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6 **TECHNICAL COMMITTEE:** Railroad / Light Rail Transit Technical Committee

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9 **TOPIC:** Revision of signing and marking requirements for grade crossings

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12 **STATUS/DATE OF ACTION:** Send for Sponsor Comment
13 **TC Drafts:** 06/30/2010
14 **RRLRT TC Approval:** 07/01/2010
15 **Transmitted to Sponsors:** 10/28/2010
16 **Council Approval:** 01/21/2011

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18 **ORIGIN OF REQUEST:** RR/LRT TC

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20 **AFFECTED SECTIONS OF MUTCD:** 8A.08 Change, 8B.01 Change, 8B.09
21 Change, 8B.10 Change, 8C.07 Change

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24 **SUMMARY:**

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26 The purpose of these changes is to clarify wording. These changes do not affect the
27 meaning of the wording, and may be considered editorial in nature.

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30 **DISCUSSION**

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32 The proposed changes have been reviewed by the RR/LRT TC. It is recommended that
33 the proposed changes be sent for sponsor comment.

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36 **RECOMMENDED CHANGES TO THE MUTCD**

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38 **Note:** Existing MUTCD text to be deleted is shown in ~~double-strikethrough-red~~.
39 New text to be added is shown in underline blue.

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42 **1) Revised Section 8A.08:**

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44 **Standard:**
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46 01 When a grade crossing exists either within or in the vicinity of a temporary traffic
47 control zone, lane restrictions, flagging (see Chapter 6E), or other operations shall not
48 be performed in a manner that would cause highway vehicles to stop on the ~~railroad or~~
49 ~~LRT~~ tracks, unless a flagger or uniformed law enforcement officer is provided at the
50 grade crossing to minimize the possibility of Highway vehicles stopping on the tracks,
51 even if automatic warning devices are in place.

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53 *Guidance:*

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55 05 *The agencies responsible for the operation of the LRT and highway should be contacted*
56 *when the initial planning begins for any temporary traffic control zone that might directly or*
57 *indirectly influence the flow of traffic on ~~mixed-use~~ facilities where LRT and road users*
58 *operate.*

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60 **2) Revised Section 8B.01:**

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62 Support:

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64 01 Passive traffic control systems, consisting of signs and pavement markings only, identify and
65 direct attention to the location of a grade crossing and advise road users to slow ~~down~~ or stop
66 at the grade crossing as necessary in order to yield to any rail traffic occupying, or
67 approaching and in proximity to, the grade crossing.

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69 **3) Revised Section 8B.09:**

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71 *Guidance:*

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73 02 *If a STOP or YIELD sign is installed at a location, including at a circular intersection, that is*
74 *downstream from the grade crossing such that highway vehicle queues are likely to extend*
75 *~~beyond~~ onto the tracks, a DO NOT STOP ON TRACKS sign (R8-8) should be used.*

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77 **4) Revised Section 8B.10:**

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79 Standard:

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81 03 The R8-9 sign shall be removed when the tracks have been removed, ~~covered~~ paved over
82 or when the grade crossing is returned to service.

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85 **5) Revised Section 8C.07:**

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87 Option:

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89 01 A wayside horn system (see definition in Section 1A.13) may be installed in compliance with
90 49 CFR Part 222 to provide audible warning directed toward the road users at a highway-rail
91 ~~or highway-LRT~~ grade crossing or at a pathway grade crossing.

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DISCUSSION IN RESPONSE TO SPONSOR COMMENTS:

VOTE: For:
Opposed:
Abstentions: