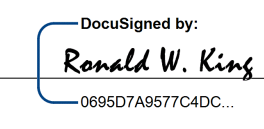



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PROJECT REFERENCE NO. B-3159	SHEET NO. PMP-1
APPROVED:  069507AB57C4DC	
DATE: 7/7/2015	
SEAL 	

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN  
DAVIDSON COUNTY**

**LOCATION: BRIDGE NO. 27 OVER US 29-64-70I-85 BUSINESS LOOP ON NC 8/US 52**

**T.I.P.: B-3159**

**CONTRACT: C203587**

**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
1205.03	PAVEMENT MARKINGS - EXIT AND ENTRANCE RAMP
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
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1253.01	RAISED PAVEMENT MARKERS - SNOWPLOWABLE
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION

**INDEX**

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE
PMP-2	SCHEDULE SHEET
PMP-3	CROSSWALK PAVEMENT MARKING GUIDANCE DETAIL
PMP-4-7	PAVEMENT MARKING 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.

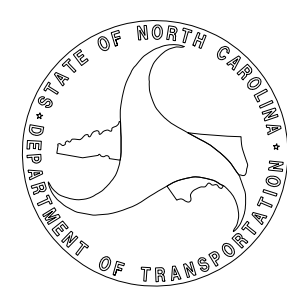
- A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

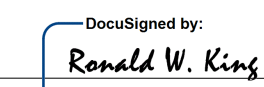
ROAD NAME	MARKING	MARKER
ALL	THERMOPLASTIC	SNOWPLOWABLE
CONCRETE BRIDGE DECK	COLD APPLIED PLASTIC (TYPE II OR III)	RAISED

- 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) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- F) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON CONCRETE BRIDGE DECKS PRIOR TO PLACING COLD APPLIED PLASTIC PAVEMENT MARKING MATERIAL.
- G) 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.
- H) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF COLD APPLIED PLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS ON ASPHALT OR CONCRETE ROADWAYS. IF HEATED-IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE COLD APPLIED PAY ITEM.
- I) ALL BIKE LANE SYMBOLS SHALL BE HEATED-IN-PLACE THERMOPLASTIC. SYMBOLS SHALL BE PAID FOR USING THE HEAT-IN-PLACE PAY ITEM.
- J) TYPE III COLD APPLIED PLASTIC MAY BE USED IN LIEU OF TYPE II COLD APPLIED PLASTIC. IF TYPE III COLD APPLIED PLASTIC IS USED, IT SHALL BE PAID FOR USING THE TYPE II COLD APPLIED PLASTIC PAY ITEM.
- K) SEE ROADWAY PLANS FOR ALTERNATE CURB RAMP DESIGNS WHEN INDICATED ON PAVEMENT MARKING DETAIL SHEETS.

