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PROJECT REFERENCE NO. <b>B-5243</b>	SHEET NO. <b>PMP - 1</b>
APPROVED: <i>Ronald W. King</i> <small>13E7AF7B8A4448...</small>	
DATE: 10/6/2015	
SEAL	



**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN  
UNION COUNTY**

**LOCATION: BRIDGE ON SR 1008 OVER SOUTH FORK  
CROOKED CREEK AND IMPROVEMENT OF THE  
INTERSECTION OF SR 1009 AND SR 1371**

**T.I.P.: B-5243**

**CONTRACT: C203663**

**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
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION

**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.

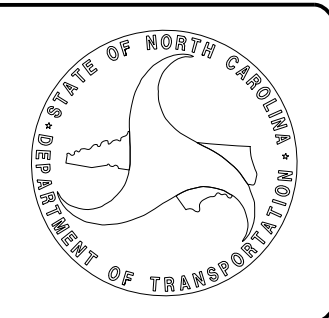
- A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:  
  
SOUTH INDIAN TRAIL RD      THERMOPLASTIC      RAISED
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) PASSING 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) 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.
- G) SEE ROADWAY PLANS FOR ALTERNATE CURB RAMP DESIGNS WHEN INDICATED ON PAVEMENT MARKING DETAIL SHEETS.

**INDEX**


SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE
PMP-2	PAVEMENT MARKING SCHEDULE
PMP-3	CROSSWALK PAVEMENT MARKING GUIDANCE DETAIL
PMP-4	SYMBOLS AND MESSAGES GUIDANCE DETAIL
PMP-5-6	PAVEMENT MARKING DETAIL

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

     Kelvin Jordan    SIGNING & DELINEATION REGIONAL ENGINEER  
     J.Navarrete      SIGNING & DELINEATION PROJECT DESIGN ENGINEER



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PROJECT REFERENCE NO. <b>B-5243</b>	SHEET NO. <b>PMP-2</b>
APPROVED: <i>Ron King</i> <small>13E7AF78AA4448</small>	
DATE: 10/6/2015	
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**PAVEMENT MARKING SCHEDULE**

PAVEMENT MARKINGS  
FINAL

THERMOPLASTIC(24", 120 MILS)

- T2 WHITE STOPBAR
- T3 WHITE CROSSWALK LINES

THERMOPLASTIC(4", 120 MILS)

- T8 2 FT. - 6 FT./SP WHITE MINISKIP
- TD 3 FT. - 9 FT./SP WHITE MINISKIP
- TE WHITE SOLID LANE LINE
- TF 10 FT. YELLOW SKIP
- TH YELLOW SINGLE CENTER
- TI YELLOW DOUBLE CENTER

THERMOPLASTIC(4", 90 MILS)

- TA WHITE EDGELINE
- TB YELLOW EDGELINE

THERMOPLASTIC(8", 90 MILS)

- TO WHITE DIAGONAL
- TP YELLOW DIAGONAL

THERMOPLASTIC  
PAVEMENT MARKING SYMBOLS (90 MILS)

- UA LEFT TURN ARROW
- UE COMBO STRAIGHT/RIGHT ARROW

PAVEMENT MARKING SYMBOLS (120 MILS)

