

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
JOHNSTON COUNTY

LOCATION: BRIDGE NO. 40 OVER NEUSE RIVER
ON US 70 BUSINESS

TIP NO. B-3864	SHEET NO. PMP-1
APPROVED: <i>[Signature]</i>	
DATE: 11-7-11	
SEAL	

T.I.P.: B-3864

B-3864 FINAL PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
(FINAL PAVEMENT MARKINGS)	
THERMOPLASTIC (24", 120 MILS)	
T2	WHITE STOPBAR
THERMOPLASTIC (8", 120 MILS)	
TQ	WHITE CROSSWALK LINE
POLYUREA (4", 120 MILS)	
VC	10 FT. WHITE SKIP
VD	3 FT.-9 FT./SP WHITE MINISKIP
VE	WHITE SOLID LANE LINE
VF	10FT. YELLOW SKIP
VH	YELLOW SINGLE CENTER
VI	YELLOW DOUBLE CENTER
POLYUREA (4", 90 MILS)	
VA	WHITE EDGELINE
THERMOPLASTICPAVEMENT MARKING SYMBOLS (90 MILS)	
UA	LEFT TURN ARROW
UC	STRAIGHT ARROW
(MARKERS)	
PERMANENT RAISED PAVEMENT MARKERS	
MA	YELLOW & YELLOW
MB	CRYSTAL & RED

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 - 2 LANE AND MULTILANE ROADWAYS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOL AND WORD MESSAGES
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	PAVEMENT MARKER SPACING
1251.01	RAISED PAVEMENT MARKERS
1261.01	GUARDRAIL AND BARRIER DELINEATOR SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATOR TYPES
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:

ROAD NAME	MARKING	MARKER
-L- US 70 BUSINEES	POLYUREA	PERMANENT RAISED MARKER
-L-	(STOPBAR, CROSSWALK AND SYMBOLS)	THERMOPLASTIC

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) STOPBAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

F) REMOVE ALL RESIDUE AND SURFACE LAITANCE BY ACCEPTABLE METHODS ON THE BRIDGE DECK(S) PRIOR TO PLACING (PAVEMENT MARKING MATERIAL HERE) PAVEMENT MARKING.

G) ON CONCRETE SURFACES, USE HEATED-IN-PLACE THERMOPLASTIC OR COLD APPLIED PLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS.

