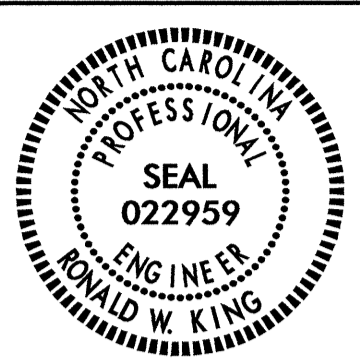


**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

TIP NO. U-3324	SHEET NO. PMP-1
APPROVED: <i>R. King</i>	
DATE: 7/18/12	
SEAL	
	

**PAVEMENT MARKING PLAN  
MOORE COUNTY**

**LOCATION: ABERDEEN-SOUTHERN PINES - INTERSECTION OF  
SR 1309 (MORGANTON RD) AND US 1 (SANDHILLS BLVD)**

**T.I.P.: U-3324**

**CONTRACT: C202886**

**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
1205.06	PAVEMENT MARKINGS - LANE DROPS (SHEETS 2 & 3)
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
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
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
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION
1267.01	FLEXIBLE DELINEATORS - INSTALLATION
1267.02	FLEXIBLE DELINEATORS - SPACING TABLES
1267.03	FLEXIBLE DELINEATORS - INTERCHANGE PLACEMENT

**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
US 1 -L-	THERMOPLASTIC	SNOWPLOWABLE
SR 1309 (MORGANTON RD)	THERMOPLASTIC	SNOWPLOWABLE
BRIDGE	COLD APPLIED PLASTIC	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) 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.

**PAVEMENT  
MARKING SCHEDULE**

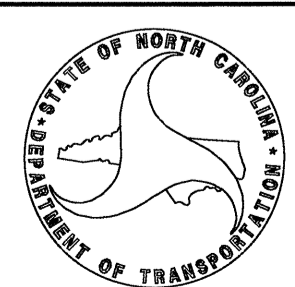
SYMBOL	DESCRIPTION
THERMOPLASTIC(12", 90 MILS)	
TS	WHITE GORELINE
THERMOPLASTIC(24", 120 MILS)	
T2	WHITE STOPBAR
COLD APPLIED PLASTIC (4")	Type2 - Permanent High Performance
CA	WHITE EDGELINE
CC	10 FT. WHITE SKIP
CI	YELLOW DOUBLE CENTER
THERMOPLASTIC(4", 120 MILS)	
TC	10 FT. WHITE SKIP
TD	3 FT. - 9 FT./SP 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
COLD APPLIED PLASTIC (6")	Type2 - Permanent High Performance
CK	3 FT. - 9 FT./SP WHITE MINISKIP
CL	WHITE SOLID LANE LINE
THERMOPLASTIC(8", 90 MILS)	
TO	WHITE DIAGONAL
TP	YELLOW DIAGONAL
THERMOPLASTIC(8", 120 MILS)	
TQ	WHITE CROSSWALK LINE
THERMOPLASTICPAVEMENT MARKING CHARACTER (120 MILS)	
UI	ALPHANUMERIC CHAR.
COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL Type2 - Permanent High Performance	
DA	LEFT TURN ARROW
DB	RIGHT TURN ARROW
THERMOPLASTICPAVEMENT MARKING SYMBOLS (90 MILS)	
UA	LEFT TURN ARROW
UB	RIGHT TURN ARROW
UC	STRAIGHT ARROW
UE	COMBO.STRAIGHT/RIGHT
UP	MERGE ARROW
MARKERS	
PERMANENT RAISED PAVEMENT MARKERS	
MA	YELLOW & YELLOW
MB	CRYSTAL & RED
SNOWPLOWABLE RAISED PAVEMENT MARKERS	
ME	YELLOW & YELLOW
MF	CRYSTAL & RED

