

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
WAKE COUNTY**

**LOCATION: BRIDGE NO.492 OVER SR1012 (WESTERN BLVD.)
ON SR1011 (HILLSBOROUGH STREET)**

| | |
|----------------------------------|-----------------------------------|
| <small>TIP NO.</small> B-4656 | <small>SHEET NO.</small> PMP-1 |
| <small>APPROVED:</small> | |
| <small>DATE:</small> 6/29/12 | |
| <small>SEAL</small> | |

CONTRACT: C202235 T.I.P.: B-4656

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 - 2 LANE AND MULTILANE ROADWAYS |
| 1205.06 | PAVEMENT MARKINGS - THRU LANE DROPS |
| 1205.08 | PAVEMENT MARKINGS - SYMBOL AND WORD MESSAGES |
| 1205.09 | PAVEMENT MARKINGS - PAINTED ISLANDS |
| 1205.12 | PAVEMENT MARKINGS - BRIDGES |
| 1250.01 | PAVEMENT MARKER SPACING |
| 1251.01 | RAISED PAVEMENT MARKERS - TEMPORARY AND PERMANENT |

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

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


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

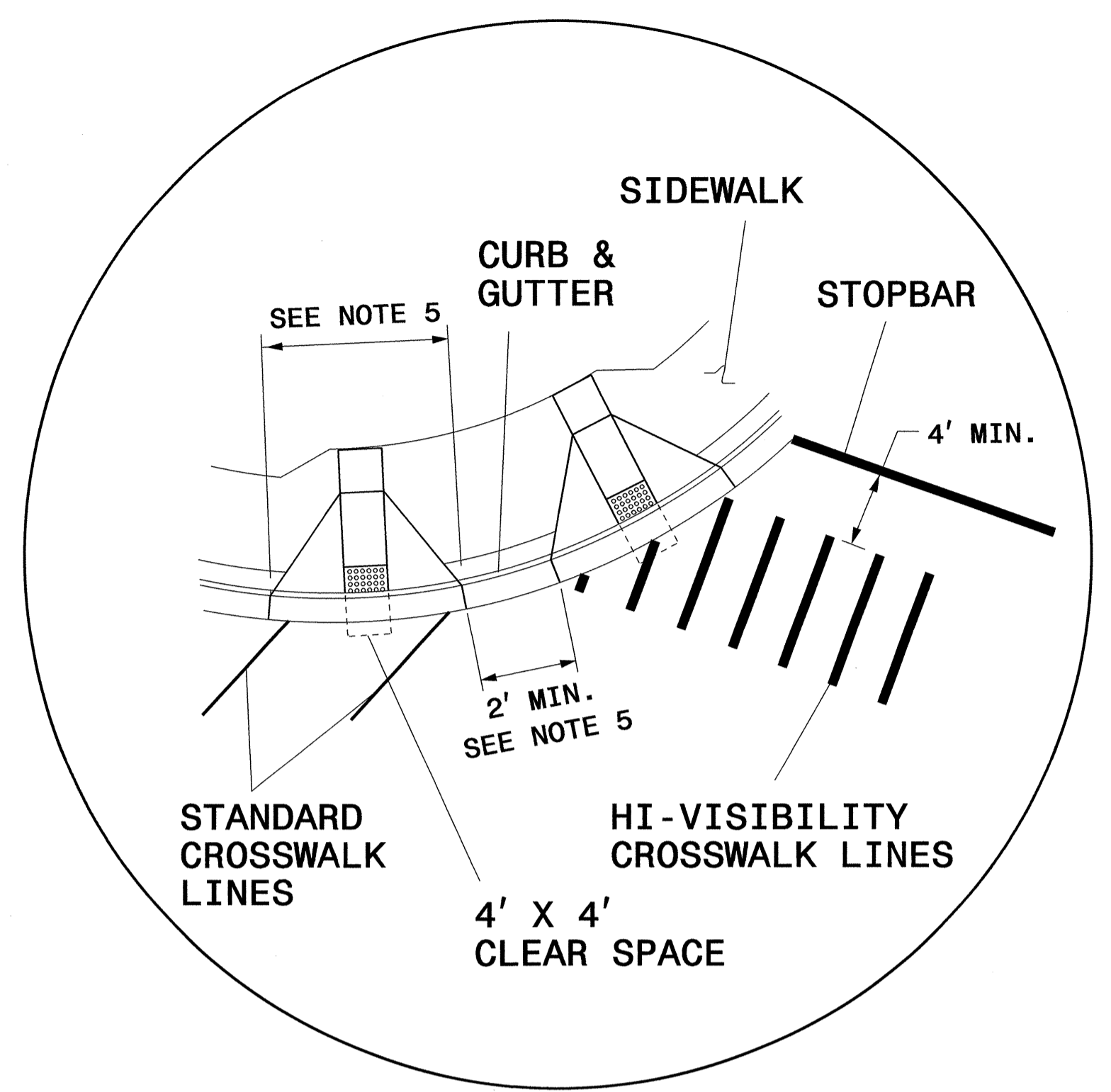
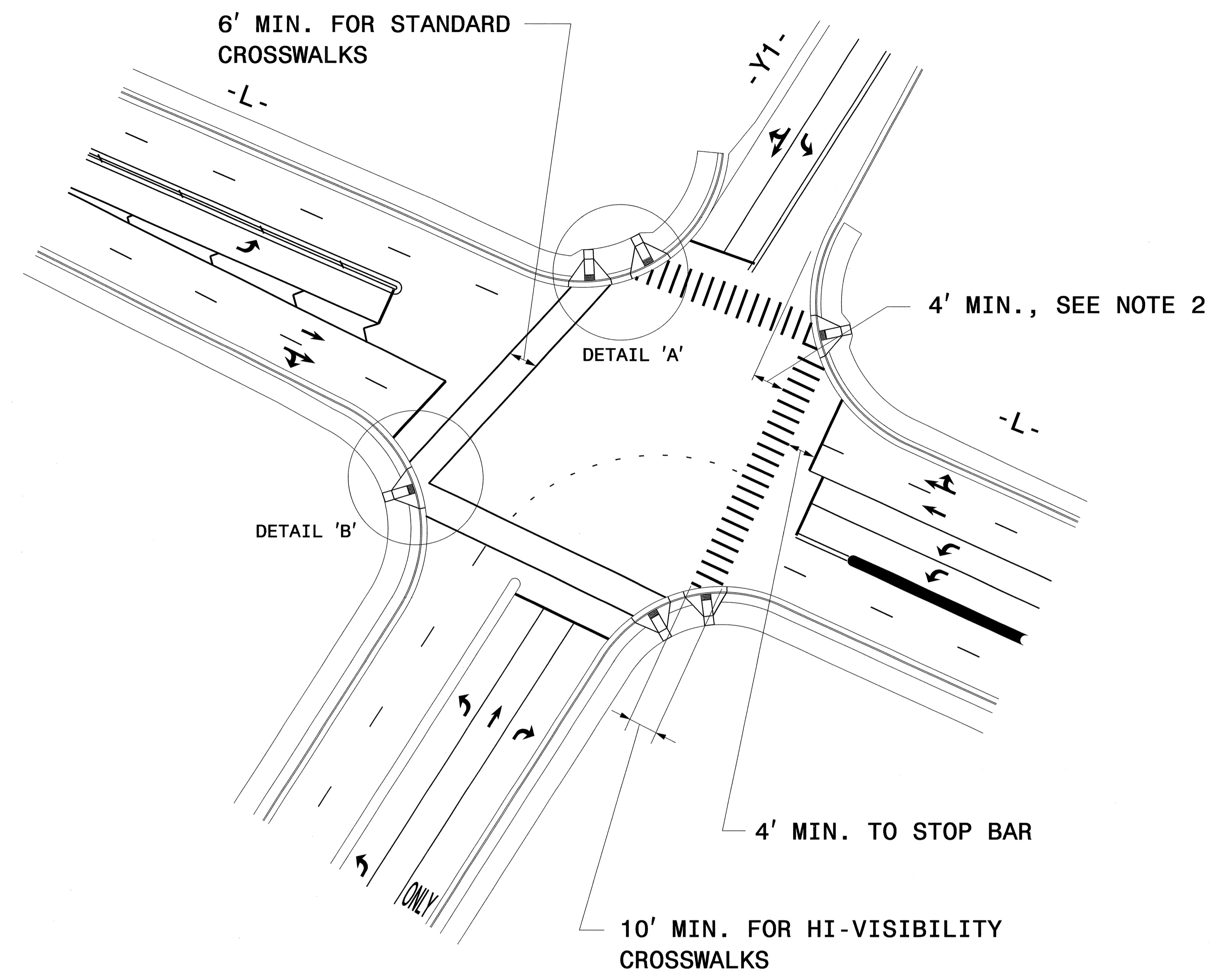
INDEX

| <u>SHEET NO.</u> | <u>DESCRIPTION</u> |
|------------------|--|
| PMP-1 | PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET |
| PMP-2-2A | CROSSWALK AND STOP BAR PAVEMENT MARKING DETAIL |
| PMP-3-4 | PAVEMENT MARKING PLANS |

