



MEMO

December 22, 2016

To: District Engineers

From: Rene Garcia, P.E.
Director, Design Division

Rene Garcia, P.E.

Subject: Revised Roadway Standards

The following change has been made to the roadway standards sheets.

The standard sheets will be applicable to all new construction projects beginning with the May 2017 letting. The use of this sheet prior to that date is at the option of the district. The new standard is available from the Roadway Standards web page in Microstation® "dgn" and Adobe "pdf" format.

See <http://www.dot.state.tx.us/insdtdot/orgchart/cmd/cserve/standard/rdwylse.htm> Please distribute this information to the appropriate district staff and area offices, as well as consulting engineers working on TxDOT projects.

The following represents the sheets changed.

SGT(8S)-16 The SGT(8S)-16 is a new guardrail end treatment standard. This is a standard steel post system SKT-350, with a 28" rail height, which is allowed if the District has chosen not to go with the preferred 31" rail height. Note that this standard is to be used in lieu of SGT(8)H-14 (SKT-350 hinged steel post system, 28" rail height) for new construction projects. The standard for SGT(8)H-14 is still being maintained for purposes of maintaining existing inventory, and repairing minor damage to a unit. For new construction or complete replacement of a unit, the SGT(8S)-16 standard steel post is required in lieu of SGT(8)H-14.

VIA(SFPM)-16 The VIA(SFPM)-16 replaces the VIA(SFPM)-13. The minor changes consist of formatting of sand barrel depictions for additional clarity. Also denoted SACRIFICIAL to denote sacrificial nature of crash cushion.

Additionally, the **Crash Cushion Categorization Chart** has been updated and provided on the Roadway Standards webpage (see link above). The Chart has been updated to incorporate errata type changes, as well as changes to the available crash cushions. The crash cushions are categorized by type (Low Maintenance, Reusable, and Sacrificial) and are also designated as **MASH COMPLIANT** if a particular crash cushion has met the MASH crash testing standards.

If you have questions or need additional information concerning these standard details, please contact Kenneth Mora, P.E., Roadway Design Section Director, at (512) 416-2678.

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