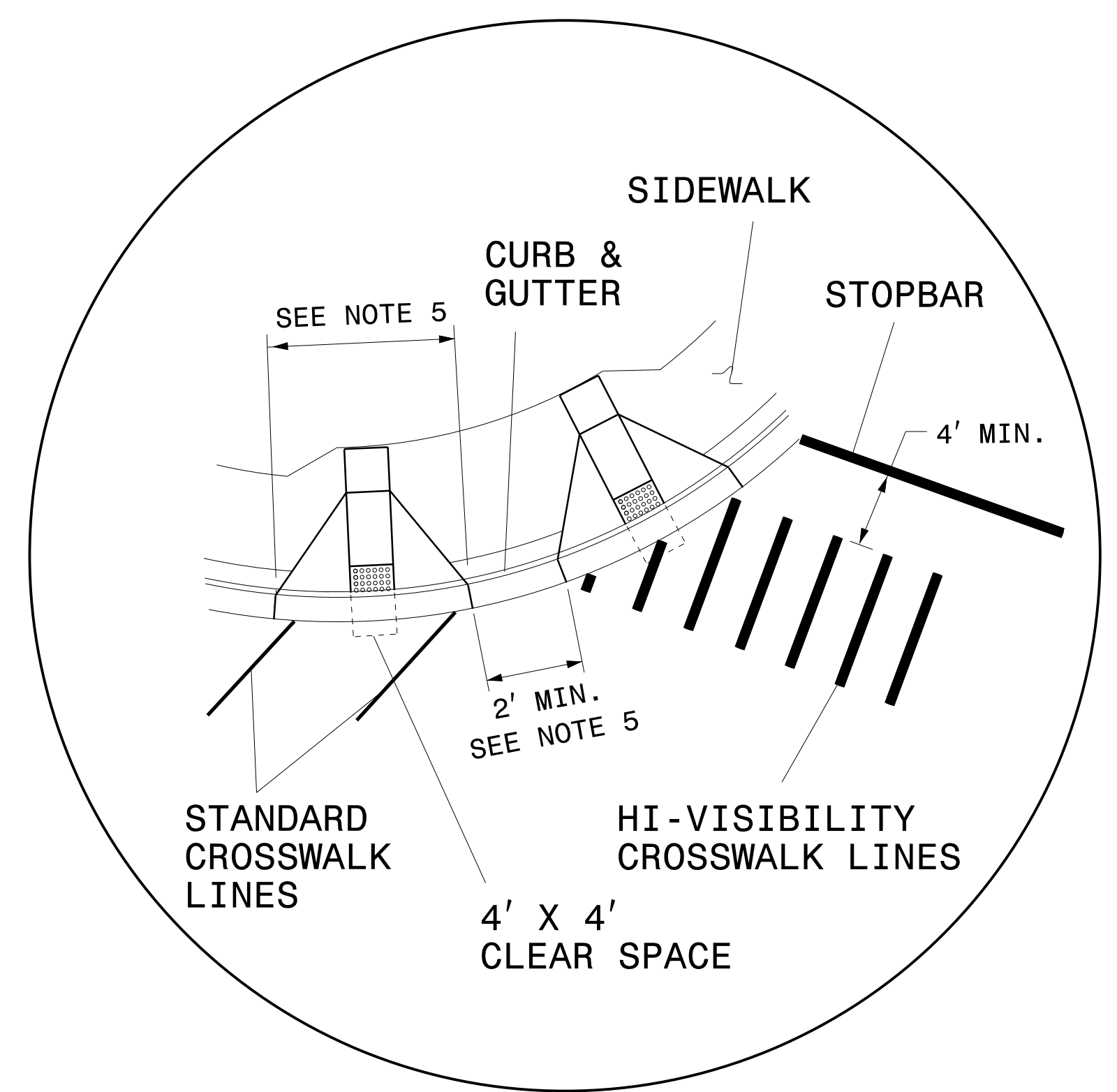


TIP NO.	SHEET NO.
U-3621A	PMP-1A
APPROVED: <i>William J. Hamilton</i>	
DATE: 3/13/2017	
	