- UI ALPHANUMERIC CHARACTERS

MARKERS

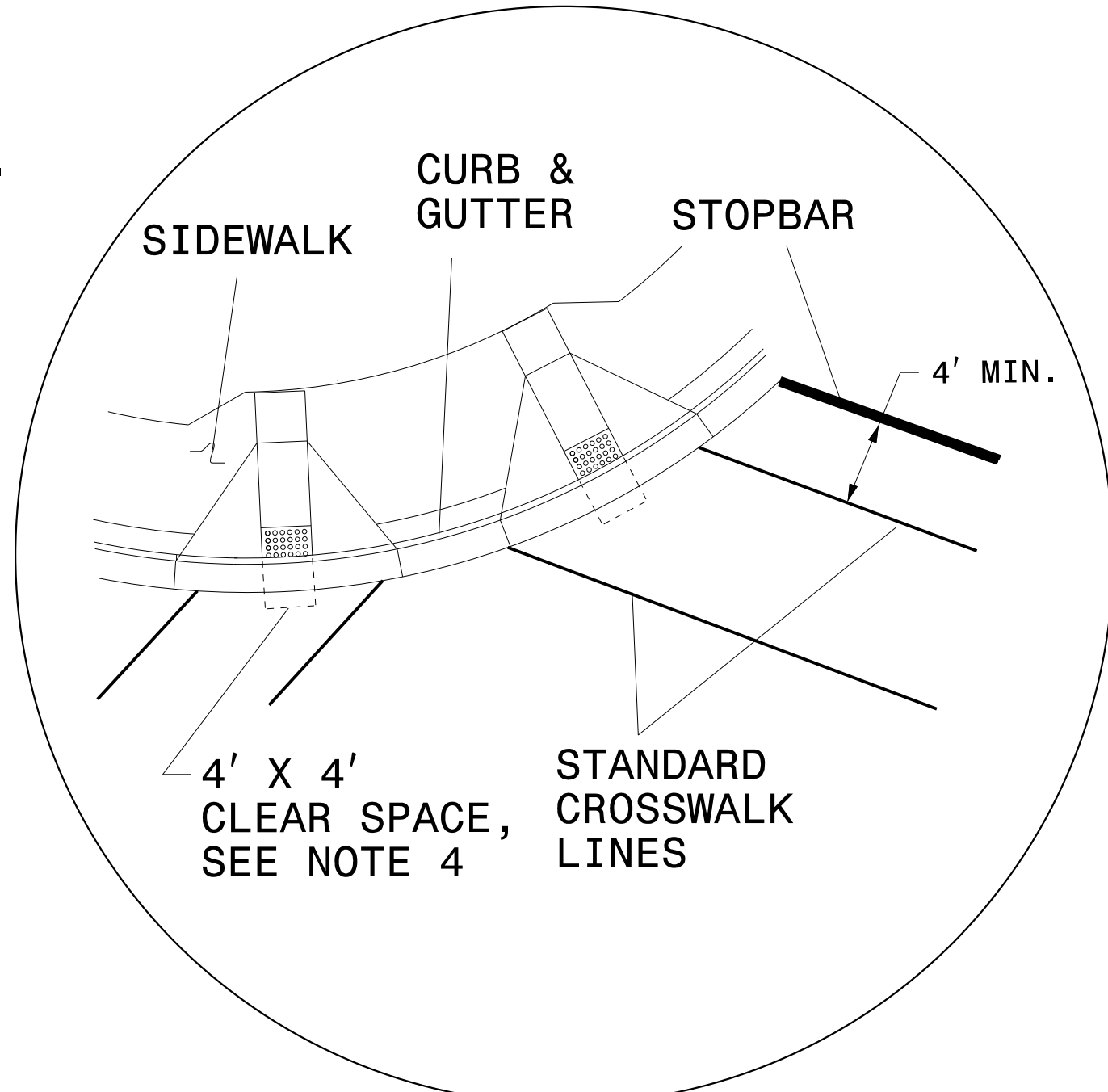