**INDEX**

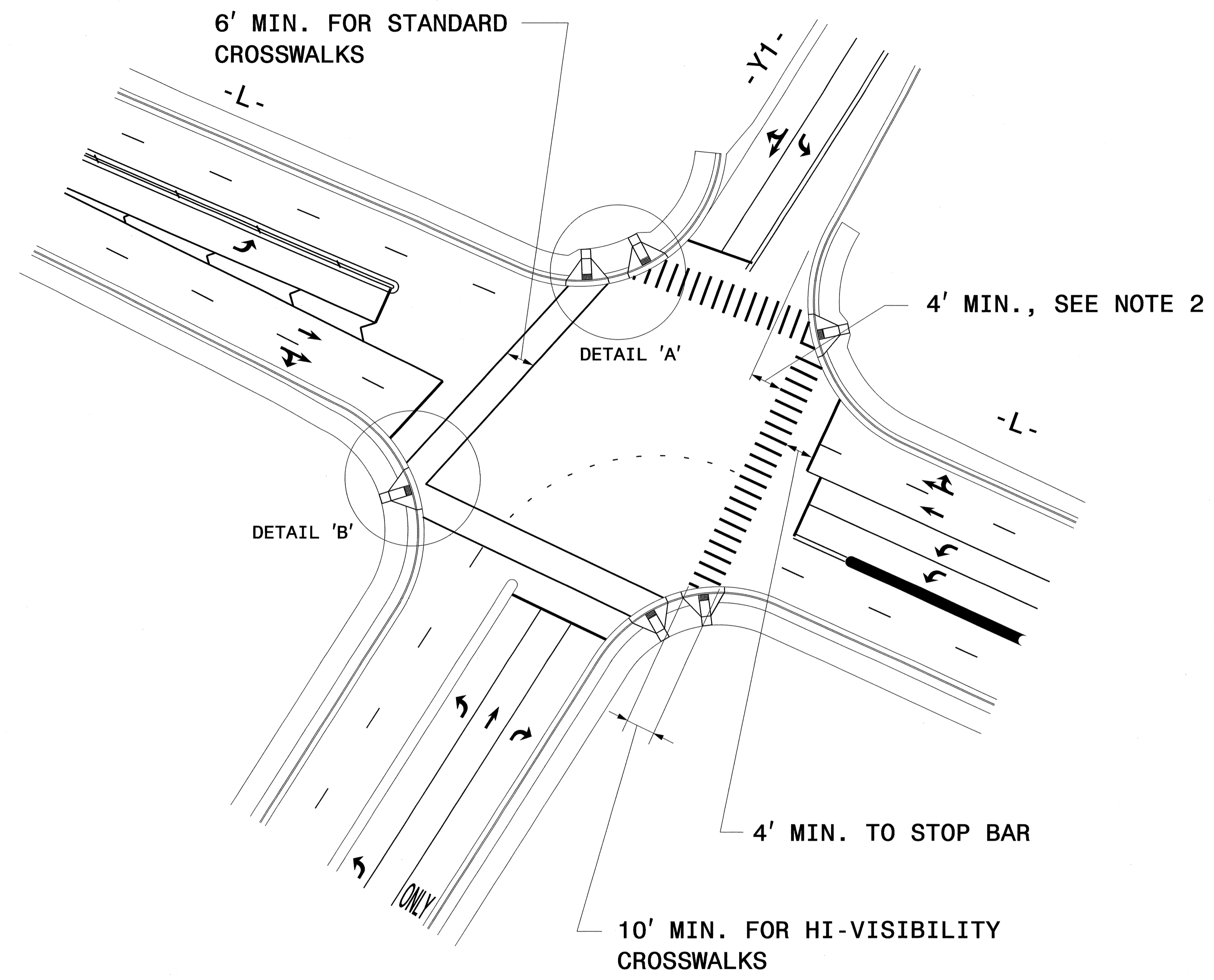
SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET
PMP-2-2A	CROSSWALK AND STOP BAR PAVEMENT MARKING DETAIL
PMP-3-6	PAVEMENT MARKING PLANS