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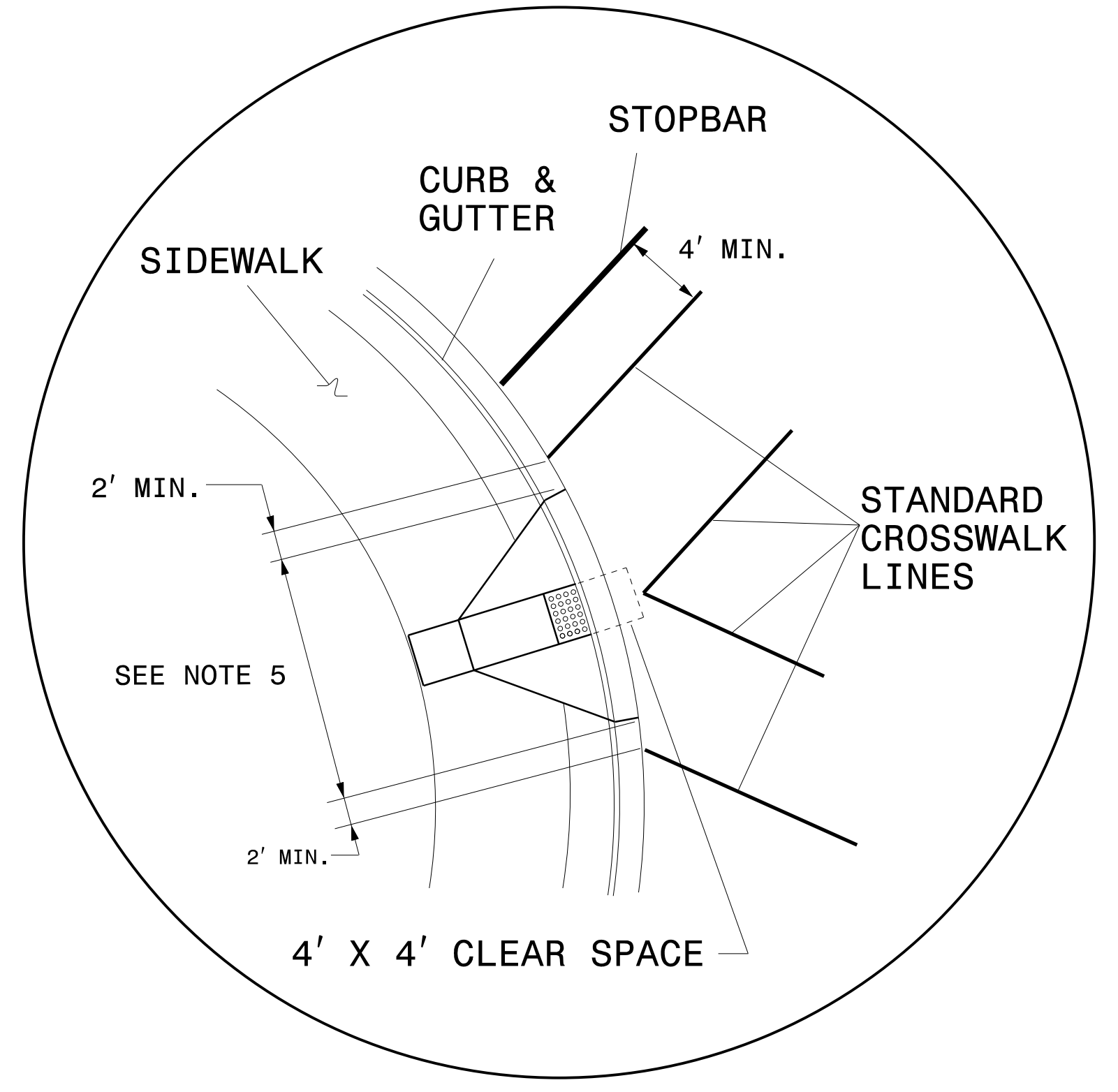


**GUIDANCE DETAIL FOR STANDARD AND HI-VISIBILITY CROSSWALKS AT SIGNALIZED OR STOP SIGN CONTROLLED INTERSECTIONS**

- NOTES:
- USE DETAILS ABOVE AND THE FOLLOWING NOTES FOR GUIDANCE IN PLACING CROSSWALKS AND STOP BARS 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.
  - 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 WIDTH OF THE CROSSWALK.
  - 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.