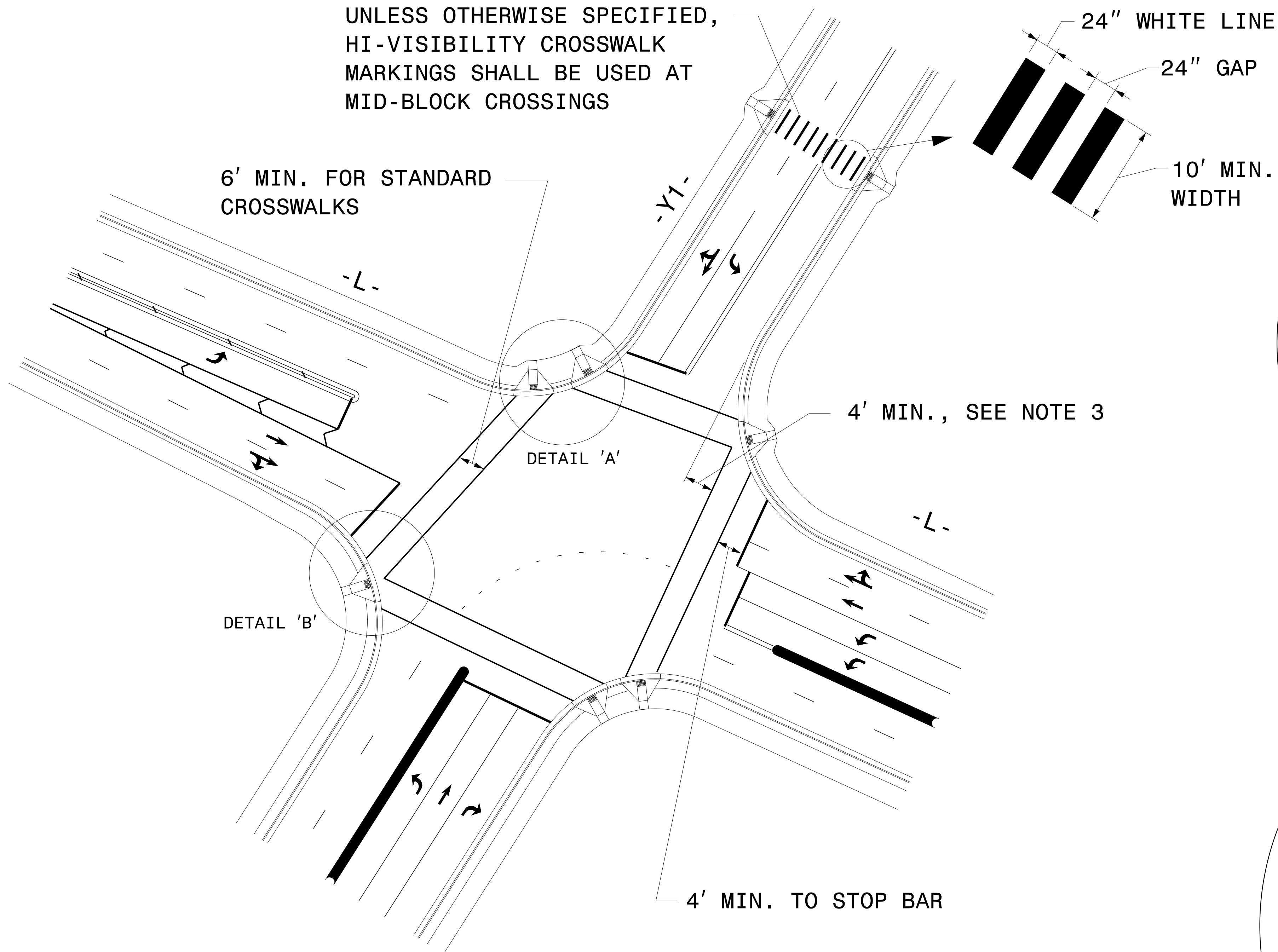
PERMANENT RAISED PAVEMENT MARKERS