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

RENEE B. ROACH, P.E. SIGNING & DELINEATION REGIONAL ENGINEER  
STACEY W. JOHNS SIGNING & DELINEATION DESIGN ENGINEER



APPROVED:   
DocuSigned by:  
 Ronald W. King  
 0985D7A6577C4DC

DATE: 7/7/2015

SEAL



**PAVEMENT MARKING SCHEDULE**

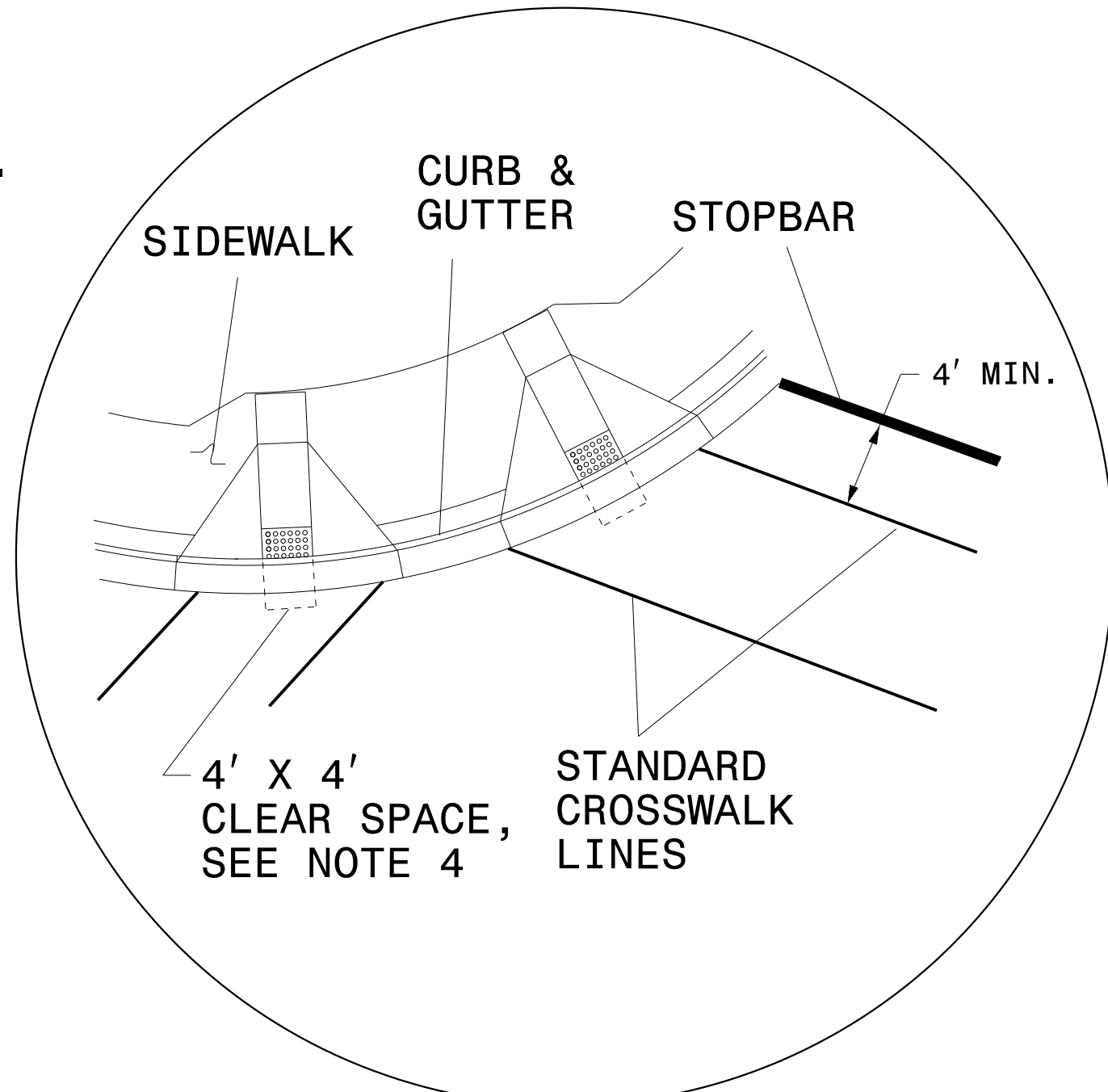
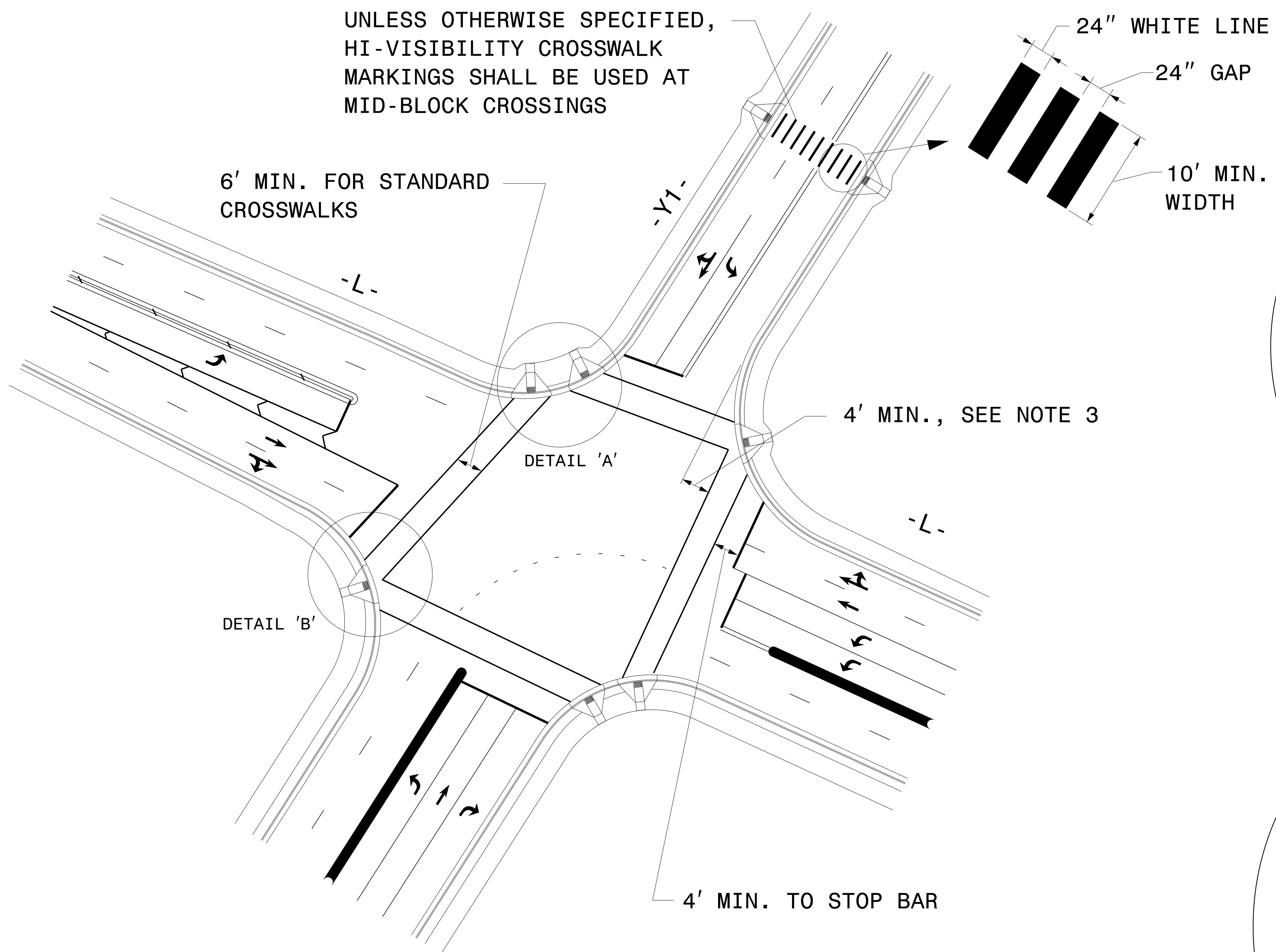
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	THERMO(24", 120 MILS)		COLD APPLIED PLASTIC(4")
T2	WHITE STOPBAR	CA	WHITE EDGELINE
	THERMO(4", 120 MILS)	CC	10 FT. WHITE SKIP
		CD	3 FT. - 9 FT./SP WHITE MINISKIP
T8	2 FT. - 6 FT./SP WHITE MINISKIP		COLD APPLIED PLASTIC(8")
TC	10 FT. WHITE SKIP		
TD	3 FT. - 9 FT./SP WHITE MINISKIP		
TE	WHITE SOLID LANE LINE	CN	WHITE GORE LINE
TI	YELLOW DOUBLE CENTER	CO	WHITE DIAGONAL
	THERMO(4", 90 MILS)		COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOLS
TA	WHITE EDGELINE	DA	LEFT TURN ARROW
TB	YELLOW EDGELINE	DC	STRAIGHT ARROW
	THERMO(8", 120 MILS)		PERMANENT RAISED PAVEMENT MARKERS
TQ	WHITE CROSSWALK LINE	MA	YELLOW & YELLOW
TR	WHITE SOLID LANE LINE	MB	CRYSTAL & RED
	THERMO(8", 90 MILS)		
TN	WHITE GORELINE		
TO	WHITE DIAGONAL		
	THERMOPAVEMENT MARKING SYMBOLS (90 MILS)		
UA	LEFT TURN ARROW		
UB	RIGHT TURN ARROW		
UC	STRAIGHT ARROW		
UD	COMBO. LEFT/STRAIGHT ARROW		
UE	COMBO. RIGHT/STRAIGHT ARROW		
UJ	BICYCLE SYMBOL		
UK	BICYCLE STRAIGHT ARROW		
UP	MERGE ARROW		