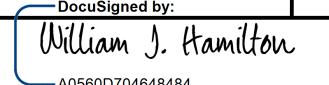



**DETAIL 'A'- DUAL CURB RAMPS**




**DETAIL 'B'- SINGLE DIAGONAL CURB RAMP**

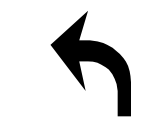
**CROSSWALK AND STOP BAR PAVEMENT MARKING DETAIL**

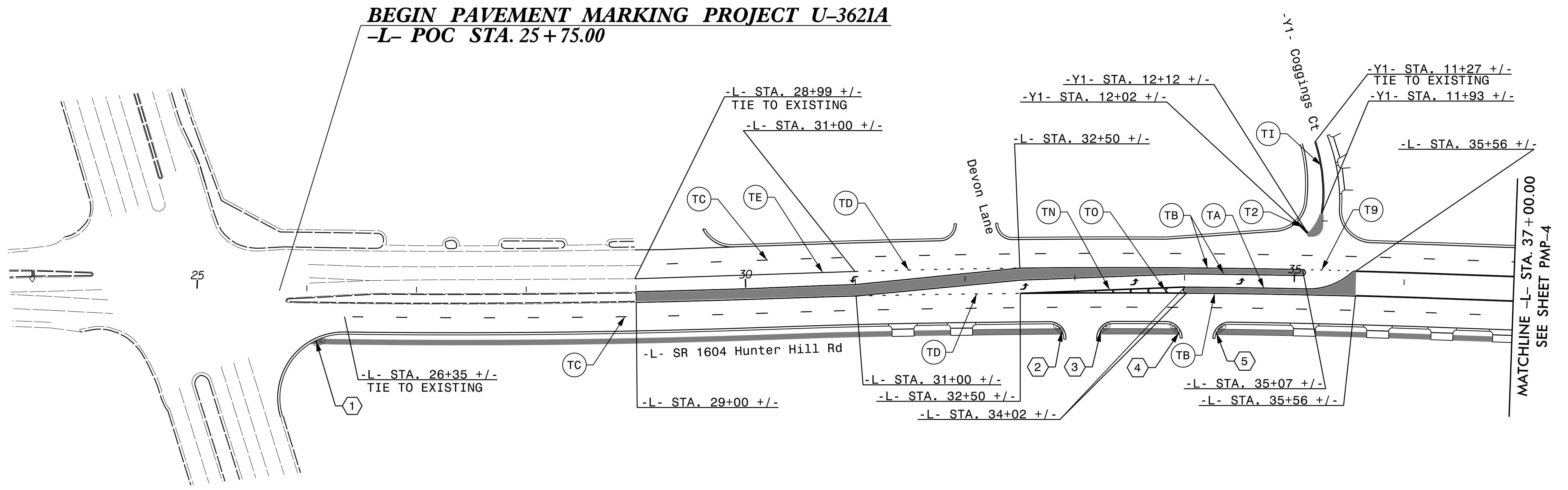
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APPROVED:  <small>DocuSigned by: William J. Hamilton A5560D7D648484</small>	
DATE: 3/13/2017	
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<b>CURB RAMP LOCATIONS AND STYLES</b>		
<small>(CENTERLINE OF RAMP AT FACE OF CURB)</small>		
1	-L- 26+08 +/-	STANDARD
2	-L- 32+88 +/-	STANDARD
3	-L- 33+23 +/-	STANDARD
4	-L- 33+95 +/-	STANDARD
5	-L- 34+30 +/-	STANDARD
6	-L- 37+23 +/-	STANDARD
7	-L- 37+26 +/-	STANDARD
8	-L- 40+87 +/-	STANDARD
9	-L- 41+19 +/-	STANDARD
10	-L- 57+13 +/-	STANDARD
11	-L- 57+46 +/-	STANDARD
12	-L- 65+40 +/-	STANDARD
13	-L- 65+93 +/-	STANDARD
14	-L- 73+23 +/-	STANDARD
15	-L- 73+96 +/-	STANDARD
16	-L- 75+77 +/-	STANDARD
17	-L- 76+15 +/-	STANDARD
18	-L- 78+95 +/-	STANDARD
19	-L- 79+45 +/-	STANDARD
20	-L- 82+84 +/-	STANDARD

