

# PART 5

## TRAFFIC CONTROL DEVICES FOR LOW-VOLUME ROADS

### CHAPTER 5A. GENERAL

#### Section 5A.04 Placement

**Standard:**

- 01 Except as provided in Paragraph 3, the traffic control devices used on low-volume roads shall be placed and positioned in accordance with the lateral, longitudinal, and vertical placement provisions contained in Part 2 and other applicable Sections of this Manual.

*Guidance:*

- 02 *The placement of warning signs should comply with the guidance contained in Section 2C.05 and other applicable Sections of this Manual.*

**Option:**

- 03 A lateral offset of not less than 2 feet from the roadway edge to the roadside edge of a sign may be used where roadside features such as terrain, shrubbery, and/or trees prevent lateral placement in accordance with Section 2A.19.

Support:

- 03A Investigate clearing the vegetation before locating signs as close to the edge of the road as 2 feet.

## CHAPTER 5C. WARNING SIGNS

[Delete the asterisk note in Figure 5C-2 of the 2009 MUTCD and all associated asterisks in the figure.]

### **Section 5C.10 Advisory Speed Plaque (W13-1P)**

Option:

- 01 An Advisory Speed (W13-1P) plaque (see Figure 5C-1) may be mounted below a warning sign when the condition requires a reduced speed.

01A See Section 2C.08 of the 2009 MUTCD for additional information on the use of these signs.

### **Section 5C.12 NO TRAFFIC SIGNS Sign (W18-1)**

[Delete the NO TRAFFIC SIGNS (W18-1) sign from Figure 5C-2 of the 2009 MUTCD.]

Option:

- 01 A W18-1 warning sign (see Figure 5C-2) with the legend NO TRAFFIC SIGNS may be used only on unpaved, low-volume roads to advise users that no signs are installed along the distance of the road. If used, the sign may be installed at the point where road users would enter the low-volume road or where, based on engineering judgment, the road user might need this information.

- 02 A W7-3aP, W16-2P, or W16-9P supplemental plaque (see Figure 5C-2) with the legend NEXT XX MILES, XX FEET, or AHEAD may be installed below the W18-1 sign when appropriate.

Support:

02A See Section 5C.100.

[This is a new section]

### **Section 5C.100 PRIMITIVE ROAD NO WARNING SIGNS (W16-113)**

Option:

- 01 The PRIMITIVE ROAD NO WARNING SIGNS sign (W16-113) may be used on low-volume roads with the following characteristics:

- A. AADT of less than 25, and
- B. Soil or gravel surface

- 02 In addition to installing this sign at the beginning of the no-warning sign area, additional signs may be installed at intermediate points within the area.

Standard:

- 03 The Advisory Distance Plaque (W7-3aP) shall be installed below the W16-113 sign.

## CHAPTER 5E. MARKINGS

### Section 5E.03 Edge Line Markings

#### Support:

- 01 The purpose of edge line markings is to delineate the left-hand or right-hand edge of the roadway.

#### Guidance:

- 02 *Edge line markings should be considered for use on paved low-volume roads based on engineering judgment or an engineering study.*

#### Option:

- 03 Edge line markings may be placed on highways with or without center line markings.
- 04 Edge line markings may be placed on paved low-volume roads for roadway features such as horizontal curves, narrow bridges, pavement width transitions, curvilinear alignment, and at other locations based on engineering judgment or an engineering study.

04A If edge line markings are placed without centerline markings, the Two-Way (W6-3) sign may be used where road users could perceive that they are on a one-way roadway when, in fact, they are on a two lane, two-way highway.

## CHAPTER 5F. TRAFFIC CONTROL FOR HIGHWAY-RAIL GRADE CROSSINGS

### Section 5F.02 Grade Crossing (Crossbuck) Sign and Number of Tracks Plaque (R15-1, R15-2P)

#### Standard:

- 02 The Crossbuck (R15-1) sign shall be used at all highway-rail grade crossings, except as otherwise provided in Section 8B.03. For all low-volume roads, Crossbuck signs shall be used on the right-hand side of each approach. If there are two or more tracks, the supplemental Number of Tracks (R15-2P) plaque (see Figure 5F-1) shall display the number of tracks and shall be installed below the Crossbuck sign.
- 03 A strip of high-intensity or brighter retroreflective white material not less than **26** inches in width shall be used mounted on the back of each blade of each Crossbuck sign for the length of each blade, at all highway-rail grade crossings, except those where Crossbuck signs have been installed back-to-back.
- 04 A vertical strip of high-intensity or brighter retroreflective white material, not less than 2 inches in width, shall be used mounted on each support at passive highway-rail grade crossings for the full length of the front and back of the support from the Crossbuck sign or Number of Tracks plaque to within 2 feet above the ground, except on the side of those supports where a STOP (R1-1) or YIELD (R1-2) sign or flashing lights have been installed or on the back side of supports for Crossbuck signs installed on one-way streets.