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 User: jbrs

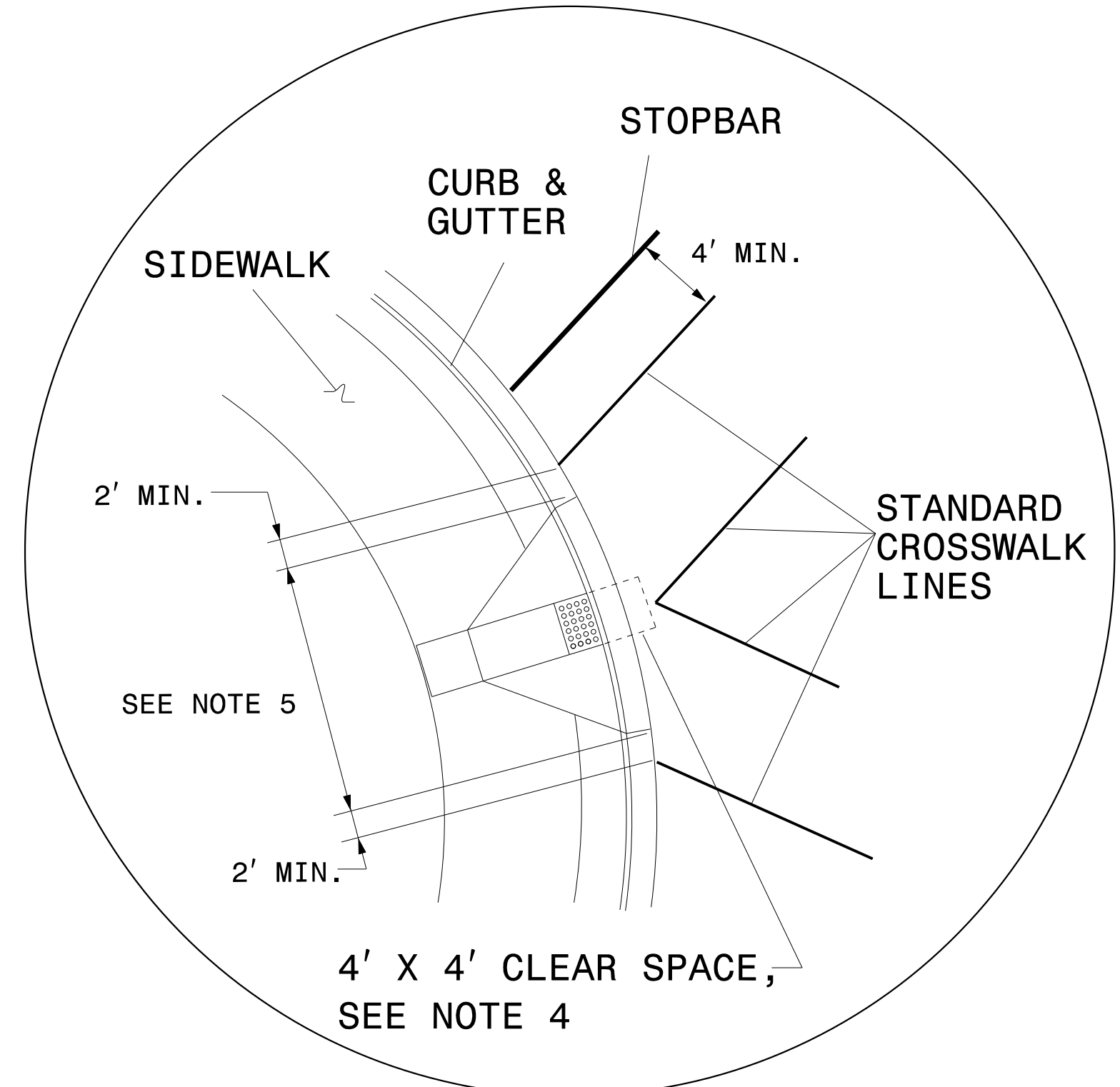
**PAVEMENT MARKING SCHEDULE**



UNLESS OTHERWISE SPECIFIED,  
HI-VISIBILITY CROSSWALK  
MARKINGS SHALL BE USED AT  
MID-BLOCK CROSSINGS



DETAIL 'A'- DUAL CURB RAMPS



DETAIL 'B'- SINGLE DIAGONAL CURB RAMP

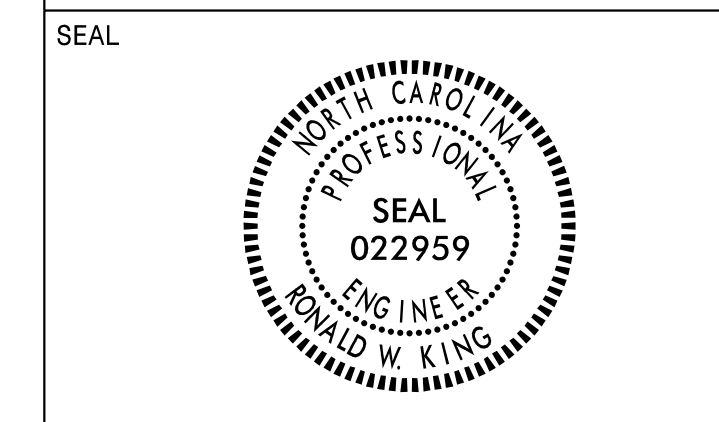
**GUIDANCE DETAIL FOR CROSSWALK MARKINGS**