TIP NO. U-3621A	SHEET NO. PMP-3
APPROVED: <i>William J. Hamilton</i> DATE: 3/13/2017	
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SYMBOL LEGEND

 (UA) LEFT ARROW



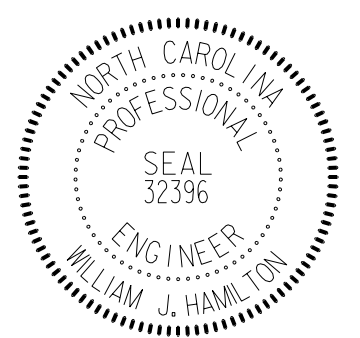
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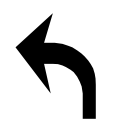
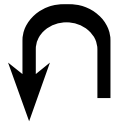
**RAMEY KEMP & ASSOCIATES, INC.**  
 Transportation Engineers  
 5808 Farrington Place, Suite 100  
 Raleigh, North Carolina 27609  
 919-872-3115 Tel. 919-872-4416 Fax  
 www.rameykemp.com

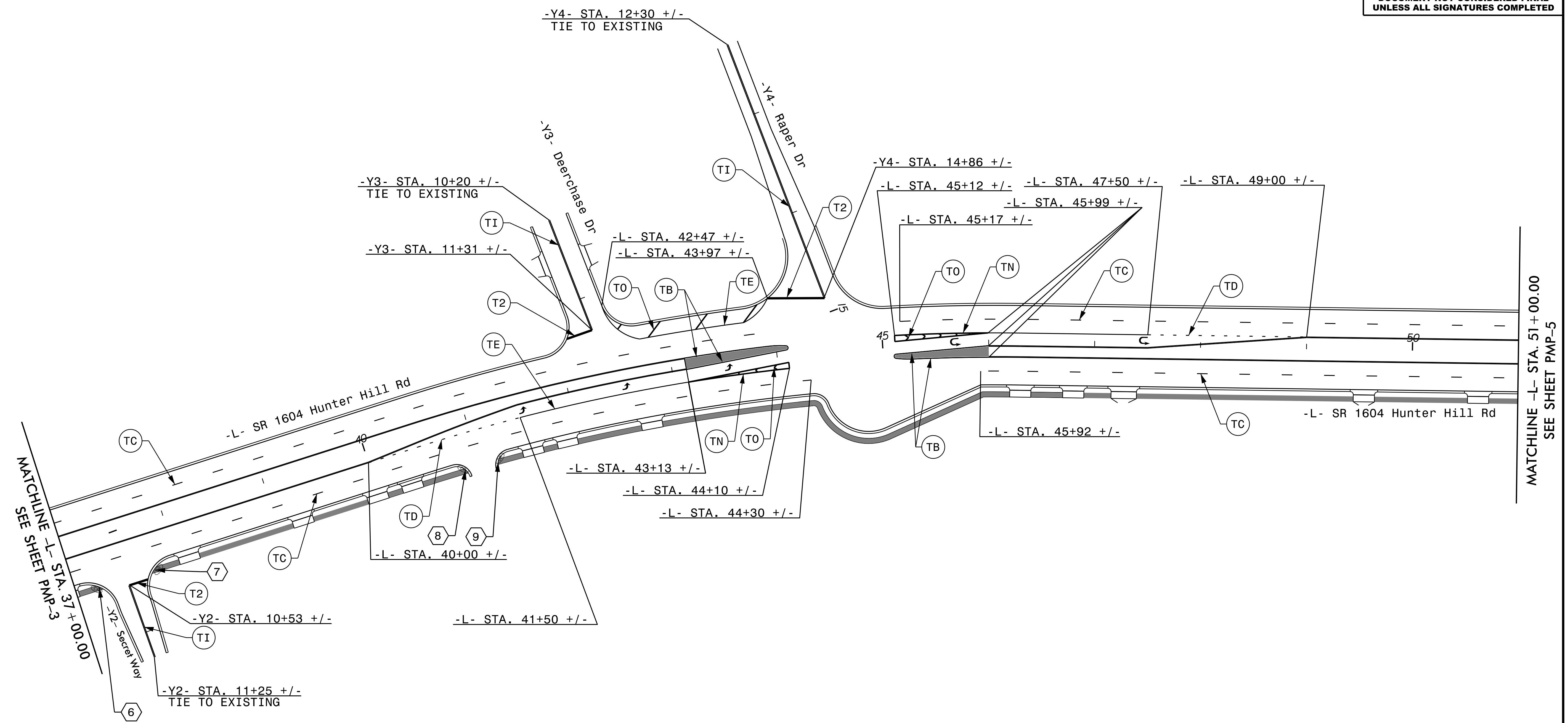
**PROPOSED PAVEMENT MARKING DETAIL**



TIP NO. U-3621A	SHEET NO. PMP-4
APPROVED: <i>William J. Hamilton</i> ASSISTANT ENGINEER	