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

SUSAN B. KUNZ SIGNING & DELINEATION REGIONAL ENGINEER  
STACEY JOHNS SIGNING & DELINEATION PROJECT DESIGN ENGINEER

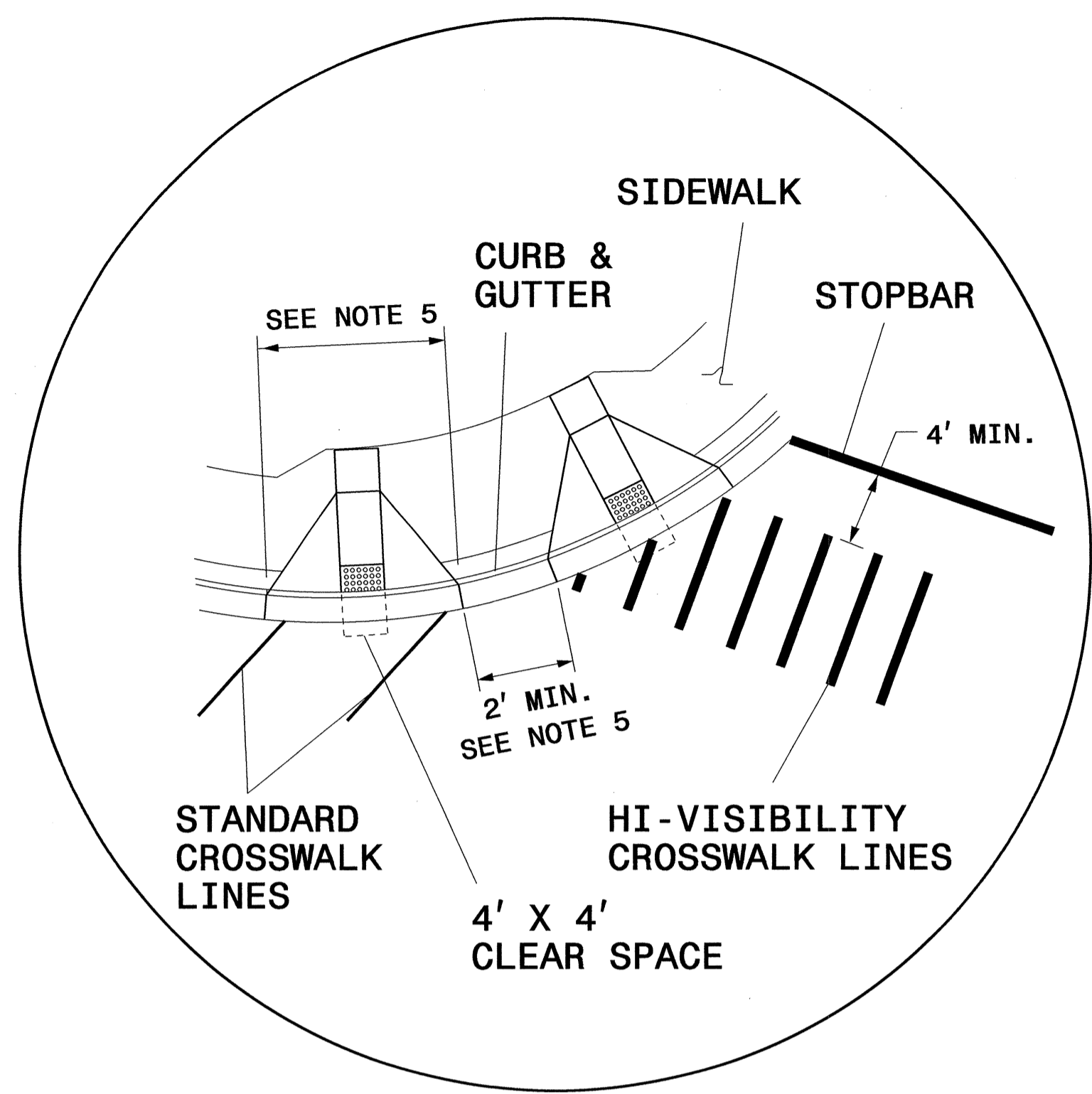


TIP NO.	SHEET NO.
U-3324	PMP-2
APPROVED: <i>[Signature]</i>	
DATE: 6/5/12	
SEAL	
REVISIONS	

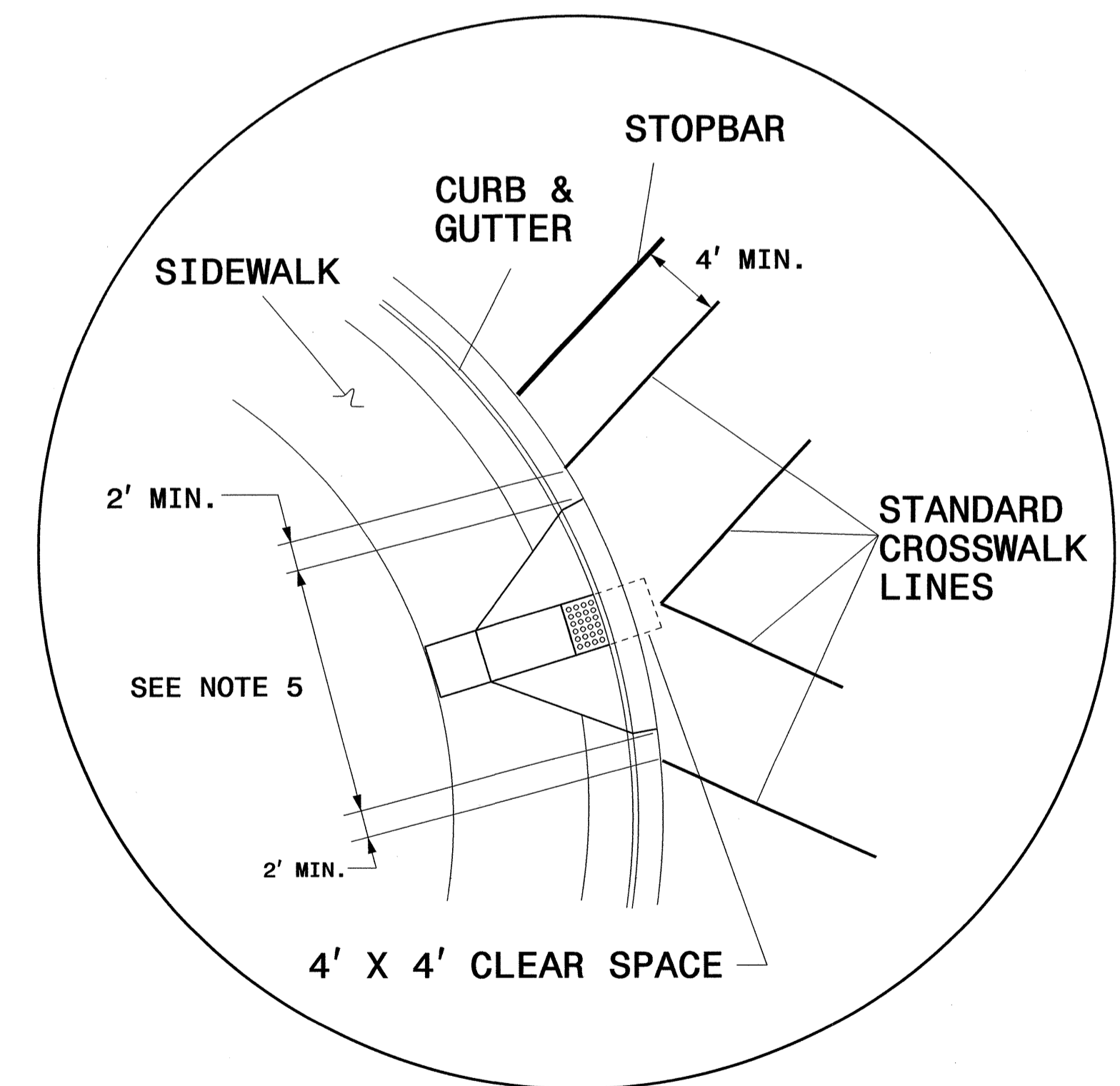


**GUIDANCE DETAIL FOR STANDARD AND HI-VISIBILITY CROSSWALKS AT SIGNALIZED OR STOP SIGN CONTROLLED INTERSECTIONS**

- NOTES:**
1. 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.
  2. SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL IS 4' MIN.
  3. BEYOND THE BOTTOM GRADE BRAKE, A CLEAR SPACE OF 4' X 4' MINIMUM SHALL BE PROVIDED WITHIN THE WIDTH OF THE CROSSWALK.
  4. 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'.
  5. CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE TO THE LATEST NCDOT ROADWAY STANDARD DRAWINGS.