- ME YELLOW & YELLOW

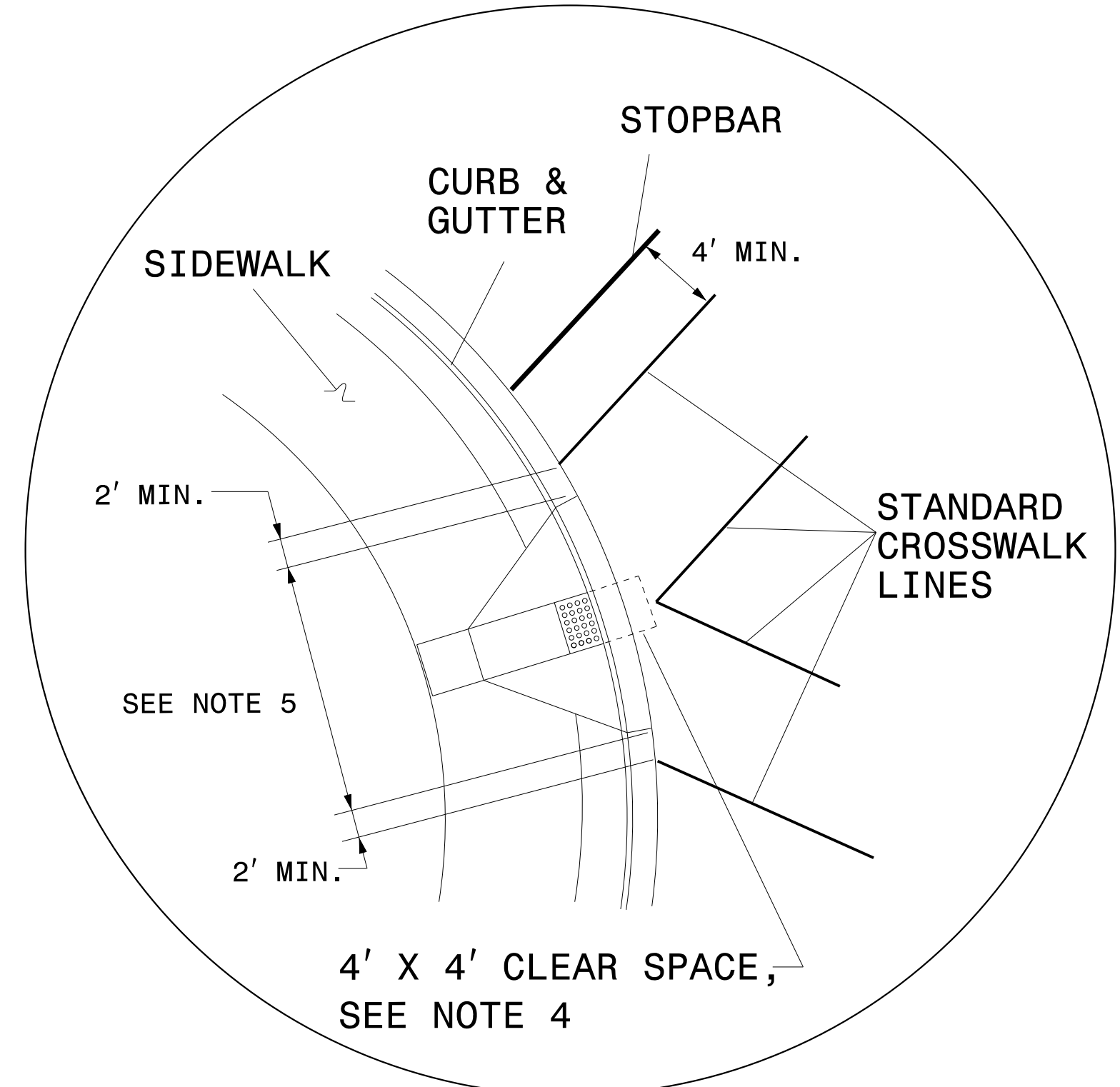
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**PAVEMENT MARKING SCHEDULE**