**NOTES:**

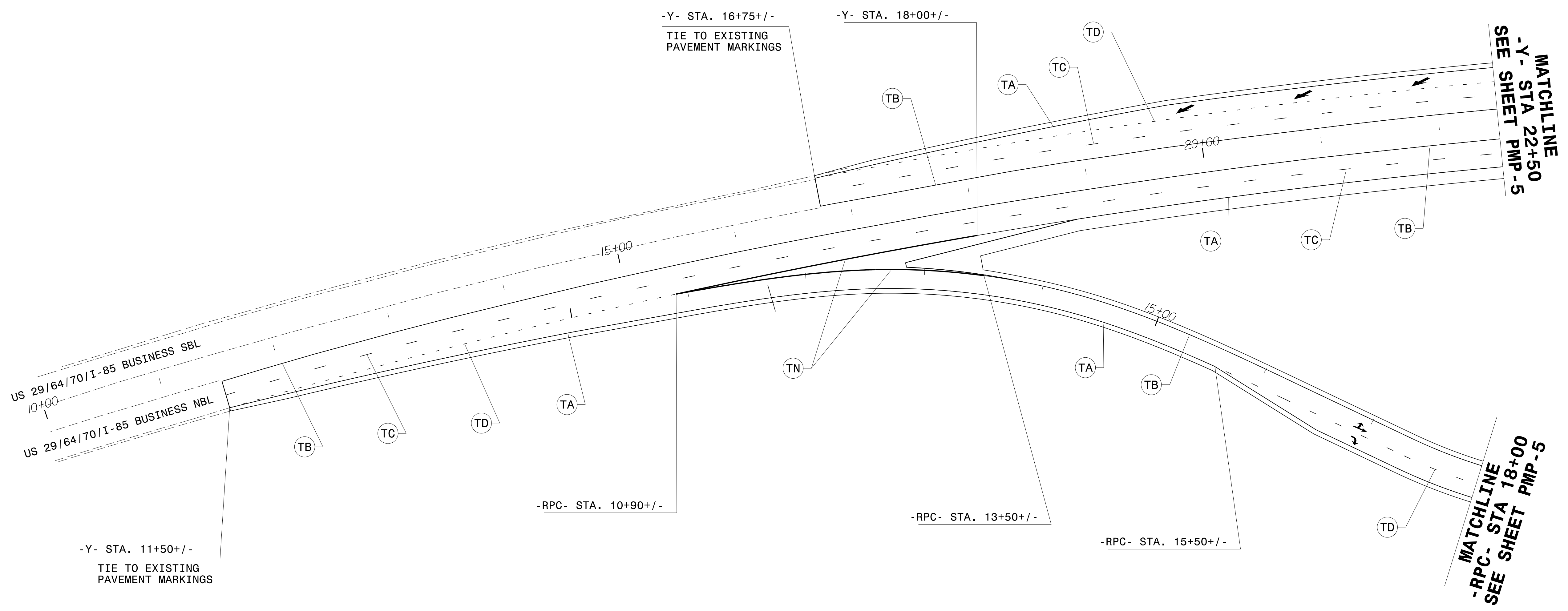
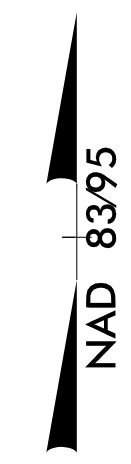
1. USE THE DETAILS ABOVE AND THE FOLLOWING NOTES FOR GUIDANCE IN PLACING CROSSWALK MARKINGS NOT STATIONED ON THE DETAIL SHEETS OR WHEN FIELD ADJUSTMENTS REQUIRED MOVING STATIONED MARKINGS AS DIRECTED BY THE ENGINEER. REFER TO NCDOT ROADWAY STANDARD DRAWINGS, MUTCD AND ADA STANDARDS FOR ADDITIONAL GUIDANCE.
2. 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.
3. SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL IS 4' MIN.
4. BEYOND THE BOTTOM GRADE BRAKE, A CLEAR SPACE OF 4' X 4' MINIMUM SHALL BE PROVIDED WITHIN THE MARKINGS.
5. 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'.
6. CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE TO THE LATEST NCDOT ROADWAY STANDARD DRAWINGS.

