National Committee on Uniform Traffic Control Devices

ATTACHMENT NO. 8
RW No. 8, January 2012

National Committee on Uniform Traffic Control Devices

RWSTC RECOMMENDATION FOLLOWING SPONSOR COMMENTS

TECHNICAL COMMITTEE: NCUTCD Regulatory/Warning Signs Technical Committee

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
TRANSMITTED TO SPONSORS DATE: Fall 2011
RWSTC APPROVAL DATE FOLLOWING SPONSOR COMMENTS: 1-18-12
COUNCIL APPROVAL DATE: 1-19-12

TOPIC: Section 2C Suggested Edits

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

BACKGROUND:
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.

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

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

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

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

RECOMMENDED WORDING:

Section 2C.09 Chevron Alignment Sign (W1-8)
Option:
02 When used, Chevron Alignment signs may be used instead of or in addition to standard delineators.

Section 2C.13 Truck Rollover Warning Sign (W1-13)
Option:
01 A Truck Rollover Warning (W1-13) sign (see Figure 2C-1) may be used to warn drivers of vehicles with a high center of gravity, such as trucks, tankers, and recreational vehicles, of a curve or turn where geometric conditions might contribute to a loss of control and a rollover as determined by an engineering study.
Support:
02 Among the established engineering practices that are appropriate for the determination of the truck rollover potential of a horizontal curve are the following:
A. An accelerometer that provides a direct determination of side friction factors
B. A design speed equation
C. A traditional ball-bank indicator using 10 degrees of ball-bank

Standard:
03 If a Truck Rollover Warning (W1-13) sign is used, it shall be accompanied by an Advisory Speed (W13-1P) plaque indicating the recommended speed for vehicles with a higher center of gravity.
Option:
04 The Truck Rollover Warning sign may be displayed as a static sign, as a static sign supplemented by a flashing warning beacon, or as a changeable message sign activated by the detection of an approaching vehicle with a high center of gravity that is traveling in excess of the recommended speed for the condition.
Support:
05 The curved arrow on the Truck Rollover Warning sign shows the direction of roadway curvature. The truck tips in the opposite direction.

No change recommended to Section 2C.13
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.

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

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

Guidance:
03 Vehicular Traffic Warning signs should be used only at locations where the road user’s sight distance is restricted, or the condition, activity, or entering traffic would be unexpected.
04 If the condition or activity is seasonal or temporary, the Vehicular Traffic Warning sign should be removed or covered when the condition or activity does not exist.

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

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

NO change to section 2C.50

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

Guidance:
04 If two street names are used on the Advance Street Name plaque, the street names and associated arrows should be displayed in the following order:
A. For a single intersection, the name of the street to the left should be displayed above the name of the street to the right; or
B. For two sequential intersections, such as where the plaque is used with an Offset Side Roads (W2-7) or a Double Side Road (W2-8) symbol sign, the name of the first street encountered should be displayed above the name of the second street encountered, and the arrow associated with the second street encountered should be an advance arrow, such as the arrow shown on the W16-6P arrow plaque (see Figure 2C-12).

RWSTC VOTE 1-18-12:
For: Unanimous
Opposed:
Abstentions:
COUNCIL VOTE: 1-19-12  Unanimous 37-0-0

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