DATE: 3/13/2017	
SEAL 	
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**SYMBOL LEGEND**

	UA LEFT ARROW
	UT U-TURN ARROW



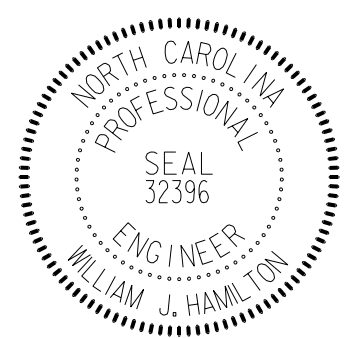
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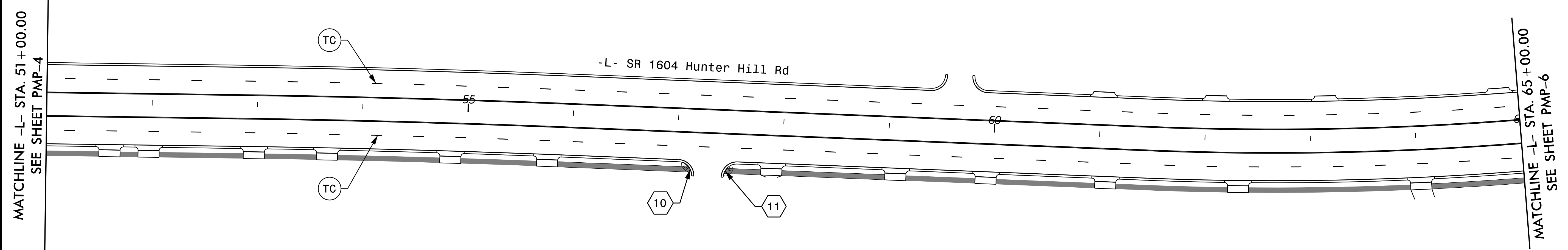
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**PROPOSED PAVEMENT MARKING DETAIL**

TIP NO.	SHEET NO.
U-3621A	PMP-5
APPROVED: <i>William J. Hamilton</i> <small>DocuSign by: A00900704048484</small>	
DATE: 3/13/2017	
	
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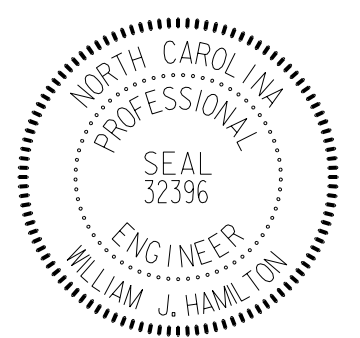
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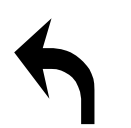
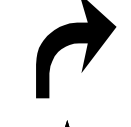