**CROSSWALK PAVEMENT MARKING  
GUIDANCE DETAIL**

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SYMBOL AND PAVEMENT MARKING LEGEND	
THERMOPLASTIC	
TA	WHITE EDGELINE (4")
TB	YELLOW EDGELINE (4")
TC	10' WHITE SKIP (4")
TD	3FT.-9FT./SP WHITE MINISKIP (4")
TN	WHITE GORE LINE (8")
UB	RIGHT TURN ARROW
UD	LEFT/STRAIGHT ARROW
UP	MERGE ARROW

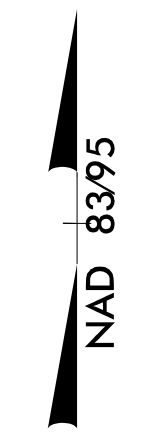
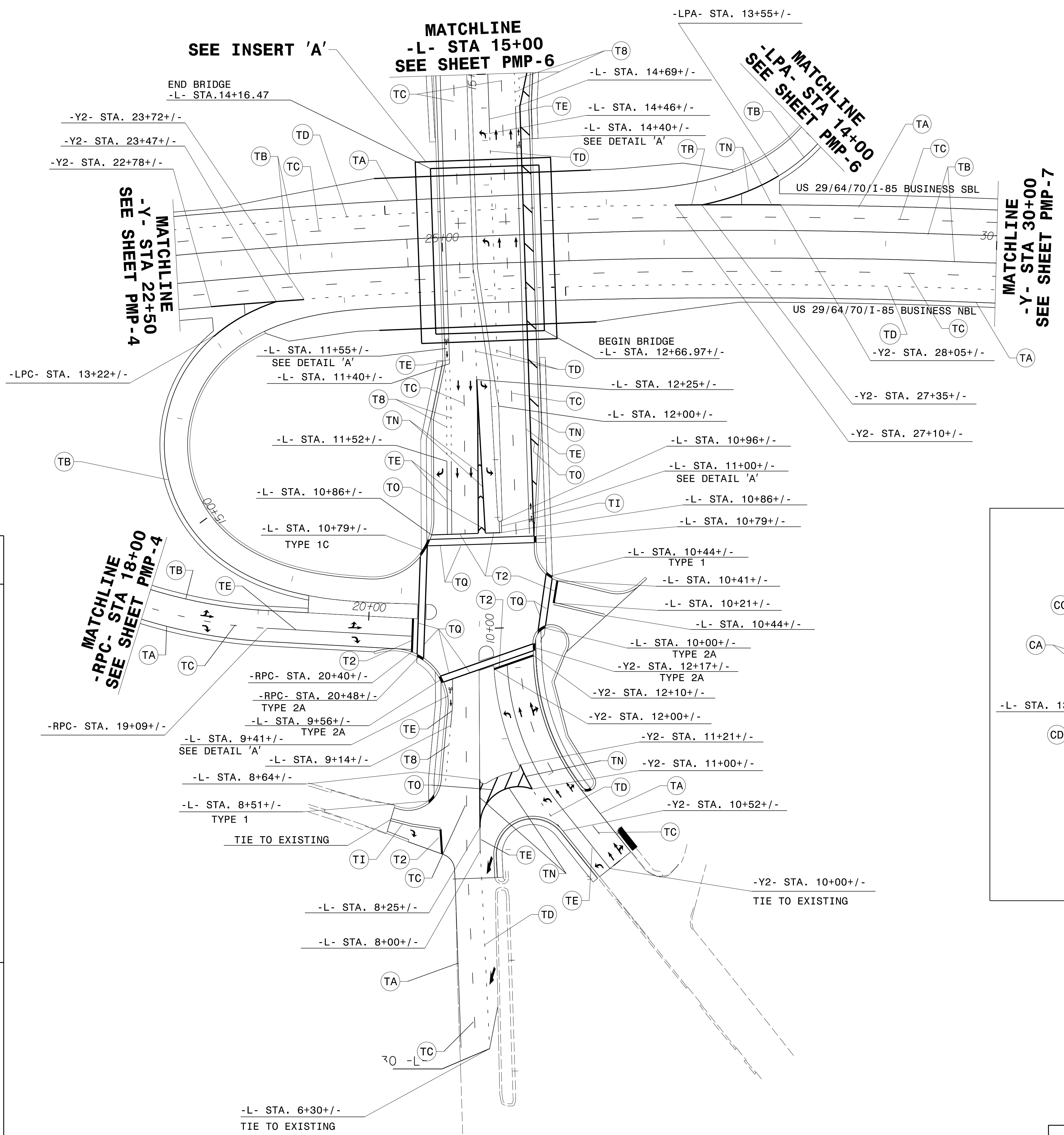
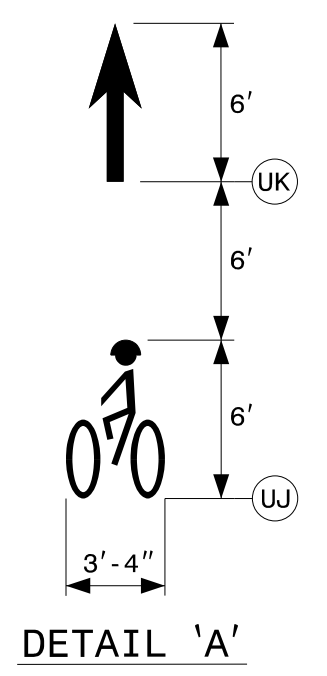