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:**

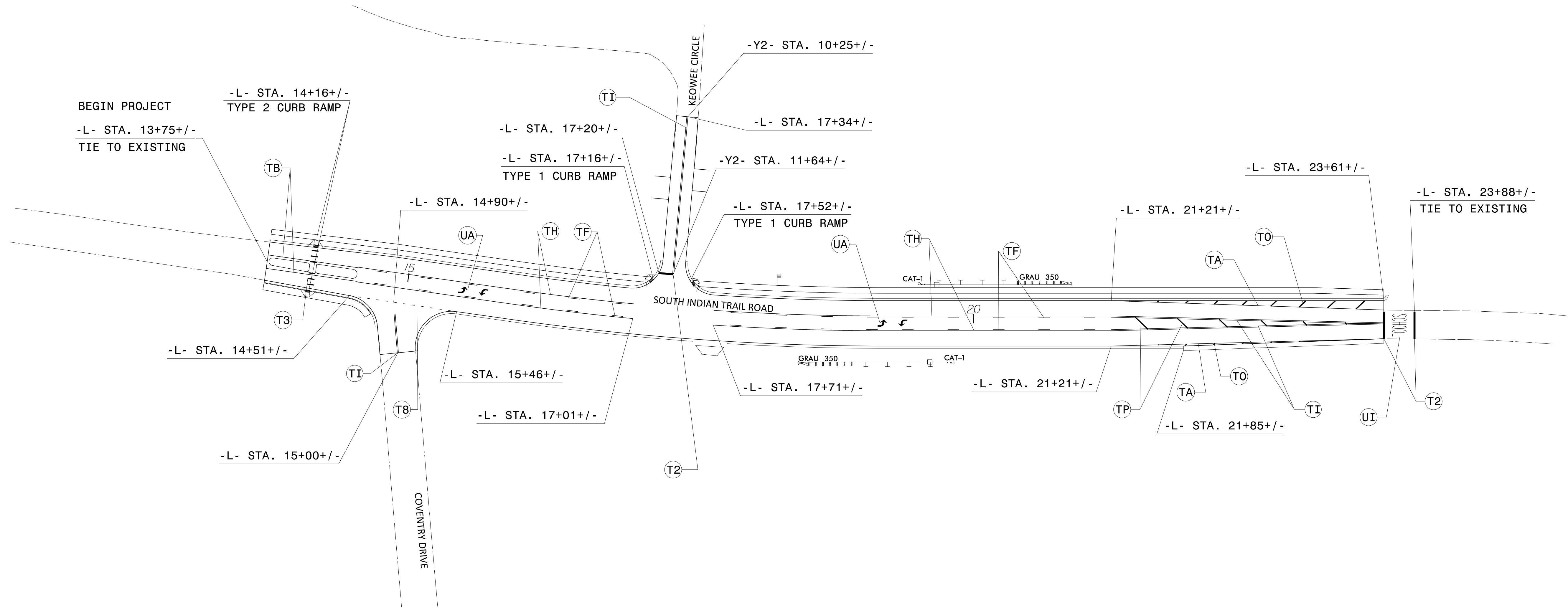
1. USE THE DETAILS ABOVE AND THE FOLLOWING NOTES FOR GUIDANCE IN PLACING CROSSWALK MARKINGS NOT STATIONED ON THE DETAIL SHEETS OR WHEN FIELD ADJUSTMENTS REQUIRED MOVING STATIONED MARKINGS AS DIRECTED BY THE ENGINEER. REFER TO NCDOT ROADWAY STANDARD DRAWINGS, MUTCD AND ADA STANDARDS FOR ADDITIONAL GUIDANCE.
