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## National Committee on Uniform Traffic Control Devices

12615 West Keystone Drive \* Sun City West, AZ, 85375  
Telephone (623)680-9592 \* e-mail: ncutcd@aol.com

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### National Committee on Uniform Traffic Control Devices RWSTC RECOMMENDATION FOLLOWING SPONSOR COMMENTS

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**TECHNICAL COMMITTEE: NCUTCD Regulatory/Warning Signs Technical Committee**

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**DATE OF ACTION: (TASK FORCE): November 20, 2010, revised January 10, 2012, January 18, 2012 following Sponsor Comments**  
**TASK FORCE: Dan Paddick (chair), Tom Heydel, Ron Lipps, Jim Pline, Andy Ramisch, Roger Wentz, Mark Bott, Scott Kuznicki, Fred Ranck**  
**RWSTC APPROVAL DATE: 6-22-11**  
**TRANSMITTAL TO SPONSORS DATE: Fall 2011**  
**RWSTC APPROVAL DATE FOLLOWING SPONSOR COMMENTS: 1-18-12**  
**COUNCIL APPROVAL DATE: 1-19-12**

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**TOPIC: Section 2C Suggested Edits**

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**AFFECTED PORTIONS OF MUTCD: Section 2C.09, Section 2C.30, Section 2C.46, Section 2C.49 and Section 2C.58 (2009 MUTCD)**

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**BACKGROUND:**

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In its review of the 2009 MUTCD, the Regulatory and Warning Sign Technical Committee (RWSTC) noted a number of items that may need to be addressed editorially.

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**DISCUSSION:**

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Section 2C.09(02) is an Option statement saying “When used, Chevron Alignment signs may be used instead of or in addition to standard delineators.” The “when used” is not needed. When they are not used, it doesn’t matter.

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Section 2C.30(01) is a Standard statement that refers to the PAVEMENT ENDS sign as a word message sign. Most references to signs as word message signs or symbol signs were deleted from the MUTCD in the 2003 Edition. This one slipped through.

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Section 2C.46 refers to the various signs as symbol signs in paragraphs 01, 02, 03, 04, 08, 09, 10 and 11. Most references to signs as word message signs or symbol signs were

42 deleted from the MUTCD in the 2003 Edition. These slipped through. Intersection was  
43 added in the text in paragraph 01.

44

45 Section 2C.58 entitled Advance Street Name Plaque (W16-8P, W16-8aP). Paragraph  
46 04B I s a Guidance statement that references a Double Side Road (W2-8) symbol sign.  
47 The reference to the symbol sign should be deleted.

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49 **RECOMMENDATION: Amend Section 2C.09, Section 2C.30, Section 2C.46,**  
50 **Section 2C.49 and Section 2C.58.**

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52 **Note: Proposed changes to the MUTCD are shown in underline red and removed**  
53 **text are shown in ~~strikethrough red~~.**

54

55 **RECOMMENDED WORDING:**

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57 **Section 2C.09 Chevron Alignment Sign (W1-8)**

58 Option:

59 02 ~~When used~~, Chevron Alignment signs may be used instead of or in addition to  
60 standard delineators.

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62 **Section 2C.13 Truck Rollover Warning Sign (W1-13)**

63 Option:

64 01 A Truck Rollover Warning (W1-13) sign (see Figure 2C-1) may be used to warn  
65 drivers of vehicles with a high center of gravity, such as trucks, tankers, and recreational  
66 vehicles, of a curve or turn where geometric conditions might contribute to a loss of  
67 control and a rollover as determined by an engineering study.

68 Support:

69 02 Among the established engineering practices that are appropriate for the determination  
70 of the truck rollover potential of a horizontal curve are the following:

71 A. An accelerometer that provides a direct determination of side friction factors

72 B. A design speed equation

73 C. A traditional ball-bank indicator using 10 degrees of ball-bank

74 **Standard:**

75 **03 If a Truck Rollover Warning (W1-13) sign is used, it shall be accompanied by an**  
76 **Advisory Speed (W13-1P) plaque indicating the recommended speed for vehicles**  
77 **with a higher center of gravity.**

78 Option:

79 04 The Truck Rollover Warning sign may be displayed as a static sign, as a static sign  
80 supplemented by a flashing warning beacon, or as a changeable message sign activated  
81 by the detection of an approaching vehicle with a high center of gravity that is traveling  
82 in excess of the recommended speed for the condition.

83 Support:

84 05 The curved arrow on the Truck Rollover Warning sign shows the direction of roadway  
85 curvature. The truck tips in the opposite direction.