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

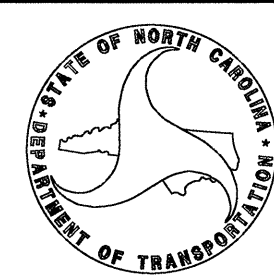
INDEX

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

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

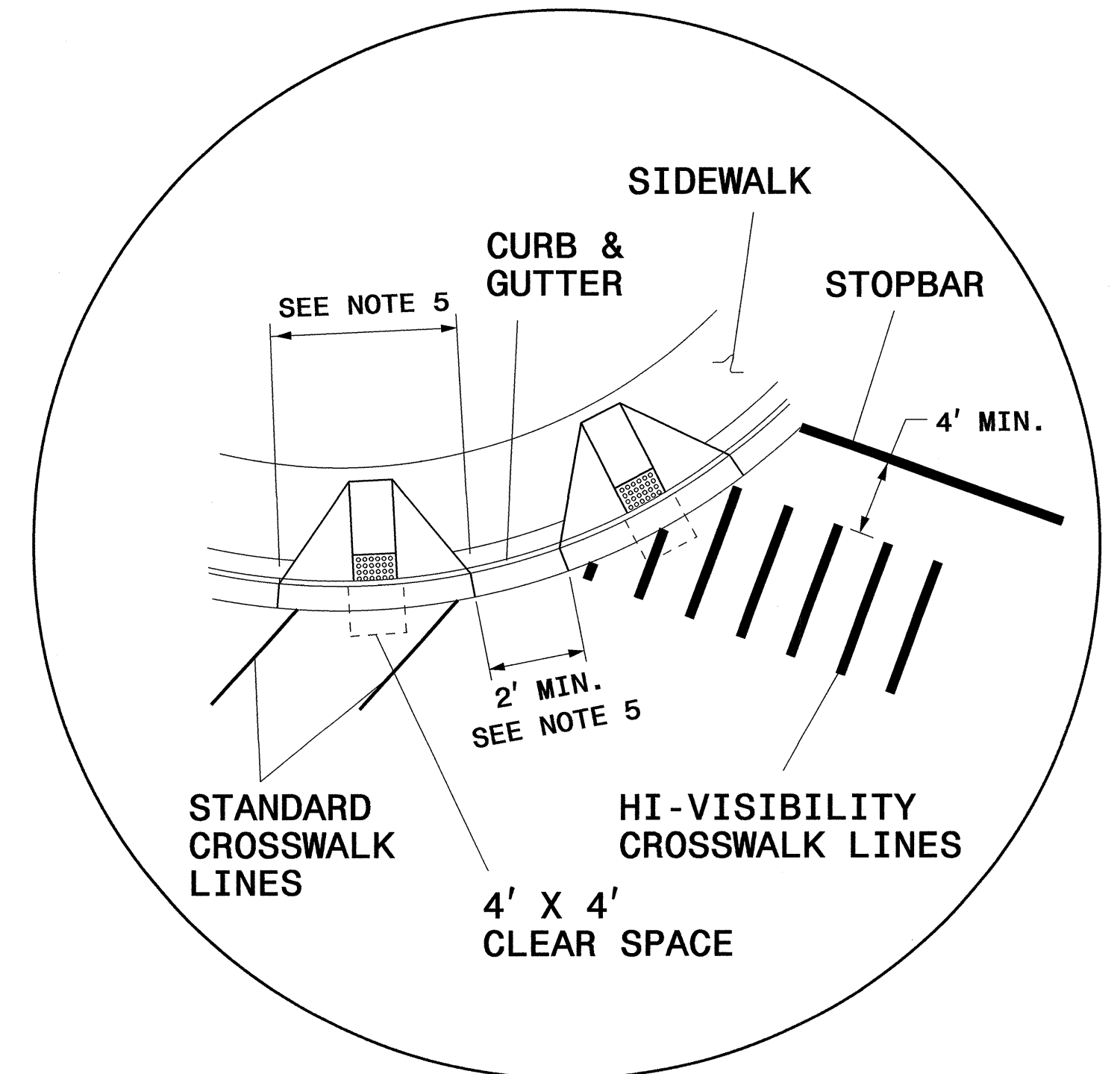
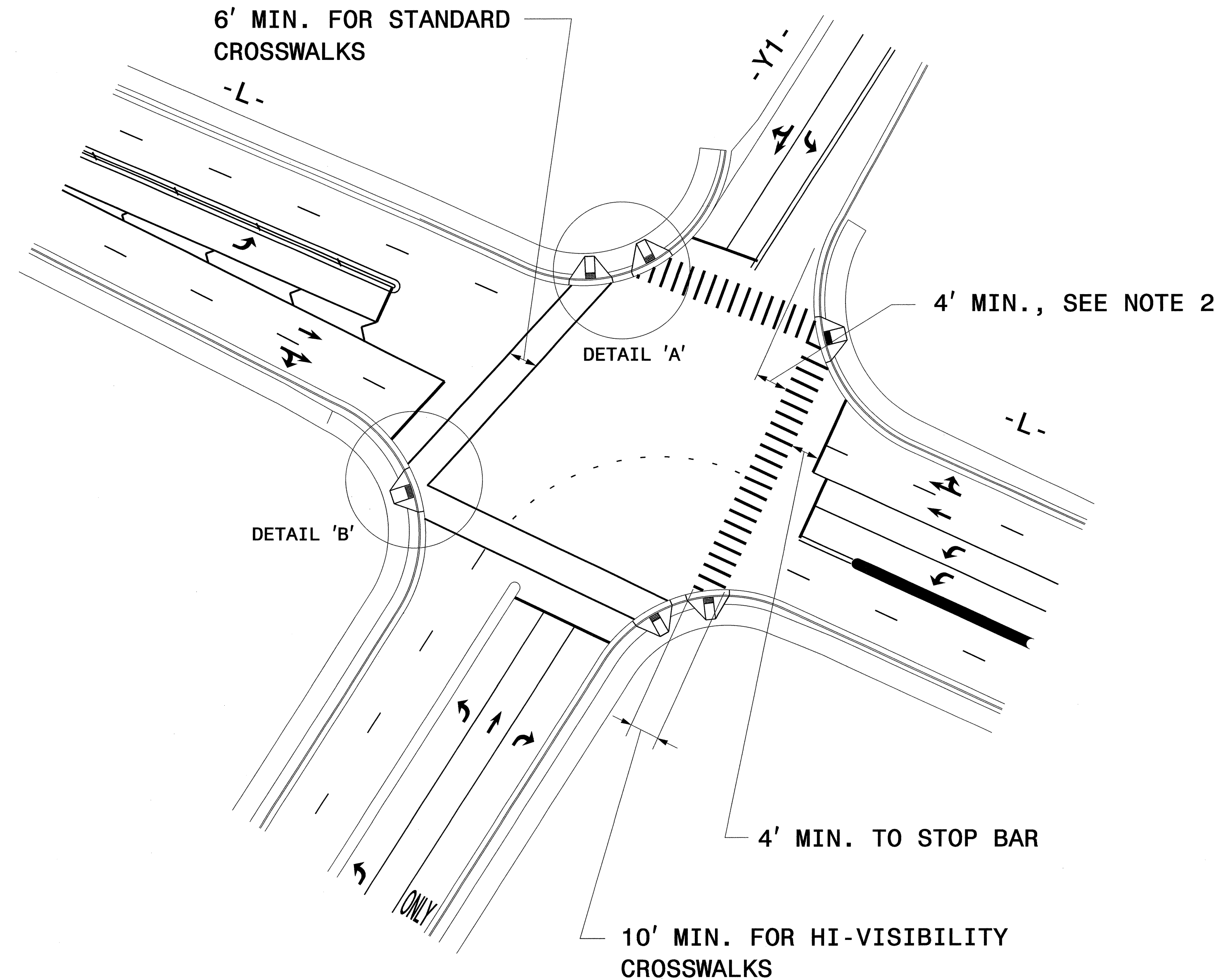
AYMAN ALQUDWAH, PE, CPM SIGNING & DELINEATION REGIONAL ENGINEER

