

**National Committee on Uniform Traffic Control Devices
TECHNICAL COMMITTEE RECOMMENDATION**

Approved by NCUTCD Council - June 24, 2005

TECHNICAL COMMITTEE: Railroad and Light Rail Transit Technical Committee

DATE OF ACTION: June 24, 2005, approved by NCUTCD

TOPIC: Crossbuck Sign

ORIGIN OF REQUEST: NCUTCD Railroad and Light Rail Transit Technical Committee

AFFECTED PORTIONS OF MUTCD: Section 10C.02

DISCUSSION: The 2003 edition of the MUTCD states that the Crossbuck shall be used on each highway approach to every LRT crossing on a semiexclusive alignment. This is new in the 2003 edition. The standard practice with most LRT agencies in the US is that Crossbucks are not used at crossings controlled by traffic signals, particularly in downtown areas. Crossings within highway-highway intersections in urban areas with train speeds of 35 mph or less are typically controlled by traffic signals, and crossbucks are not used.

The Technical Subcommittee believes that crossbucks are not appropriate for LRT crossings in downtown areas or at intersections controlled by traffic signals. They are believed to be useless and create clutter. The Technical Subcommittee recommends that Section 10C.02 of the MUTCD be revised as follows:

**Section 10C.02 Highway-Rail Grade Crossing (Crossbuck) Sign (R15-1) and
Number of Tracks Sign (R15-2)**

Standard:

The Highway-Rail Grade Crossing (R15-1) sign, commonly identified as the Crossbuck sign, shall be retroreflectorized white with the words RAILROAD CROSSING in black lettering, mounted as shown in Figure 10C-1.

~~As a minimum, one Crossbuck sign shall be used on each highway approach to every highway-light rail transit grade crossing on a semiexclusive alignment, alone or in combination with other traffic control devices.~~

Option:

A Crossbuck sign may be used on a highway approach to a highway-light rail transit grade crossing on a **semi-exclusive** or mixed-use alignment, alone or in combination with other traffic control devices.

Standard:

If automatic gates are not present where a Crossbuck sign is being used and if there are two or more tracks at the highway-light rail transit grade crossing, the number of tracks shall be indicated on a supplemental Number of Tracks (R15-2) sign of inverted T shape mounted below the Crossbuck sign in the manner and at the height indicated in Figure 10C-1.

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