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**PAVEMENT MARKING DETAIL**



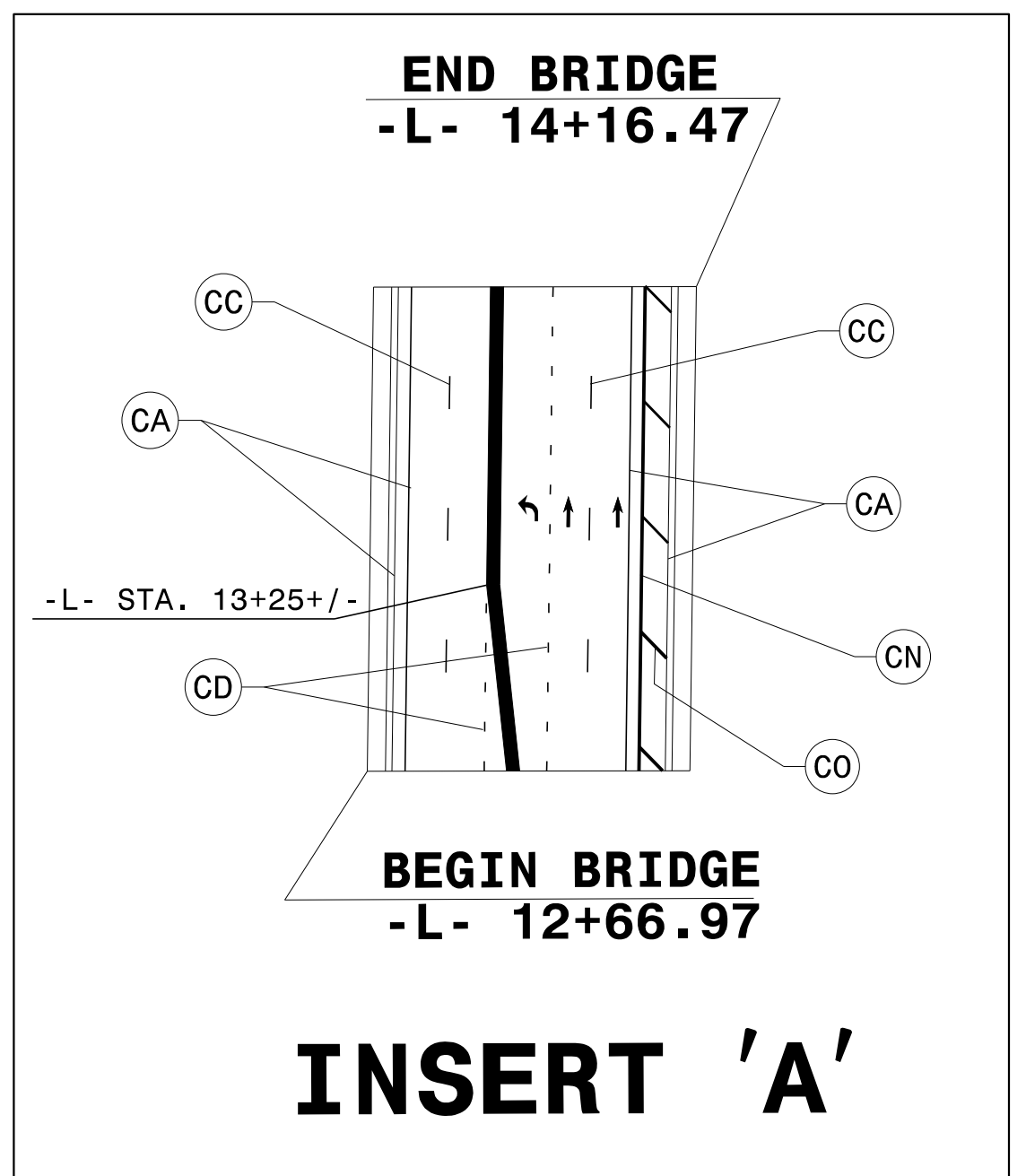
APPROVED: *Ronald W. King*  
DATE: 7/22/2015



**SYMBOL AND PAVEMENT MARKING LEGEND**

- THERMOPLASTIC & COLD APPLIED PLASTIC
- (T2) WHITE STOPBAR (24")
  - (T8) 2FT.-6FT./SP WHITE MINISKIP (4")
  - (TA) WHITE EDGELINE (4")
  - (TB) YELLOW EDGELINE (4")
  - (TC) 10' WHITE SKIP (4")
  - (TD) 3FT.-9FT./SP WHITE MINISKIP (4")
  - (TE) WHITE SOLID LANE LINE (4")
  - (TI) YELLOW DOUBLE CENTER (4")
  - (TN) WHITE GORE LINE (8")
  - (TO) WHITE DIAGONAL (8")
  - (TQ) WHITE CROSSWALK LINE (8")
  - (TR) WHITE SOLID LANE LINE (8")
  - (CA) WHITE EDGELINE (4")
  - (CC) 10' WHITE SKIP (4")
  - (CD) 3FT.-9FT./SP WHITE MINISKIP (4")
  - (CN) WHITE GORE LINE (8")
  - (CO) WHITE DIAGONAL (8")

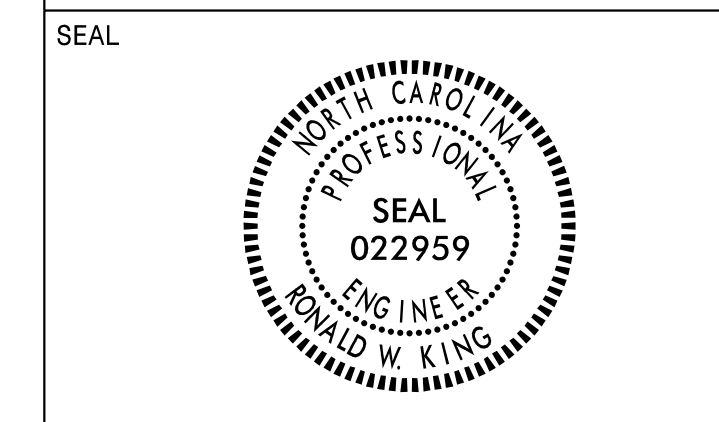
- (UA) LEFT TURN ARROW
- (UB) RIGHT TURN ARROW
- (UC) STRAIGHT ARROW
- (UD) LEFT/STRAIGHT ARROW
- (UE) RIGHT/STRAIGHT ARROW
- ONLY (UI) ALPHANUMERIC CHARACTER
- (UP) MERGE ARROW
- (DA) LEFT TURN ARROW
- (DC) STRAIGHT ARROW
- ONLY (DI) ALPHANUMERIC CHARACTER



