



MEMO

February 24, 2021

To: District Engineers

From: Marisabel Z. Ramthun, P.E.
Director, Design Division

Subject: Revised Roadway Standards

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

The standard sheets will be applicable to all new construction projects beginning with the July 2021 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” and Adobe “pdf” format. See <http://www.dot.state.tx.us/insddot/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 standard sheets changed.

SRG (TL-2)-21 The SRG (TL-2)-21 is a new standard which depicts a 31” short radius guardrail system. This system is a MASH TL-2 compliant system.

SRG (TL-3)-21 The SRG (TL-3)-21 is a new standard which depicts a 31” short radius guardrail system. This system is a MASH TL-3 compliant system.

SSCHEB-21 The SSCHEB-21 is a new cast-in-place single slope concrete barrier that has increased hydraulic efficiency. This standard is for use in rigid pavement applications and provides both standard anchorage and an epoxy option. This barrier system is MASH TL-4 compliant.

SSCHEB2-21 The SSCHEB2-21 is a new cast-in-place single slope concrete barrier that has increased hydraulic efficiency. This standard is for use in flexible pavement applications. This barrier system is MASH TL-4 compliant.

FSHEBSS(TR)-21 The FSHEBSS(TR)-21 is a new standard which depicts a cast-in-place transition from an F-shape concrete barrier to the hydraulically efficient single slope concrete barrier. This standard is for use in rigid pavement applications and provides both standard anchorage and an epoxy option. This barrier system is MASH TL-3 compliant.

FSHEBSS(TR2)-21 The FSHEBSS(TR2)-21 is a new standard which depicts a cast-in-place transition from an F-shape concrete barrier to the hydraulically efficient single slope concrete barrier. This standard is for use in flexible pavement applications. This barrier system is MASH TL-3 compliant.

AREF-21 The AREF-21 is a new standard which depicts an Amphibian and Reptile Exclusion Fence that is designed to minimize the crossing of protected amphibians and reptiles into construction areas.

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CCCG-21 The CCCG-21 is an update of CCCG-12, the concrete curb and gutter standard. This update provides additional clarity on the use of permissible horizontal construction joints, and removes the concrete pavement option from Type III and Type IV curbs.

If you have any questions regarding the roadside safety hardware updates, please contact Kenneth Mora, P.E., Roadway Design Section Director at (512) 416-2678. For questions on the updated concrete curb and gutter standard, please contact Andy Naranjo, P.E. (MTD) at (512) 506-5858.

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