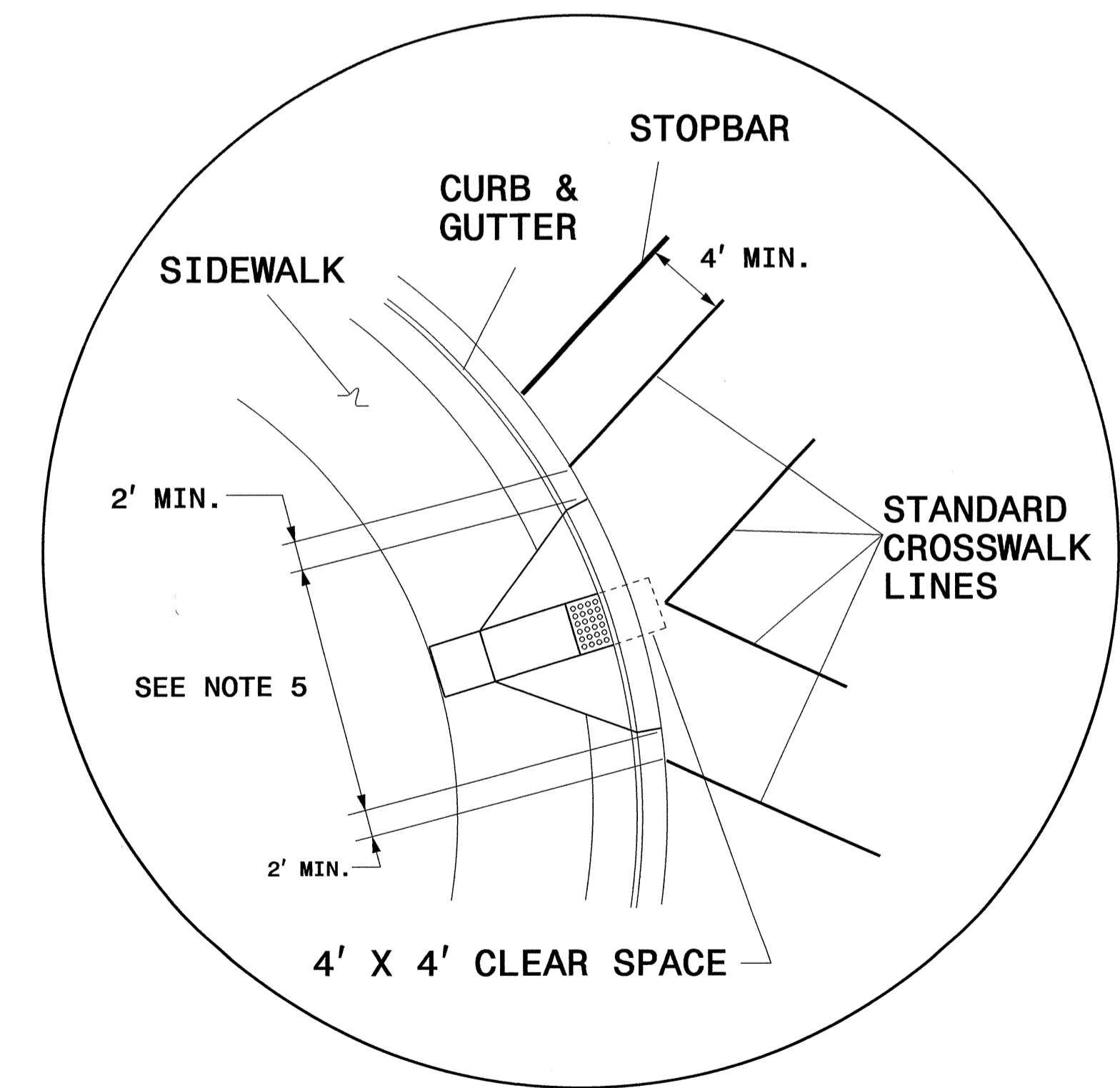
PAVEMENT MARKING SCHEDULE

| SYMBOL | DESCRIPTION |
|--|---------------------------------|
| THERMOPLASTIC(24", 120 MILS) | |
| T2 | WHITE STOPBAR |
| T3 | WHITE CROSSWALK LINE |
| THERMOPLASTIC(4", 120 MILS) | |
| TC | 10 FT. WHITE SKIP |
| TD | 3 FT. - 9 FT./SP WHITE MINISKIP |
| TF | 10 FT. YELLOW SKIP |
| TH | YELLOW SINGLE CENTER |
| TE | WHITE SOLID LANE LINE |
| TI | YELLOW DOUBLE CENTER |
| T8 | 2 FT. - 6FT./SP WHITE MINISKIP |
| THERMOPLASTIC(4", 90 MILS) | |
| TA | WHITE EDGELINE |
| TB | YELLOW EDGELINE |
| THERMOPLASTIC(8", 90 MILS) | |
| TN | WHITE GORELINE |
| TP | YELLOW DIAGONAL |
| THERMOPLASTIC(8", 120 MILS) | |
| T13 | 3FT.-9FT./SP WHITE MINISKIP |
| TR | WHITE SOLID LANE LINE |
| THERMOPLASTICPAVEMENT MARKING CHARACTER (120 MILS) | |