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

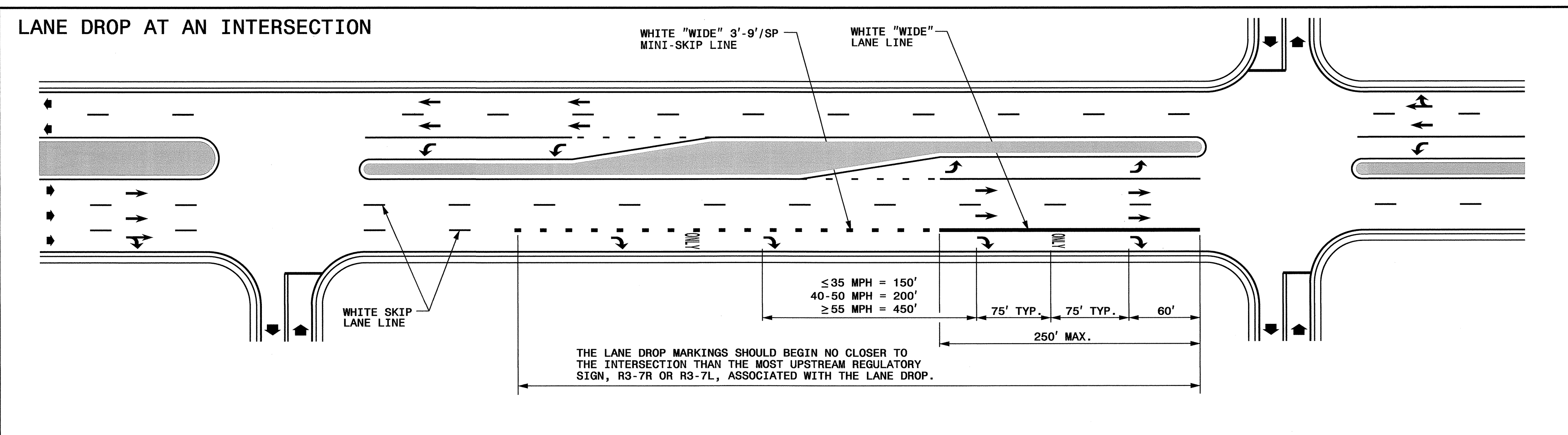


**DETAIL 'B'- SINGLE DIAGONAL CURB RAMP**

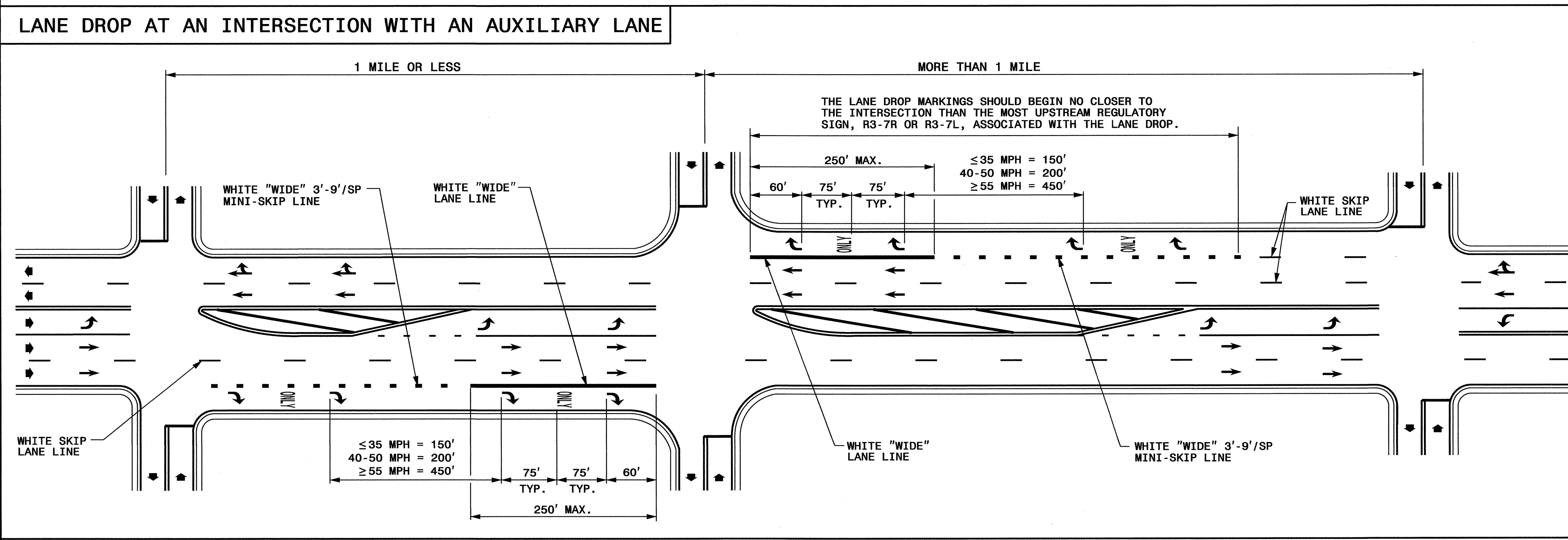
**CROSSWALK AND STOP BAR PAVEMENT MARKING DETAIL**

04-JUN-2012 16:50 P:\TIP\Projects-U\U3324\Tr of fic\Signing\CADD\MP\ Pavement\markingPlan.dgn s10hns AT TE247957

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



ENGLISH DETAIL DRAWING FOR  
**PAVEMENT MARKINGS**  
 LANE DROPS



**GENERAL NOTES:**

- USE THE GUIDANCE SHOWN ON THE ABOVE DETAILS IN CONJUNCTION WITH INTERSECTION GUIDANCE SHOWN ON ROADWAY STANDARD DRAWING 1205.04.
- LANE LINES INDICATED AS "WIDE" SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE.