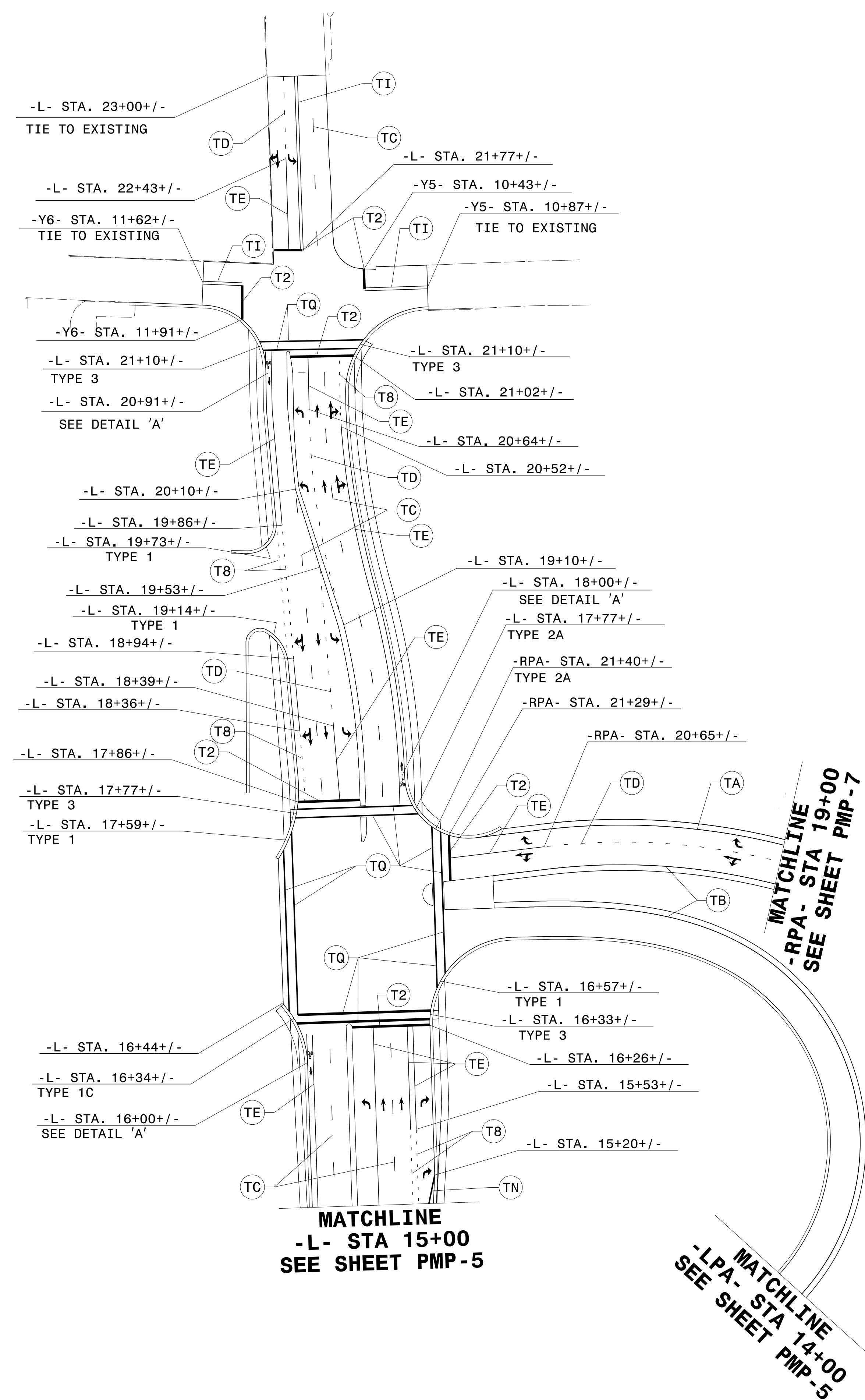
**PAVEMENT MARKING DETAIL**

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APPROVED: *Ronald W. King*  
DATE: 7/7/2015

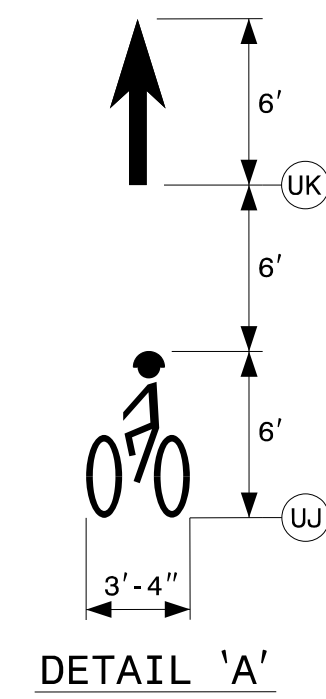


NAD 8395



**SYMBOL AND PAVEMENT MARKING LEGEND**

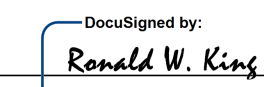
THERMOPLASTIC	
(T2)	WHITE STOPBAR (24")
(T8)	2FT.-6FT./SP WHITE MINISKIP (4")
(TA)	WHITE EDGELINE (4")
(TB)	YELLOW EDGELINE (4")
(TC)	10' WHITE SKIP (4")
(TD)	3FT.-9FT./SP WHITE MINISKIP (4")
(TE)	WHITE SOLID LANE LINE (4")
(TN)	WHITE GORE LINE (8")
(TQ)	WHITE CROSSWALK LINE (8")
(UA)	LEFT TURN ARROW
(UB)	RIGHT TURN ARROW
(UC)	STRAIGHT ARROW
(UD)	LEFT/STRAIGHT ARROW
(UE)	RIGHT/STRAIGHT ARROW