| UI | ALPHANUMERIC CHAR. |
| THERMOPLASTICPAVEMENT MARKING SYMBOLS (90 MILS) | |
| UA | LEFT TURN ARROW |
| UB | RIGHT TURN ARROW |
| UC | STRAIGHT ARROW |
| UE | COMBO.STRAIGHT/RIGHT |
| UF | COMBO.STRAIGHT/LEFT |
| UP | MERGE ARROW |
| MARKERS | |
| PERMANENT RAISED PAVEMENT MARKERS | |
| MA | YELLOW & YELLOW |
| MB | CRYSTAL & RED |

| | |
|---|--------------------|
| TIP NO. B-4656 | SHEET NO. PMP-2 |
| APPROVED: <i>[Signature]</i> | DATE: 6/29/12 |
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| REVISIONS | |



DETAIL 'A'- DUAL CURB RAMPS



DETAIL 'B'- SINGLE DIAGONAL CURB RAMP

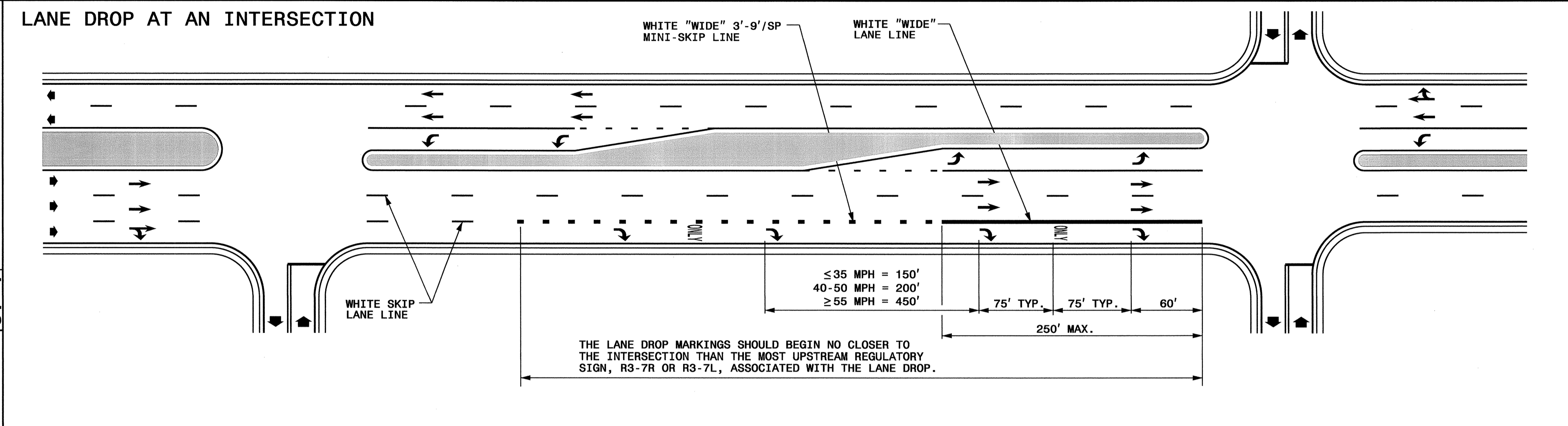
GUIDANCE DETAIL FOR STANDARD AND HI-VISIBILITY CROSSWALKS AT SIGNALIZED OR STOP SIGN CONTROLLED INTERSECTIONS

- 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.

