



## **National Committee on Uniform Traffic Control Devices**

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RWSTC Agenda item III.8 , June 2014

### **National Committee on Uniform Traffic Control Devices RWSTC RECOMMENDATION**

**TECHNICAL COMMITTEE;** Regulatory & Warning Signs

**DATE OF ACTION:** January 9, 2014, updated March 8, 2014

**TASK FORCE;** Tom Heydel (chair), Robert Seyfried

**TECH COM APPROVAL DATE:** 3-16-14, revised 5-31-14 following sponsor comments

**TRANSMITTAL TO SPONSORS:** Spring 2014

**RWSTC APPROVAL FOLLOWING SPONSORS:** 6-25-14

**COUNCIL APPROVAL DATE:** **June 26, 2014**

**TOPIC:** Traffic Signal Pedestrian and Bicycle Actuation Signs (R10-1 through R10-4, and R10-24 through R10-26)

**AFFECTED PORTIONS OF MUTCD:** Section 2B.52 (FHWA new section 2K.03)

#### **SUMMARY:**

In December 2013 we received FHWA edits to Chapter 2B along with other chapters. This proposal from FHWA reorganized Chapter 2B in order to enhance the usability of the Manual both printed and electronic editions. Continued development of the web and application based programs necessitates organizing the document in a manner that can more easily be viewed and searches by various electronic devices per FHWA.

Also, FHWA has included all the previously approved NCUTCD Council approved items verbatim and has indicated the date and RW item # approved by Council.

FHWA's intention is to issue an NPA in November 2014, requested NCUTCD input by July 2014.

**RESEARCH:** None

28 **DISCUSSION:**

29 The Technical Committee agrees with the plan to reduce the Manual size and generally agree  
30 with the revisions as proposed by FHWA. When reviewing Section 2B.52, RWSTC did not  
31 agree with all the FHWA text revisions shown in blue below.

32 The RWSTC recommendations are shown in red in Section 2B.52 below. It is considered  
33 necessary to send this revised FHWA text to the Sponsors for their comments prior to the final  
34 consideration and approval in June 2014 since it involves a change in language to the MUTCD.

35 **RECOMMENDED MUTCD PROVISIONS/REVISIONS:**

36 It is recommended that the following revised MUTCD text be transmitted to Sponsors for  
37 comments and approval.

38 **Note: Proposed changes to the MUTCD in addition to the FHWA changes are shown in**  
39 **underline red and removed text are shown in ~~strikethrough red~~.**

40 **The revised FHWA edit text is shown in blue underline and removed text are shown in**  
41 **~~strikethrough blue~~. FHWA notes shown in green highlight**

42 **Section ~~2B.52~~ 2K.03 Traffic Signal Pedestrian and Bicycle Actuation Signs (R10-1**  
43 **through R10-4, and R10-24 through R10-26)**

44 **Standard:**

45 01 Where manual activation of a traffic signal is required for pedestrians or bicycles bicyclists to  
46 call a signal phase to cross the roadway. ~~Traffic-Signal traffic signal~~ signs applicable to  
47 pedestrian actuation (see Figure 2B-26) or bicyclist actuation (see Figure 9B-2) shall  
48 be mounted immediately above or incorporated into the pushbutton detector units (see  
49 Section 4E.08). Edited to clarify

50 Support:

51 02 Traffic Signal signs applicable to pedestrians include:

- 52 A. CROSS ONLY ON GREEN (symbolic circular green) (R10-1);
- 53 B. CROSS ONLY ON (symbolic walk indication) SIGNAL (R10-2);
- 54 C. Push Button for Walk Signal (R10-3 series); and
- 55 D. Push Button for Green Signal (R10-4 series).

56 Option:

57 03 The following signs may be used as an alternate for the R10-3 and R10-4 signs:

- 58 A. Push Button to Cross Street Wait for Walk Signal (R10-3a); or
- 59 B. Push Button to Cross Street Wait for Green Signal (R10-4a).

60 04 The name of the street to be crossed may be substituted for the word STREET in the legends  
61 on the R10-3a and R10-4a signs.

62 *Guidance:*  
63 05 *The finger in the pushbutton symbol on the R10-3, R10-3a, R10-4, and R10-4a signs should*  
64 *point in the same direction as the arrow on the sign.*

65 *Option:*  
66 06 *Where symbol-type pedestrian signal indications are used, an educational sign (R10-3b) may*  
67 *be used instead of the R10-3 sign to improve pedestrian understanding of pedestrian indications*  
68 *at signalized intersections. Where word-type pedestrian signal indications are being retained for*  
69 *the remainder of their useful service life, the legends WALK/DONT WALK may be substituted for*  
70 *the symbols on the educational sign R10-3b, thus creating educational sign R10-3c. The R10-3d*  
71 *educational sign may be used to inform pedestrians that the pedestrian clearance time is*  
72 *sufficient only for the pedestrian to cross to the median at locations where pedestrians cross in*  
73 *two stages using a median refuge island. The R10-3e educational sign may be used where*  
74 *countdown pedestrian signals have been provided. In order to assist the pedestrian in*  
75 *understanding which pushbutton to push, the R10-3f to R10-3i educational signs that provide the*  
76 *name of the street to be crossed may be used instead of the R10-3b to R10-3e educational*  
77 *signs.*

78 07 *The R10-24 or R10-26 sign (see Section 9B.11) may be used where a pushbutton detector*  
79 *has been installed exclusively to actuate a green phase for bicyclists.*

80 08 *The R10-25 sign (see Figure 2B-26) may be used where a pushbutton detector has been*  
81 *installed for pedestrians to activate In-Roadway Warning Lights (see Chapter 4N) or flashing*  
82 *beacons that have been added to the pedestrian warning signs.*

83 *Support:*  
84 09 *Section 4E.08 contains information regarding the application of the R10-32P plaque.*

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86 **TECH COMMITTEE VOTE: 3-16-14**

87 **For: 26**

88 **Against: 1**

89 **Abstentions: 1**

90 **TECH COMMITTEE VOTE FOLLOWING SPONSOR COMMENTS: 6-25-14**

91 **For: unanimous**

92 **Against**

93 **Absentions**

94

95 **COUNCIL VOTE: 6-26-14**

96 **For: Unanimous**

97 **Against**

98 **Abstentions**

**Attachment No. 13**

**RW Signs No. 8**

99 **C:\ncutcd\june 2014\RW #8 Section 2B.52 traffic signal ped-bike signs 3-8-14, updated 3-16-**  
100 **14, revised 5-31-14 following sponsor comments, approved by RWSTC 6-25-14 following**  
101 **sponsor comments, approved by COUNCIL 6-26-14**

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