LEGEND	
W = WIDTH OF TRAVEL LANE	ONLY PAVEMENT MARKING SYMBOLS & CHARACTERS
➔ DIRECTION OF TRAFFIC FLOW	

SHEET 1 OF 3  
**1205D06**

SHEET 1 OF 3  
**1205D06**

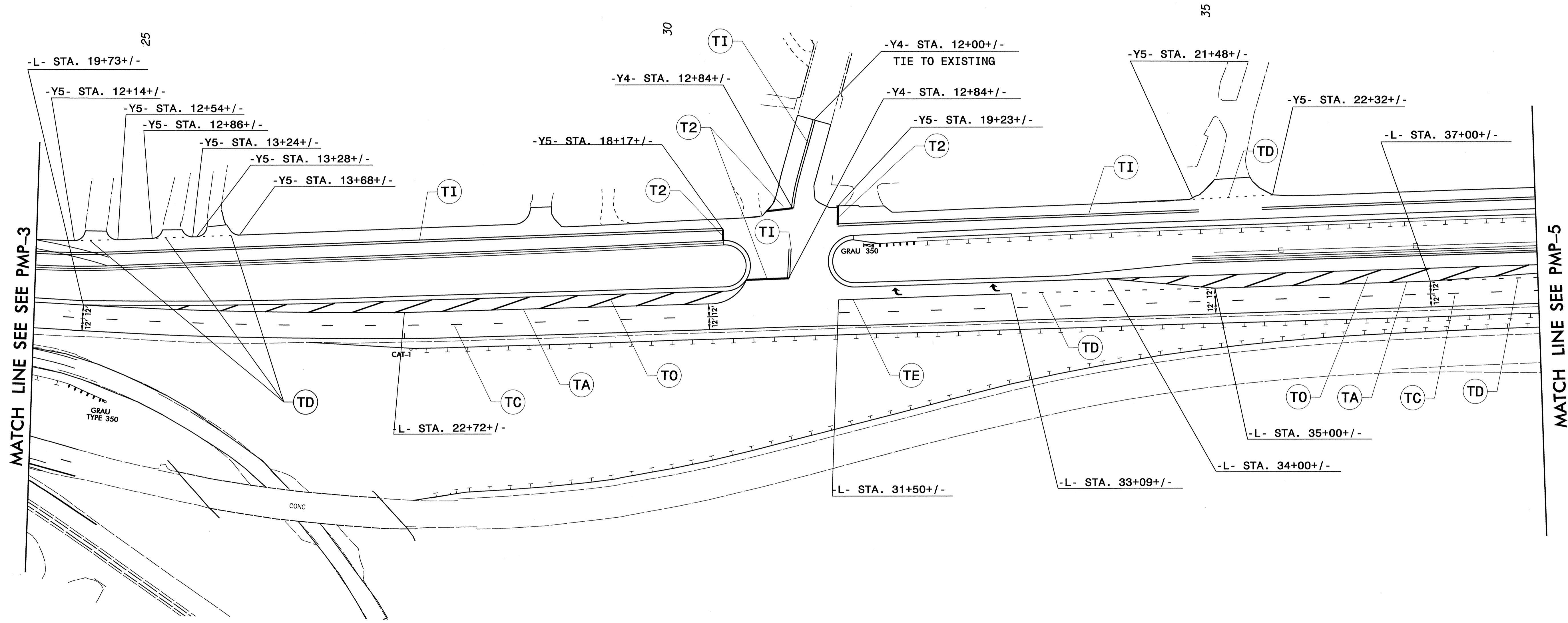
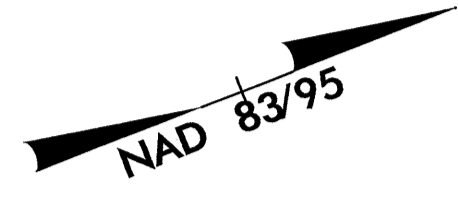
**REVISED PAVEMENT MARKING  
ROADWAY STANDARD DRAWING**

04-JUN-2012 16:51  
 P:\TIP\Projects\U3324\Traffic\Signing\CADD\PM\ Pavement\markingPlan.dgn  
 AT TE247857  
 stjohns






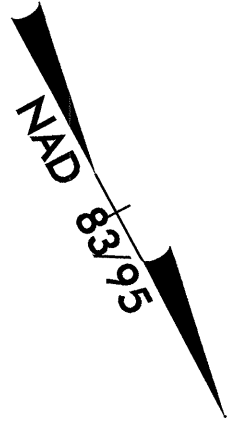
TIP NO. U-3324	SHEET NO. PMP-4
APPROVED: <i>RW</i>	
DATE: 7/18/12	
SEAL	