CROSSWALK AND STOP BAR PAVEMENT MARKING DETAIL

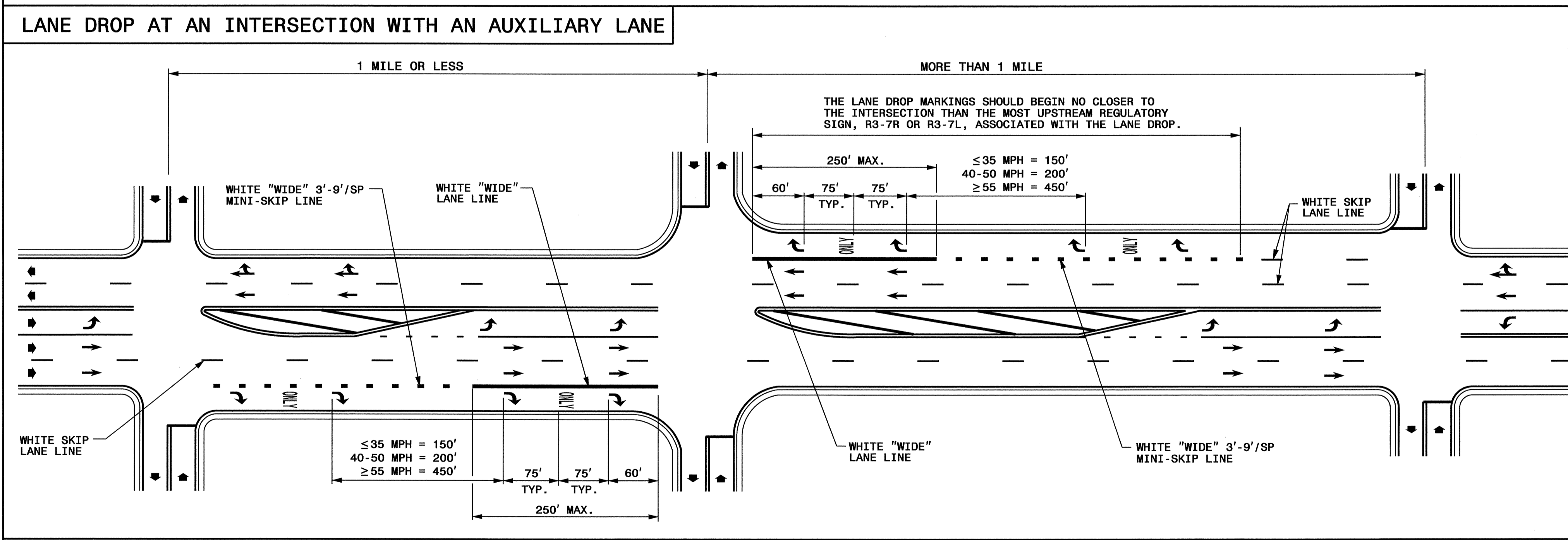
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STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.