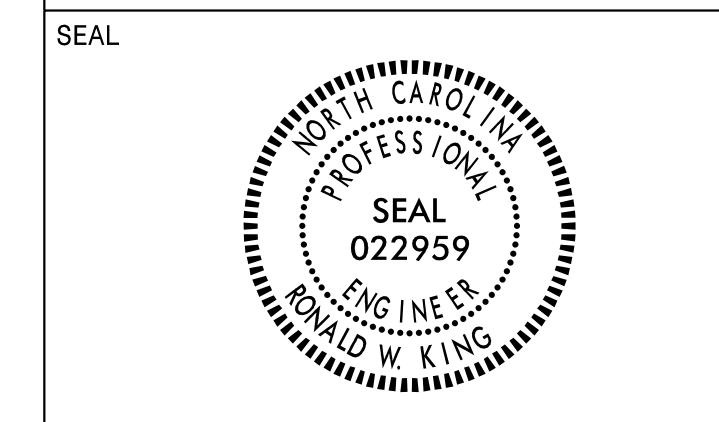





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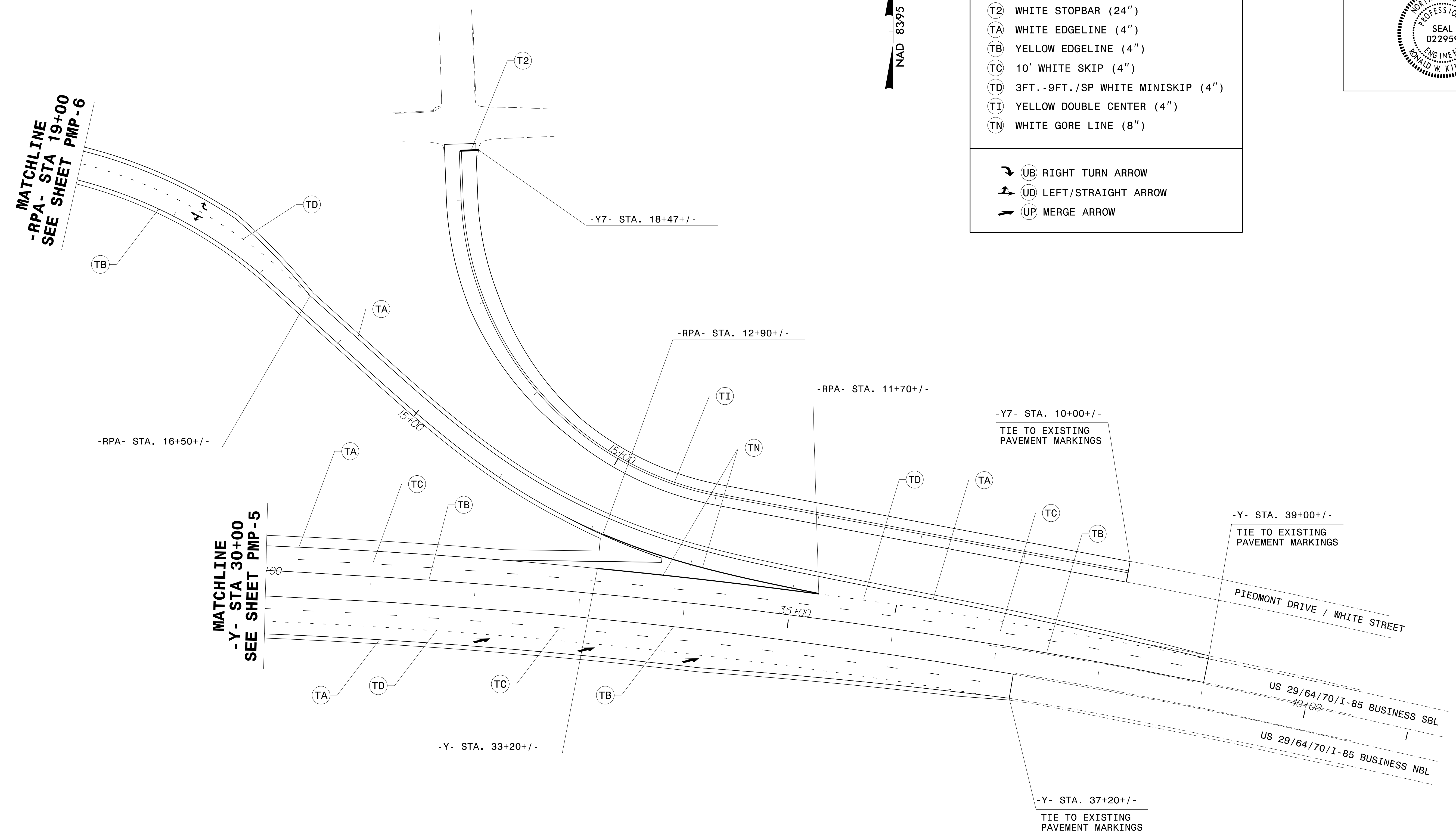
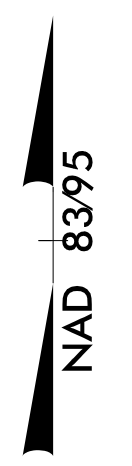
**PAVEMENT MARKING DETAIL**



APPROVED:   
DATE: 7/7/2015



SYMBOL AND PAVEMENT MARKING LEGEND	
THERMOPLASTIC	
(T2)	WHITE STOPBAR (24")
(TA)	WHITE EDGELINE (4")
(TB)	YELLOW EDGELINE (4")
(TC)	10' WHITE SKIP (4")
(TD)	3FT.-9FT./SP WHITE MINISKIP (4")
(TI)	YELLOW DOUBLE CENTER (4")
(TN)	WHITE GORE LINE (8")
 (UB)	RIGHT TURN ARROW
 (UD)	LEFT/STRAIGHT ARROW
 (UP)	MERGE ARROW



**PAVEMENT MARKING DETAIL**

7/1/2015  
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