



MEMORANDUM

TO: All District Engineers

DATE: August 4, 2009

FROM: Carol T. Rawson, P.E., Interim Director
Traffic Operations Division

Carol T. Rawson, P.E.

SUBJECT: Typical Railroad Crossing Signs
and Signals Standard Sheets

The Traffic Operations Division has revised the standard sheets for Typical Railroad Crossing Signs and Signals Requirements (RCSS) and Railroad Crossing Pavement Marking Typical Details (RCPM). The revisions were necessary to bring the standard sheets up-to-date with current practice. The revised sheets should be used starting with the January 2010 letting.

A summary of the revisions are listed below:

RCSS (1)-09

- Report Sign (R15-4) for Active Crossings (Revised): New wording to increase letter size; replace the "Report malfunction of signals" to "Report problems".
- New Report Sign for Passive Crossings (I-13T): 9" x 12" white letters on blue background, sign to be furnished and installed by the railroad company.
- Multidirectional Reflector Strip: 2" minimum white retroreflective strip requirement.
- Added to sheet: Details for new pole and foundation for the Crossbuck Sign, Triangular Slipbase System and drilled support for optional use of 4" x 6" wooden post.
- Revised Lateral Clearance for Signs figures.
- Highway Crossing Signal Type A, Type E, and Type F (Deleted the old AAR Manual references): Now shown as AREMA C&S Manual part 3.1.25 (figure 3135.1).
- General Notes #1, #6 and #9 (Updated).

RCSS (2)-09

- New supplemental sheet for guidelines for placing warning signs at passive railroad crossings.
- Revised Lateral Clearance for Signs figures.

W (3)-95

- Replaced with Standard Sheet TSR (4)-08.

RCPM-09

- Approach speed and desirable placement were updated to show current distances.
- W10-1 sign added to typical details to show relation to pavement markings.
- W10-1 sign location was added to sheet to describe use and placement without pavement markings.
- General Notes; #2 Added to describe current practice. Following notes re-numbered; #5, #6 and #11 (Updated).
- R15-1 Assembly (Updated) description of crossbuck sign assembly.

RCAWSS

- No Changes.

The revised standard sheets are available in MicroStation and PDF formats at the following web address:

<http://www.dot.state.tx.us/insdtdot/orgchart/cmd/cserve/standard/toc.htm>

If you have any questions, please contact Darin Kosmak at (512) 416-2200 or me at (512) 416-3200.

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