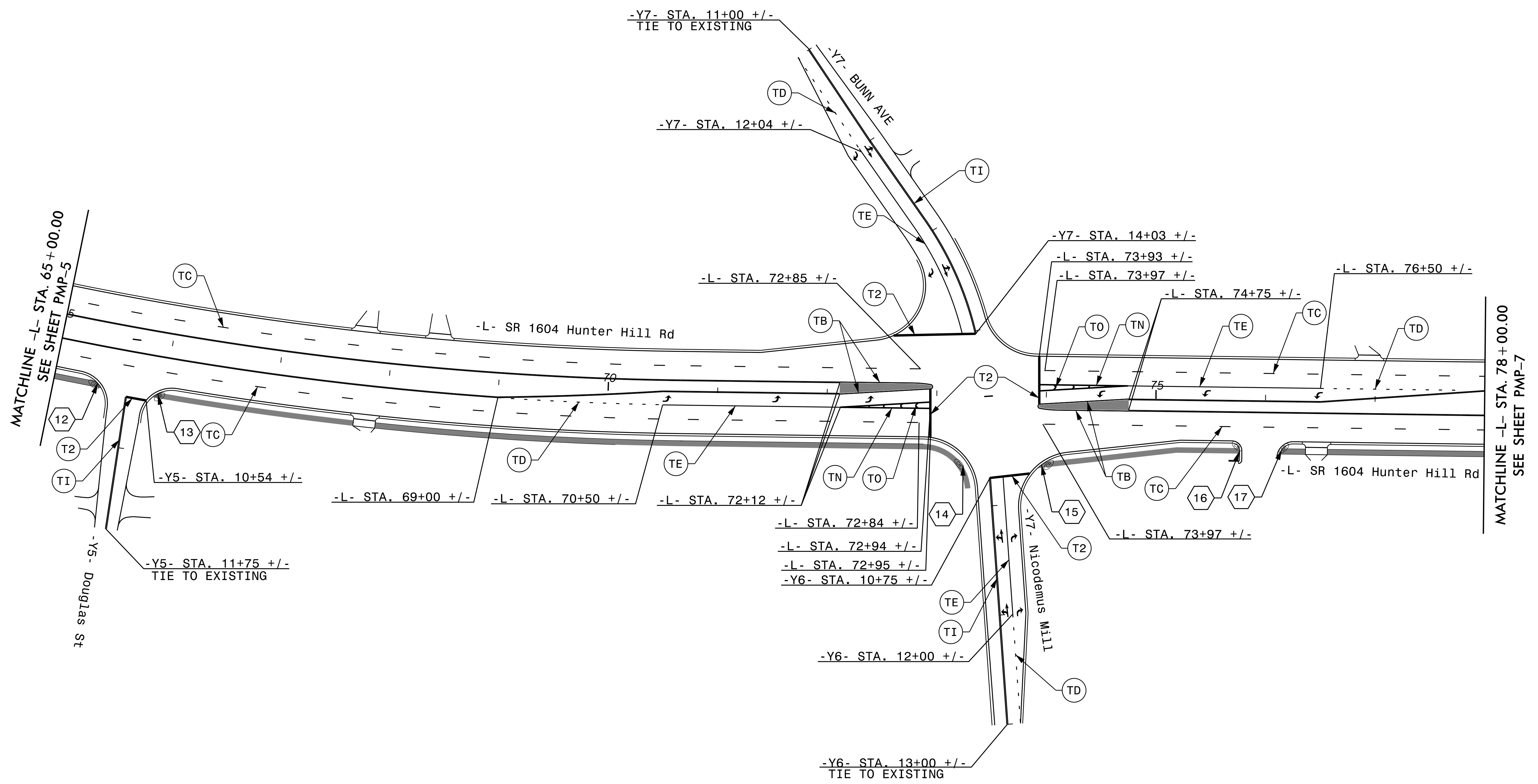
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Transportation Engineers  
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Raleigh, North Carolina 27609  
919-872-2115 Tel. 919-872-2116 Fax  
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**PROPOSED PAVEMENT  
MARKING DETAIL**

TIP NO.	SHEET NO.
U-3621A	PMP-6
APPROVED: <i>William J. Hamilton</i> AS660704648484	
DATE: 3/13/2017	
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**SYMBOL LEGEND**

	UA	LEFT ARROW
	UB	RIGHT ARROW
	UD	COMBO. LEFT/ STRAIGHT ARROW



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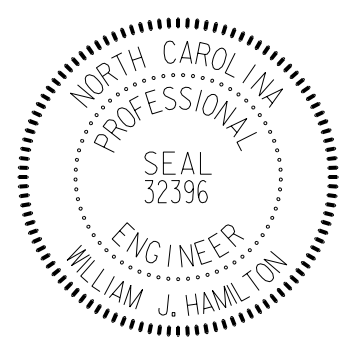
Prepared in the offices of:



