National Committee on Uniform Traffic Control Devices

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
DISCUSSION:

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

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

RECOMMENDED MUTCD PROVISIONS/REVISIONS:

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

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

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

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

Standard:

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

Support:

02 Traffic Signal signs applicable to pedestrians include:

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

Option:

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

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

04 The name of the street to be crossed may be substituted for the word STREET in the legends on the R10-3a and R10-4a signs.
Guidance:
05 The finger in the pushbutton symbol on the R10-3, R10-3a, R10-4, and R10-4a signs should point in the same direction as the arrow on the sign.

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

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

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

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

TECH COMMITTEE VOTE: 3-16-14

For: 26
Against: 1
Abstentions: 1

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

For: unanimous
Against
Absentions

COUNCIL VOTE: 6-26-14

For: Unanimous
Against
Abstentions
C:ncuted/june 2014/RW #8 Section 2B.52 traffic signal ped-bike signs 3-8-14, updated 3-16-14, revised 5-31-14 following sponsor comments, approved by RWSTC 6-25-14 following sponsor comments, approved by COUNCIL 6-26-14