



MEMORANDUM

TO: District Engineers

DATE: December 29, 2000

FROM: Robert L. Wilson, P. E.
Design Division

SUBJECT: Revised Roadway Standards (English and Metric)

In the package of revised roadway standards, released in November, 2000, was a revised single slope concrete barrier sheet, SSCB(2)-00 (English and Metric). This sheet was revised to facilitate cast-in-place or slip-formed sections. The intermediate joint detail that was added to this sheet was incomplete. The sheet has been revised to complete the detail for the joint connection. If the SSCB(2)-00 (English and Metric) was inserted in a set of plans, that sheet should be replaced with the new SSCB(2)-00A (English and Metric). Also, SSCB(3) (English and Metric) has been revised and is included with this release.

These sheets will be applicable to all projects beginning with the May, 2001 letting. The use of these sheet 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.

SSCB(2)-00A (English and Metric). These sheets replace the SSCB(2)-00 and SSCB(2)-00(M). The intermediate joint detail has been revised to show a dowel connection to prevent differential barrier end displacement at the joint. While the dowels may not be structurally necessary on long barrier segments, the use of this connection at all intermediate open joints eliminates a short barrier length consideration in initial construction as well as consideration of the distance to a joint in the repair of a damaged barrier section. The drilled shaft foundation anchor, as shown on the SSCB(3) sheet, is still recommended for barrier terminal points or at bridge end joints.

SSCB(3)-00 (English and Metric). These sheets are a revision of SSCB(3)-92 and SSCB(3)-95(M). The revisions adds a tapered, vertical toe to the barrier where a connection is to be made to metal beam guard fence.

-more-

If you have any questions or need additional information concerning these standard details, please contact Mark A. Marek, Design Division (512-416-2653) or Bobby G. Dye, Jr., Design Division (512-416-2656).

Attachments

Note: Original signed by Robert R. Kovar
for Robert L. Wilson

cc: Michael W. Behrens, P. E.
Mark A. Marek, P. E.
Construction Division
Maintenance Division
Traffic Operations Division
Federal Highway Administration