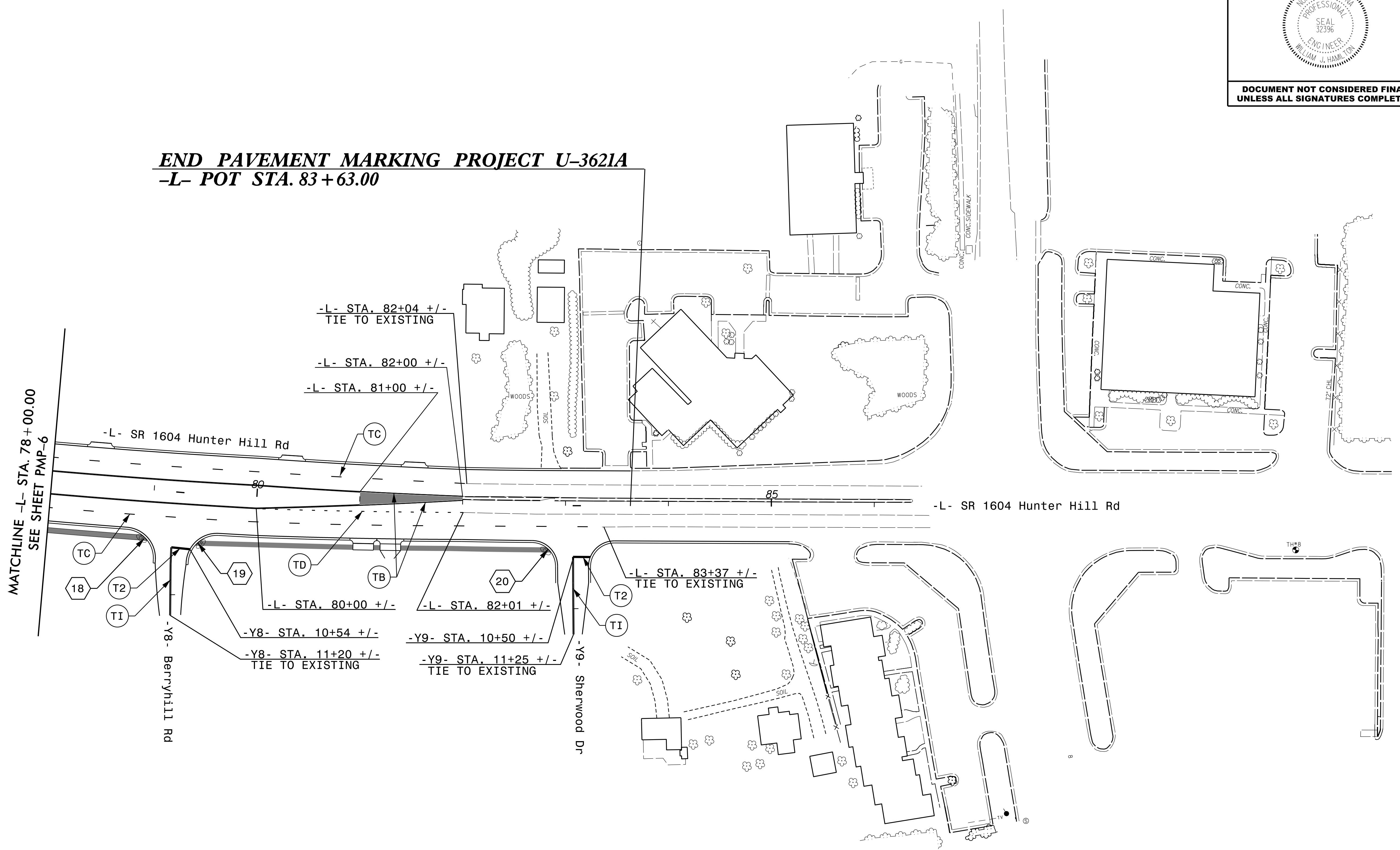
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Transportation Engineers  
5808 Parkington Place, Suite 100  
Raleigh, North Carolina 27609  
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**PROPOSED PAVEMENT MARKING DETAIL**



TIP NO. U-3621A	SHEET NO. PMP-7
APPROVED: <i>William J. Hamilton</i> 3/13/2017	
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**END PAVEMENT MARKING PROJECT U-3621A**  
**-L- POT STA. 83+63.00**



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 Transportation Engineers  
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**PROPOSED PAVEMENT MARKING DETAIL**