BASIR A. RASHID SIGNING & DELINEATION PROJECT DESIGN ENGINEER

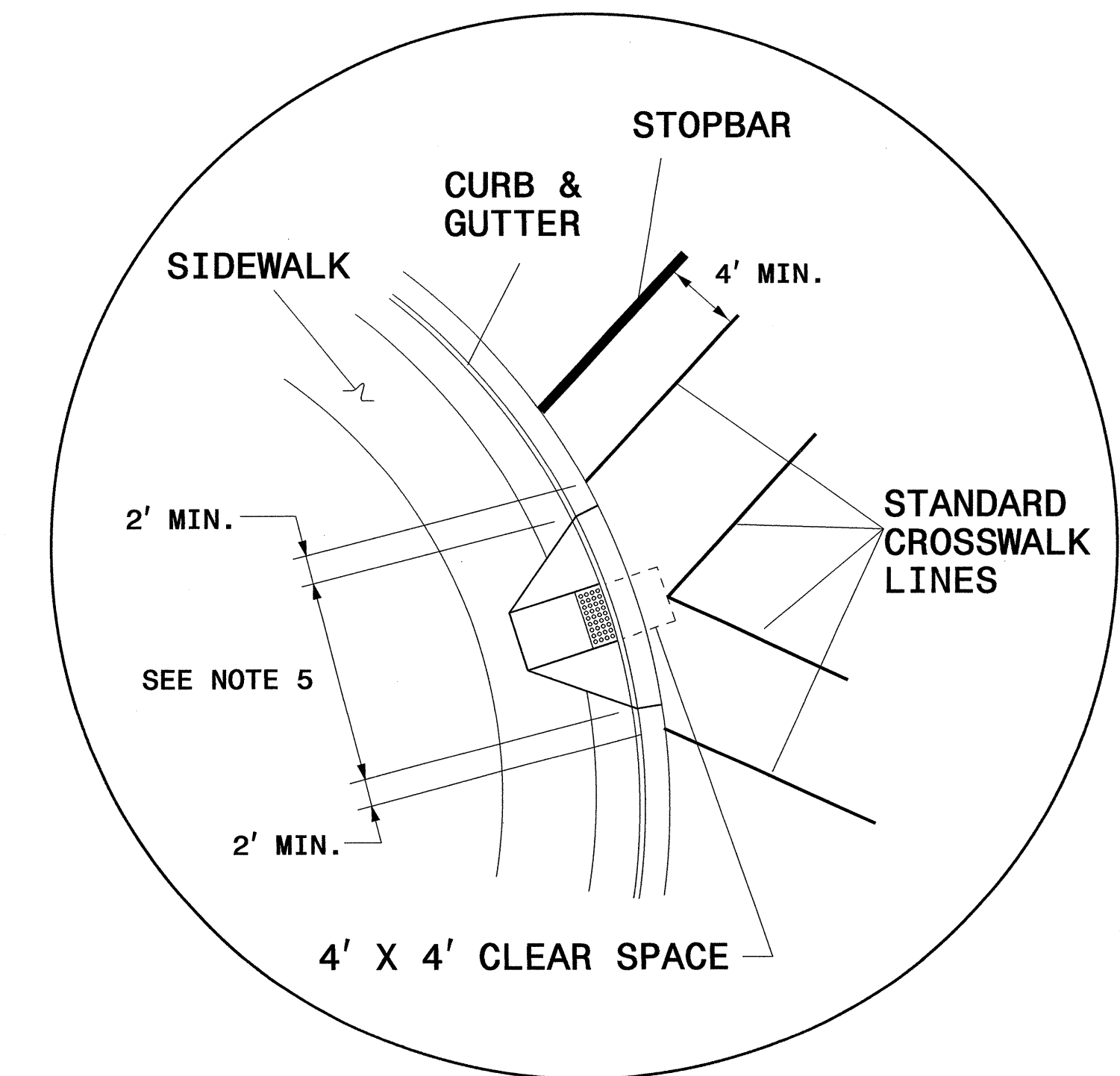


CONTRACT:

TIP NO.	SHEET NO.
B-3864	PMP-2
APPROVED: <i>[Signature]</i>	
DATE: 11-7-11	
SEAL	



DETAIL 'A'- DUAL CURB RAMPS



DETAIL 'B'- SINGLE DIAGONAL CURB RAMP

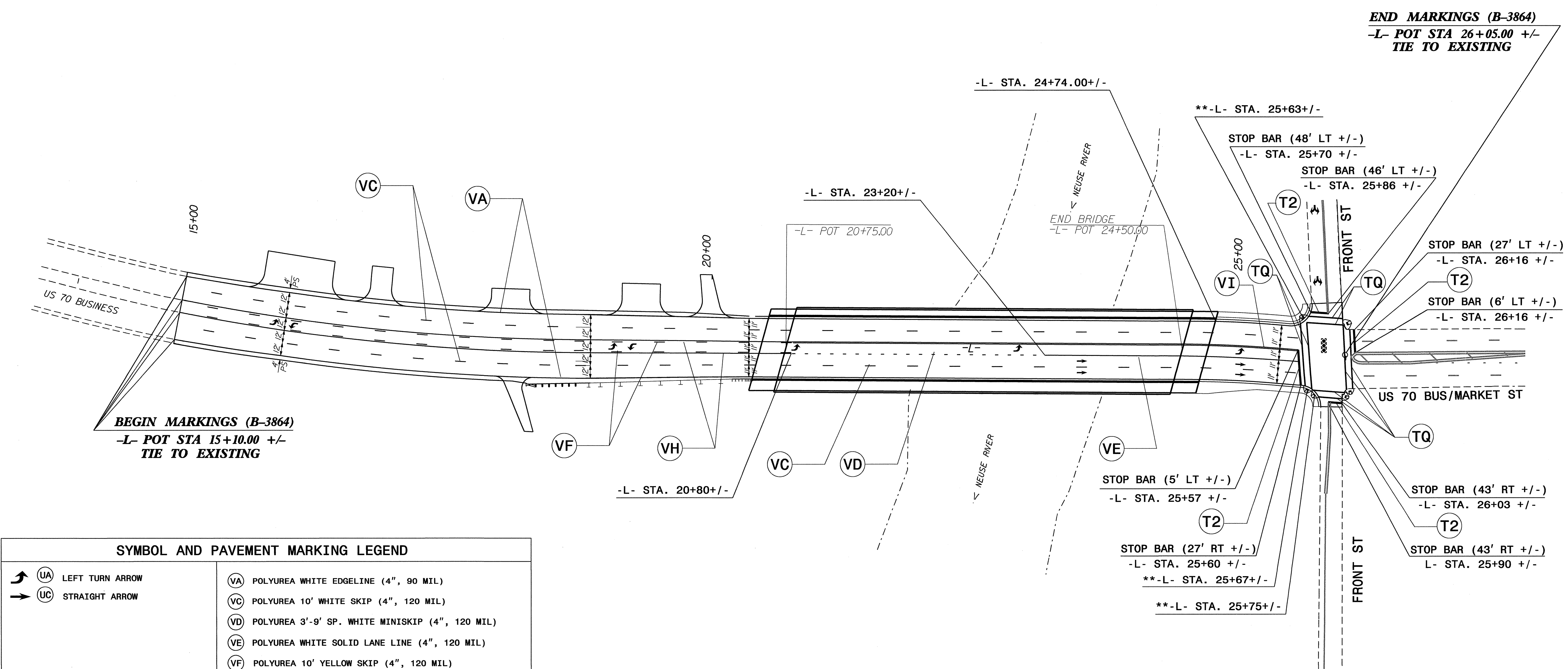
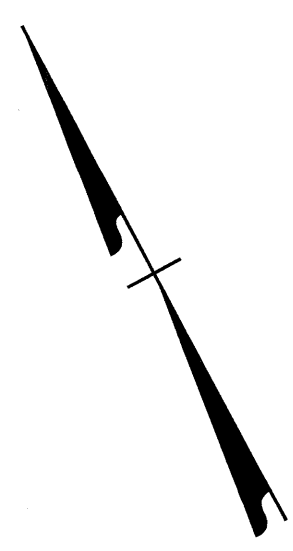
GUIDANCE DETAIL FOR STANDARD AND HI-VISIBILITY CROSSWALKS AT SIGNALIZED OR STOP SIGN CONTROLLED INTERSECTIONS

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 CURB FACE, 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.

CROSSWALK AND STOP BAR PAVEMENT MARKING DETAIL

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TIP NO. B-3864	SHEET NO. PMP-3
APPROVED: <i>[Signature]</i>	
DATE: 11-7-11	
SEAL	



SYMBOL AND PAVEMENT MARKING LEGEND	
UA	LEFT TURN ARROW
UC	STRAIGHT ARROW
VA	POLYUREA WHITE EDGELINE (4", 90 MIL)
VC	POLYUREA 10' WHITE SKIP (4", 120 MIL)
VD	POLYUREA 3'-9" SP. WHITE MINISKIP (4", 120 MIL)
VE	POLYUREA WHITE SOLID LANE LINE (4", 120 MIL)
VF	POLYUREA 10' YELLOW SKIP (4", 120 MIL)
VH	POLYUREA YELLOW SINGLE CENTER (4", 120 MIL)
VI	POLYUREA YELLOW DOUBLE CENTER (4", 120 MIL)
T2	THERMOPLASTIC WHITE STOPBAR (24", 120 MIL)
TQ	THERMOPLASTIC WHITE CROSSWALK LINE (8", 120 MIL)

** CENTER OF CURB RAMP

PAVEMENT MARKING DETAIL

04-NOV-2011 14:09
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