**PAVEMENT MARKING DETAILS**

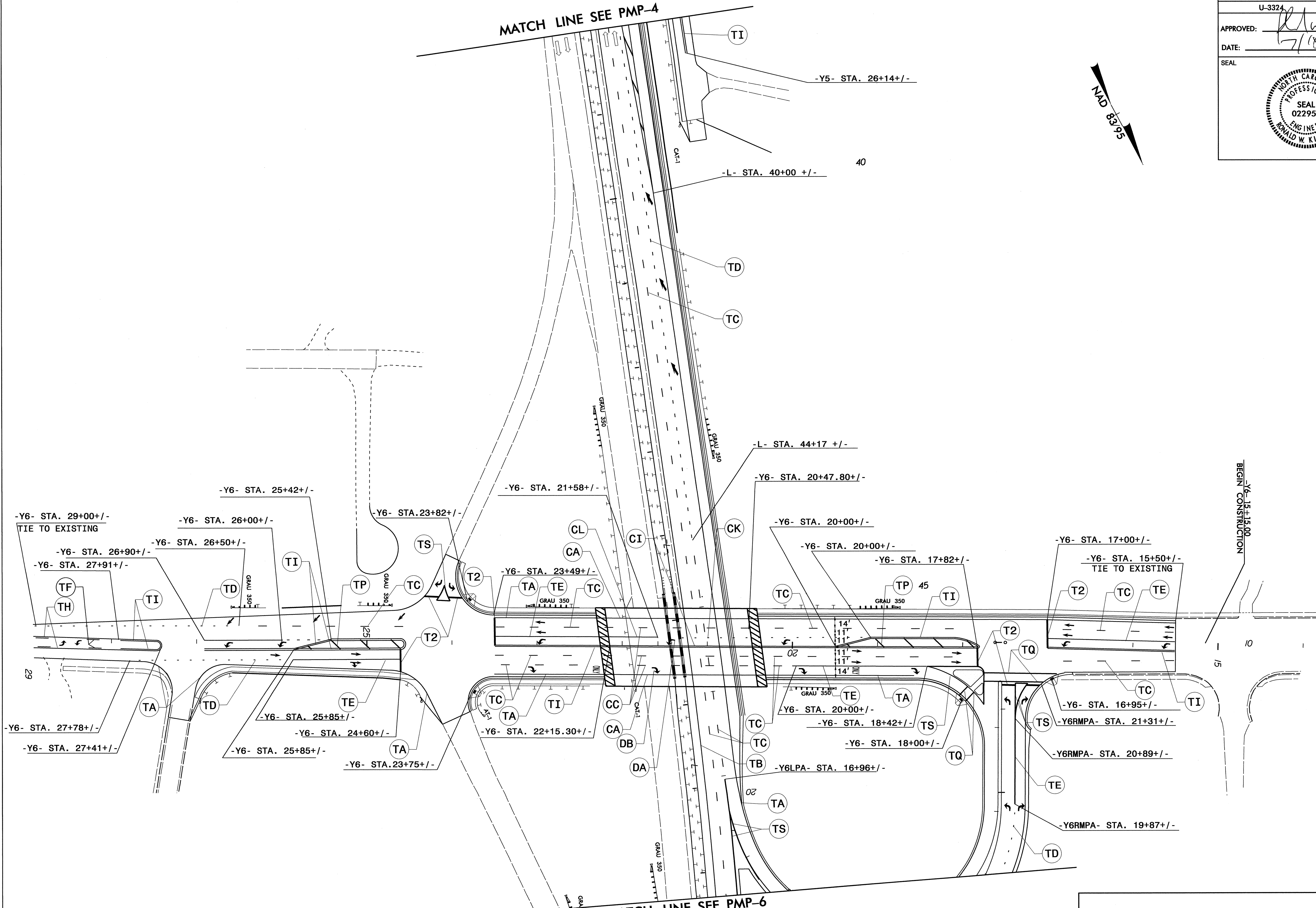
18-JUL-2012 07:35  
 P:\pmp-projects\U3324\Traffic\Signing\CA00\pmp\_u3324\_rdy\_pmp\_03.dgn  
 SJOHNS AT 12247957

