



**TYPICAL PAVEMENT WIDTH TRANSITION MARKINGS**

**GENERAL NOTES**

(CONTINUED FROM SHEET NO. 1)

10. **ACCEL LANE LINES**  
BROKEN WHITE, 4 IN WIDE - 3 FT SEGMENTS WITH 12 FT GAPS. THESE LINES WOULD BE USED WHERE TWO THRU LANES OR AN ACCEL LANE MERGE INTO ONE THRU LANE.
11. **CROSSWALK LINES**  
SOLID WHITE, 12 IN. WIDE FOR TRANSVERSE LINE TYPE - EXTEND ACROSS ENTIRE WIDTH OF PAVEMENT. IF NO ADVANCE STOP LINE IS PROVIDED, INCREASE THE WIDTH OF THE CROSSWALK LINES TO 24 IN. THE DISTANCE BETWEEN THE LINES IS USUALLY DETERMINED BY THE WIDTH OF THE SIDEWALKS SO CONNECTED, HOWEVER, IN NO CASE SHALL THIS BE LESS THAN 6 FT.  
  
COMPLICATED AND/OR CHANNELIZED INTERSECTIONS AND MID-BLOCK CROSSWALKS SHALL BE SOLID WHITE, 12 IN. TO 24 IN. WIDE AND 8 FT. TO 10 FT. LONG FOR LONGITUDINAL LINE TYPE AS DETAILED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
12. **WORD, ARROW AND SYMBOL MARKINGS**  
ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN CONFORMANCE WITH "THE STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" ADOPTED BY THE FEDERAL HIGHWAY ADMINISTRATION.
13. **MERGING TAPER LENGTH**  
L = MINIMUM LENGTH OF TAPER.  
S = DESIGN SPEED FOR NEW CONSTRUCTION OR NUMERICAL VALUE OF THE POSTED SPEED LIMIT OF THE 85TH PERCENTILE SPEED OF EXISTING TRAFFIC.  
W = WIDTH TRANSITIONED  
**FORMULA:** FOR SPEED 45 MPH OR MORE,  $L = S \times W$   
FOR SPEED 40 MPH OR LESS,  $L = \frac{WS^2}{60}$
14. **TRANSITION LINES**  
SOLID YELLOW, 8 IN. WIDE. THESE LINES ARE USED WHERE ADDITIONAL EMPHASIS OR VISIBILITY IS DESIRABLE AT PAVEMENT WIDTH TRANSITIONS. PLACE AT LOCATIONS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
15. **SPEED MEASURING MARKING**  
SOLID WHITE, 24 IN. - EXTEND 4 FT. FROM OUTSIDE OF EDGE LINES ON SHOULDERS.

**NOTE:**  
D = THE DISTANCE FROM THE LANE ENDS SIGN (W4-2) TO THE BEGINNING OF THE MERGING TAPER. FOR MORE INFORMATION ON THE "D" VALUE REGARDING SIGN AND PAVEMENT MARKING PLACEMENT, SEE THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", TABLE 2C-4, CONDITION A: SPEED REDUCTION AND LANE CHANGING IN HEAVY TRAFFIC AND FOOTNOTE 2 REGARDING TYPICAL CONDITIONS.

**LEGEND**

→ Direction of Travel

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10/18/12	ADDED MORE NOTES ON "D" VALUE
02/08/17	ADDED LEGEND UPDATED WORD "TRANSITION" TO "MERGING" UPDATED NOTE ADDED NEW NOTE 10 RENUMBERED NOTES FOLLOWING 10

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Safety & Traffic Engineering KCM

**PAVEMENT MARKINGS**

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Sheet No. 2 of 8