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ENGLISH DETAIL DRAWING FOR
 PAVEMENT MARKINGS
 LANE DROPS

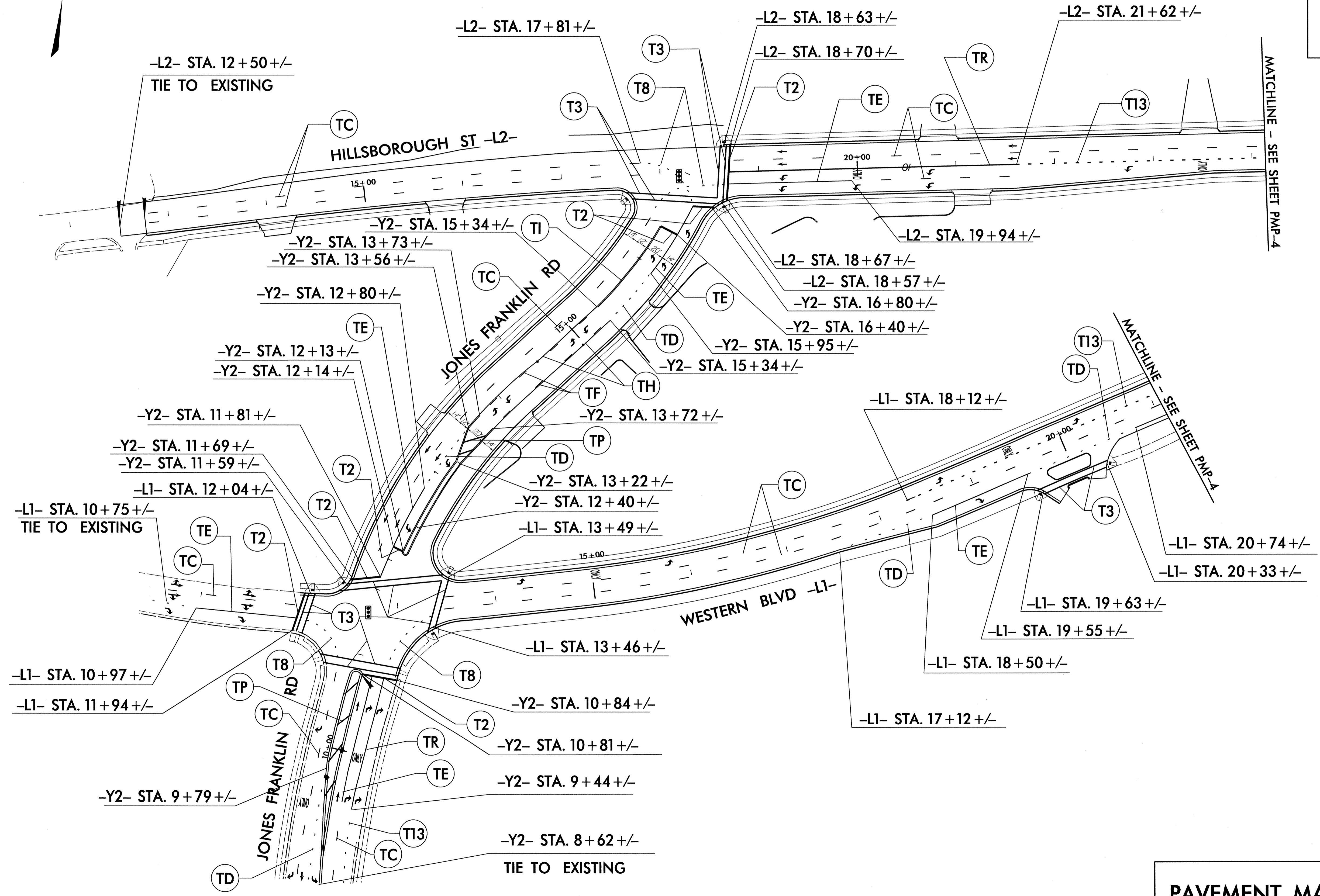
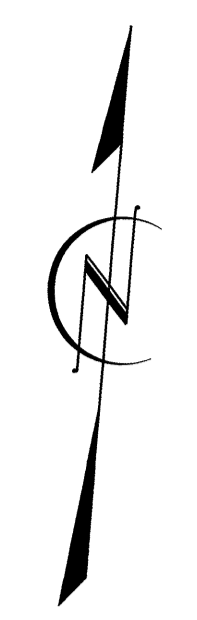