TIP NO. U-3324	SHEET NO. PMP-5
APPROVED: <i>[Signature]</i>	
DATE: 7/18/12	
SEAL	
	



MATCH LINE SEE PMP-4


MATCH LINE SEE PMP-6

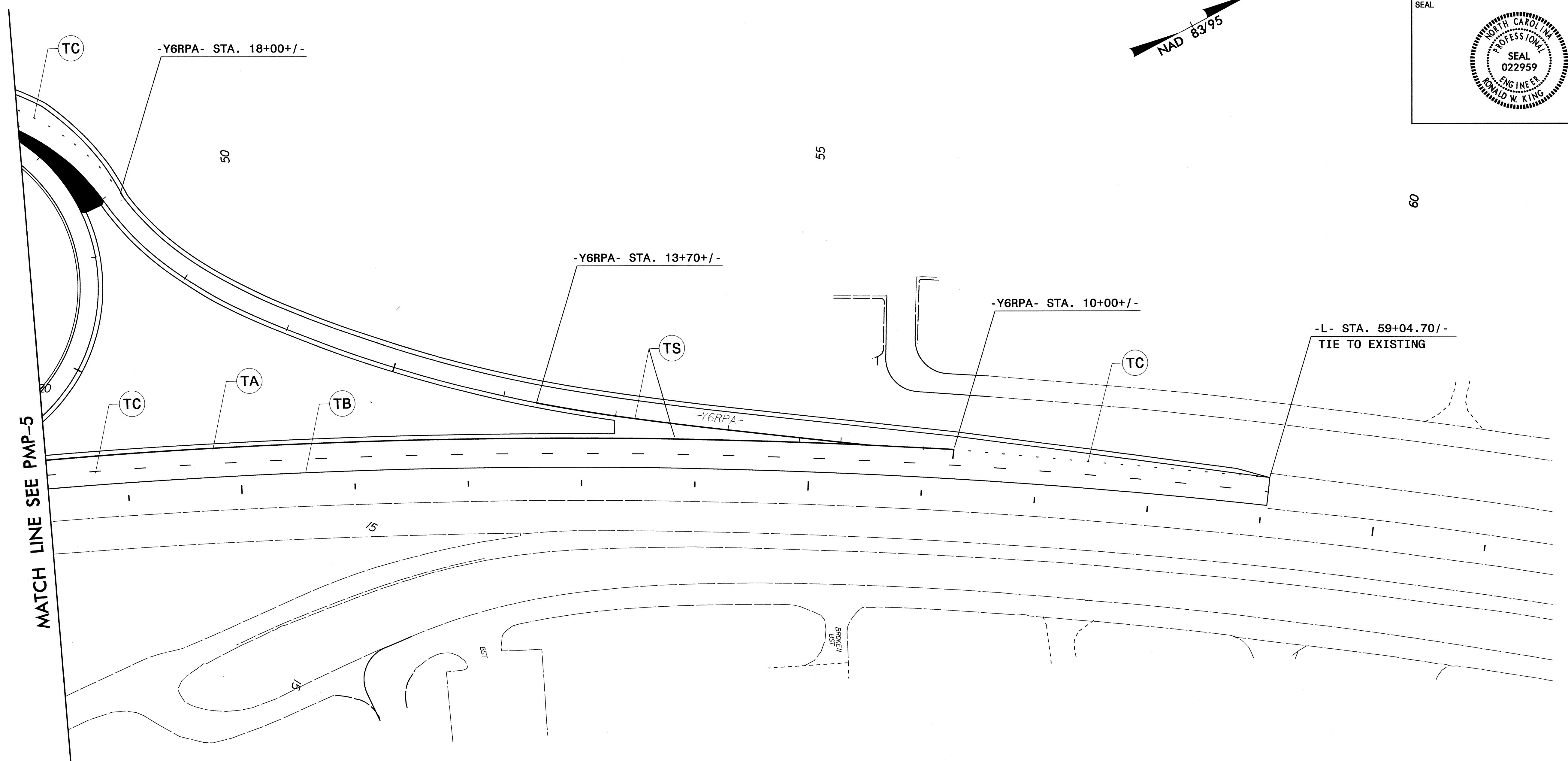
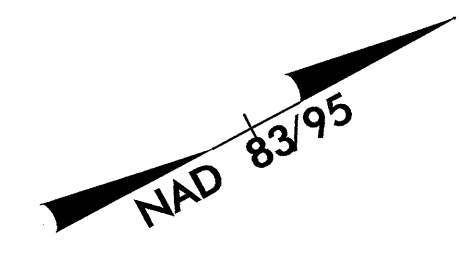


-Y6-15+15.00  
BEGIN CONSTRUCTION

PAVEMENT MARKING DETAILS

18-JUL-2012 07:38  
P:\TIP-U-3324\Signing\CADD\PMU\3324\_rdy\_PMP\_04.dgn  
SJOHNS AT 12/27/97

TIP NO. U-3324	SHEET NO. PMP-6
APPROVED: <i>[Signature]</i>	
DATE: 6/5/12	
SEAL	
	



**PAVEMENT MARKING DETAILS**

04-JUN-2012 16:54  
 P:\TIP\Projects\U3324\Traffic\Signing\CADD\PMU\U3324.rdy\_PMP\_05.dgn  
 a.johns AT TEL 247967