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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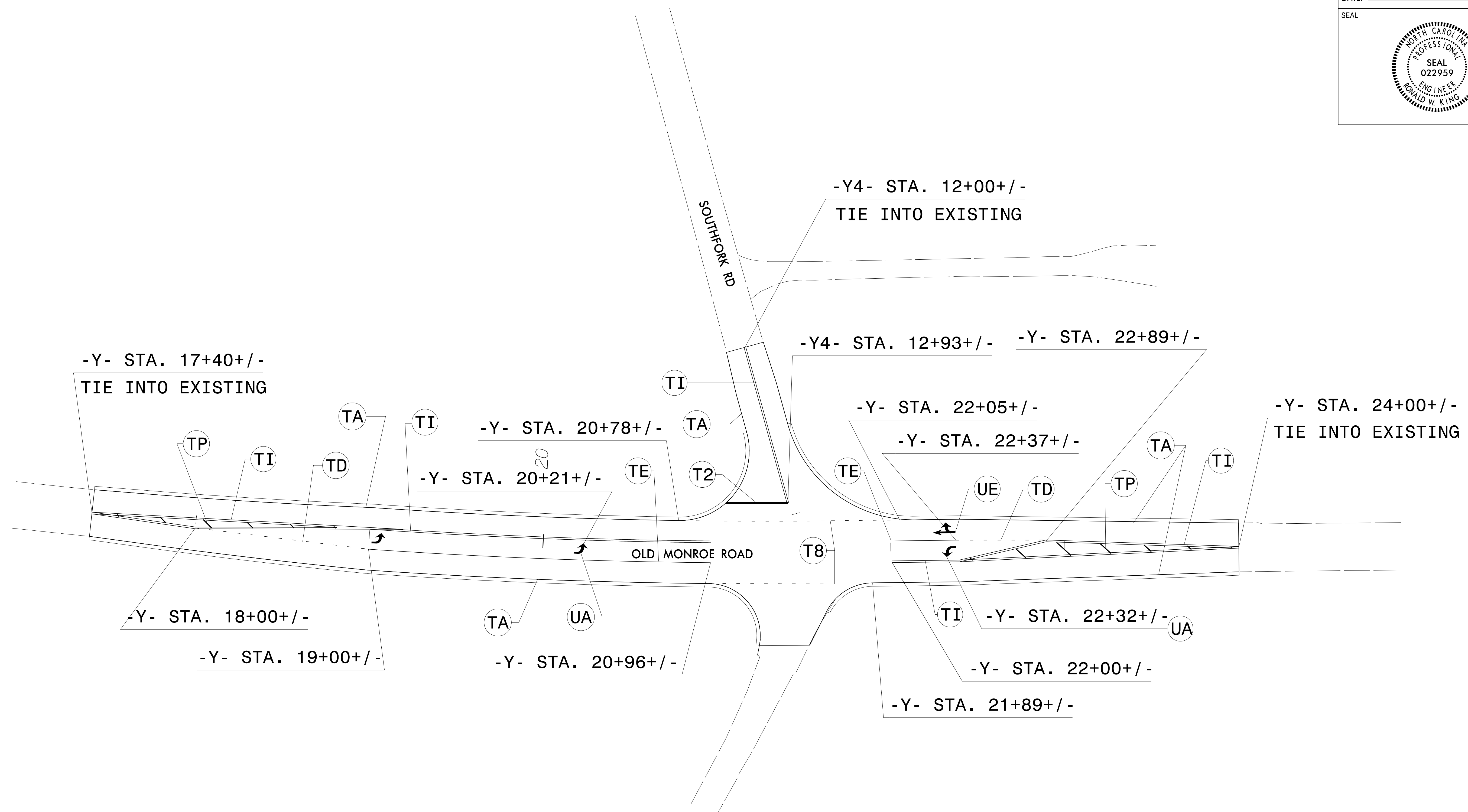
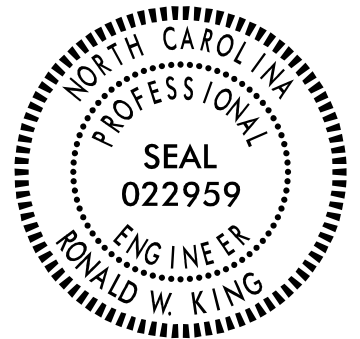
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**PAVEMENT MARKING DETAIL**



**PAVEMENT MARKING DETAIL**

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