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87 **No change recommended to Section 2C.13**

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**Section 2C.30 PAVEMENT ENDS Sign (W8-3)**

Guidance:  
*01 A PAVEMENT ENDS (W8-3) ~~word-message~~ sign (see Figure 2C-6) should be used where a paved surface changes to either a gravel treated surface or an earth road surface.*

**Section 2C.46 Intersection Warning Signs (W2-1 through W2-8)**

Option:  
*01 A Cross Road (W2-1) ~~symbol~~, Side Road (W2-2 or W2-3) ~~symbol~~, T-Intersection - ~~Symbol~~ (W2-4), or Y-~~Intersection-Symbol~~ (W2-5) sign (see Figure 2C-9) may be used in advance of an intersection to indicate the presence of an intersection and the possibility of turning or entering traffic.*

*02 The Circular Intersection (W2-6) ~~symbol~~ sign (see Figure 2C-9) may be installed in advance of a circular intersection (see Figures 2B-21 through 2B-23).*

Guidance:  
*03 If an approach to a roundabout has a statutory or posted speed limit of 40 mph or higher, the Circular Intersection (W2-6) ~~symbol~~ sign should be installed in advance of the circular intersection.*

Option:  
*04 An educational plaque (see Figure 2C-9) with a legend such as ROUNDABOUT (W16-17P) or TRAFFIC CIRCLE (W16-12P) may be mounted below a Circular Intersection ~~symbol~~ sign.*

*05 The relative importance of the intersecting roadways may be shown by different widths of lines in the symbol.*

*06 An advance street name plaque (see Section 2C.58) may be installed above or below an Intersection Warning sign.*

Guidance:  
*07 The Intersection Warning sign should illustrate and depict the general configuration of the intersecting roadway, such as cross road, side road, T-intersection, or Y-intersection.*

*08 Intersection Warning signs, other than the Circular Intersection (W2-6) ~~symbol~~ sign and the T-intersection (W2-4) ~~symbol~~ sign should not be used on approaches controlled by STOP signs, YIELD signs, or signals.*

*09 If an Intersection Warning sign is used where the side roads are not opposite of each other, the Offset Side Roads (W2-7) ~~symbol~~ sign (see Figure 2C-9) should be used instead of the Cross Road ~~symbol~~ sign.*

*10 If an Intersection Warning sign is used where two closely-spaced side roads are on the same side of the highway, the Double Side Roads (W2-8) ~~symbol~~ sign (see Figure 2C-9) should be used instead of the Side Road ~~symbol~~ sign.*

*11 No more than two side road symbols should be displayed on the same side of the highway on a W2-7 or W2-8 ~~symbol~~ sign, and no more than three side road symbols should be displayed on a W2-7 or W2-8 ~~symbol~~ sign.*

Support:  
*12 Figure 2A-4 shows the typical placement of an Intersection Warning sign.*

134 **Section 2C.49 Vehicular Traffic Warning Signs (W8-6, W11-1, W11-5, W11-5a,**  
135 **W11-8, W11-10, W11-11, W11-12P, W11-14, W11-15, and W11-15a)**

136 Option:

137 01 Vehicular Traffic Warning (W8-6, W11-1, W11-5, W11-5a, W11-8, W11-10, W11-  
138 11, W11-12P, W11-14, W11-15, and W11-15a) signs (see Figure 2C-10) may be used to  
139 alert road users to locations where unexpected entries into the roadway by trucks,  
140 bicyclists, farm vehicles, emergency vehicles, golf carts, horse-drawn vehicles, or other  
141 vehicles might occur. The TRUCK CROSSING (W8-6) ~~word message~~ sign may be used  
142 as an alternate to the Truck Crossing (W11-10) ~~symbol~~ sign.

143 Support:

144 02 These locations might be relatively confined or might occur randomly over a segment  
145 of roadway.

146 *Guidance:*

147 03 *Vehicular Traffic Warning signs should be used only at locations where the road*  
148 *user's sight distance is restricted, or the condition, activity, or entering traffic would be*  
149 *unexpected.*

150 04 *If the condition or activity is seasonal or temporary, the Vehicular Traffic Warning*  
151 *sign should be removed or covered when the condition or activity does not exist.*

152

153 **Section 2C.50 Non-Vehicular Warning Signs (W11-2, W11-3, W11-4, W11-6, W11-**  
154 **7, W11-9, and W11-16 through W11-22)**

155 Option:

156 01 Non-Vehicular Warning (W11-2, W11-3, W11-4, W11-6, W11-7, W11-9, and W11-  
157 16 through W11-22) signs (see Figure 2C-11) may be used to alert road users in advance  
158 of locations where unexpected entries into the roadway might occur or where shared use  
159 of the roadway by pedestrians, animals, or equestrians might occur.

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161 **NO change to section 2C.50**

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163 **Section 2C.58 Advance Street Name Plaque (W16-8P, W16-8aP)**

164 *Guidance:*

165 04 If two street names are used on the Advance Street Name plaque, the street names and  
166 associated arrows should be displayed in the following order:

167 A. For a single intersection, the name of the street to the left should be displayed above  
168 the name of the street to the right; or

169 B. For two sequential intersections, such as where the plaque is used with an Offset Side  
170 Roads (W2-7) or a Double Side Road (W2-8) ~~symbol~~ sign, the name of the first street  
171 encountered should be displayed above the name of the second street encountered, and  
172 the arrow associated with the second street encountered should be an advance arrow, such  
173 as the arrow shown on the W16-6P arrow plaque (see Figure 2C-12).

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176 RWSTC VOTE 1-18-12:

177 For: Unanimous

178 Opposed:

179 Abstentions:

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181 COUNCIL VOTE: 1-19-12 Unanimous 37-0-0

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184 C:\NCUTCD\January 2012 agenda\ItemIV8RWNo8SuggestedEditsSec2c09,2C30,2C46,2C492C59 revised

185 1-18-12, approved by council 1-19-12