ENGLISH DETAIL DRAWING FOR
 PAVEMENT MARKINGS
 LANE DROPS

- 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 | |

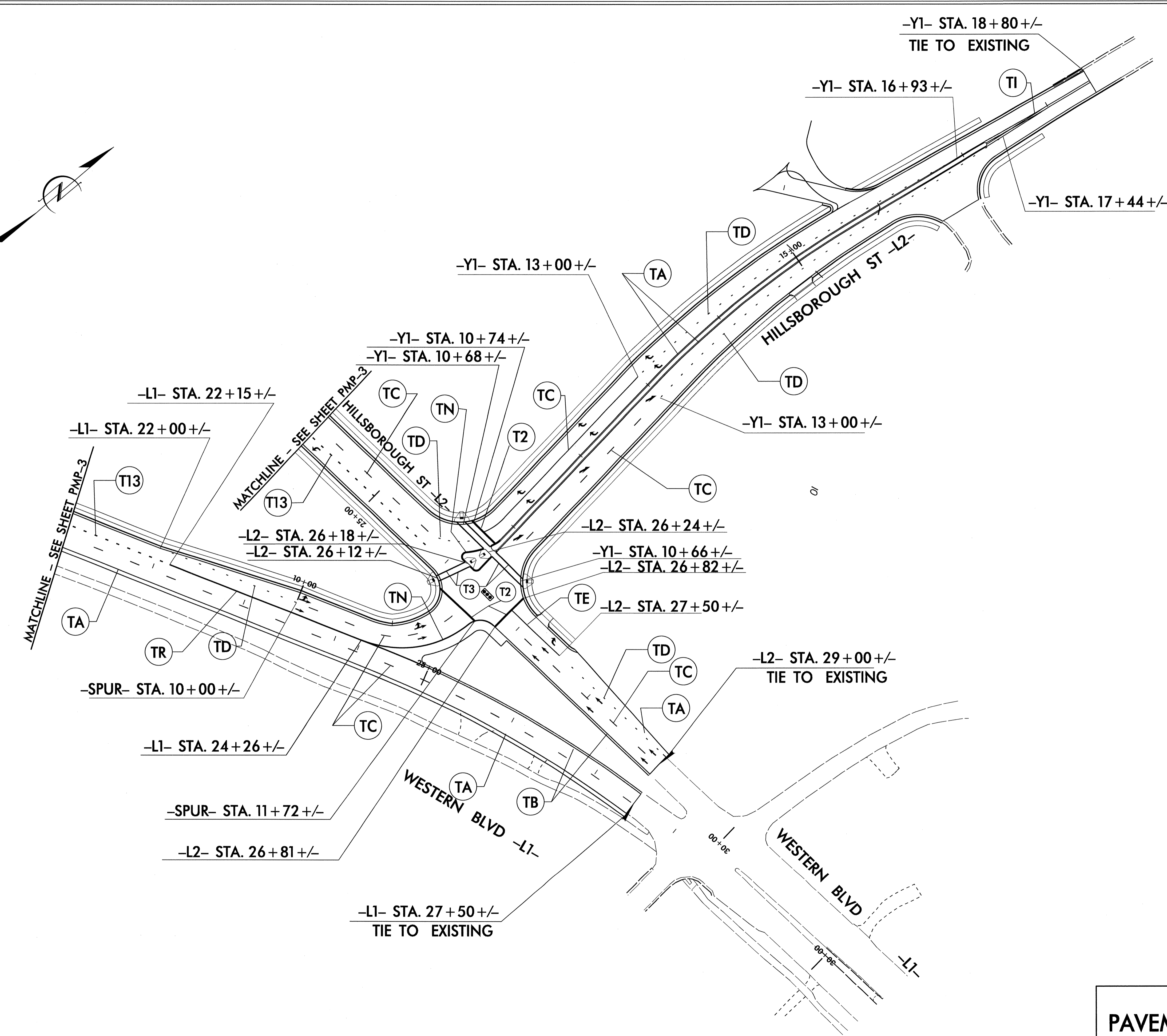
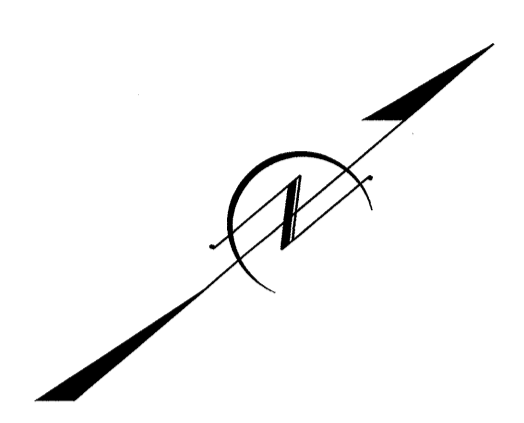
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| TIP NO. B-4656 | SHEET NO. PMP-3 |
| APPROVED: <i>[Signature]</i> | |
| DATE: 6/9/12 | |
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PAVEMENT MARKING DETAIL

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PAVEMENT MARKING DETAIL