



MEMORANDUM

TO: District Engineers

DATE: February 1, 2002

FROM: Ken Bohuslav, P.E.

SUBJECT: Revised Roadway Standards (English and Metric)

The following changes have been made to the roadway standard sheets.

The attached sheets will be applicable to all new construction projects beginning with the July 2002 letting. The use of these sheets prior to that date is at the option of the district. The new standards are available from the Roadway Standards web page in Microstation® "dgn". The following represents a summary of the individual sheet changes.

MBGF(TR)-02 (English and Metric). The MBGF(TR)-02 and the MBGF(TR)-02(M) are a revision of the MBGF(TR)-01 and the MBGF(TR)-01(M) respectively. An addition to the notes allows for CTB and SSCB concrete traffic barriers to be used with the thrie-beam transitions. Also, the sheet allows for a 1 1/4" or a 2" splice bolt for any triple rail elements that have to be splice bolted.

BED-02 (English and Metric). The BED-02 and the BED-02(M) are a revision of the BED-01 and the BED-01(M) respectively. The detail has been revised to show variable transition lengths and post spacings depending on the transition type selected.

PCTB(1)-02 (English and Metric). The PCTB(1)-02 and the PCTB(1)-02(M) are a revision of the PCTB(1)-90 and the PCTB(1)-95(M) respectively. A proprietary barrier connection system, Joint Type J, details and corresponding general notes were added as an option. This system can be used as an alternate bid item to a different joint type. If this connection system is exclusively specified in the plans, prior approval for sole source use must be obtained.

PCTB(2)-02 (English and Metric). The PCTB(2)-02 and the PCTB(2)-02(M) are a revision to PCTB(2)-96 and the PCTB(2)-95(M). Minor revisions were made to PCTB(2)-02 to correct references to metric wire designations on the "Details of Welded Wire Fabric Option". General notes were added to PCTB(2)-02 and the PCTB(2)-02(M) standards to designate the class of concrete required and the ASTM specification for the wire fabric.

SSCB(3)-02 (English and Metric). The SSCB(3)-02 and the SSCB(3)-02(M) are a revision of the SSCB(3)-00 and the SSCB(3)-00(M) respectively. The barrier end treatment at MBGF detail was deleted from this sheet since it is now shown on the MBGF(TR).

SGT(7)-02 (English and Metric). The SGT(7)-02 and the SGT(7)-02(M) are a revision of the SGT(7)-01 and the SGT(7)-01(M) respectively. The details for the usual placement at bridge ends was changed to allow for variable transition lengths and post spacings depending on the transition type selected. No changes to the guardrail terminal itself were made.

SGT(8)-02 (English and Metric). The SGT(8)-02 and the SGT(8)-02(M) are a revision of the SGT(8)-01 and the SGT(8)-01(M) respectively. The details for the usual placement at bridge ends was changed to allow for variable transition lengths and post spacings depending on the transition type selected. No changes to the guardrail terminal itself were made.

If you have any questions or need additional information concerning these standard details, please contact Mark A. Marek at (512) 416-2653.

Note: Original Signed by Ken Bohuslav, P.E.

Attachments

cc: Administration
Bridge Division
Construction Division
Maintenance Division
Texas Turnpike Authority Division
Traffic Operations Division
Federal Highway Administration