



MEMORANDUM

TO: District Engineers

DATE: October 10, 2003

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 March 2004 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-03A (English and Metric). These sheets are a revision of MBGF-03 (English and Metric). These sheets were revised to add the note above the terminal connector detail clarifying the use of the connector with the Low Speed transition barrier to metal beam guard fence, as shown on MBGF(TL2) standard sheet, and on the downstream end of a concrete rail located outside the horizontal clearance area of opposing traffic, as shown on the BED standard sheet.

BED-03 (English and Metric). These sheets are a revision of BED-02 (English and Metric). Detail A, details shown in the Multilane Undivided (Rural) Highways plan view, and Note 6 were added that allows for the direct connection of metal beam guard fence at 6'-3" spacing without a transition to a concrete rail on the downstream end located outside the horizontal clearance area of the opposing traffic.

SGT(7)-03A, SGT(7)HB-03A, SGT(8)-03A and SGT(8)HB-03A (English and Metric). These sheets are a revision of SGT(7)-03, SGT(7)HB-03, SGT(8)-03 and SGT(8)HB-03 (English and Metric). On standard sheets SGT(7)-03A and SGT(8)-03A, Note 1 was revised to clarify the types shown. The type of unit selected is based solely on maintenance considerations with regard to the number of wood posts placed in a steel tube. The type is not based on the type of roadway, design speed or location of the unit. Note 2 was replaced on all four sheets to clarify the placement of the units on radii. The terminals will not function as intended on radii less than 150'. If the length of need places the terminal in a smaller radius, the guard fence should be extended to place the terminal outside the radius.

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SGT(8)STL-03 (English and Metric). This sheet was deleted and not replaced. The use of only the hinged breakaway steel post option for both single guardrail terminals will facilitate the selection, placement and maintenance of steel post terminals.

SSCC-03A (English and Metric). These sheets are a revision of SSCC-03 (English and Metric). Note 1 was added to clarify the locations where the system should not be used. The hardware designations were also corrected to match ASTM standards.

If you have any questions or need additional information concerning these standard details, please contact Rory Meza at (512) 416-2678.

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

Attachments

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