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April 8, 2020

To: District Engineers

From: Camille Thomason, P.E.
Director, Design Division

DocuSigned by:
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Subject: Revised Roadway Standards

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 2020 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.

QUADGUARD ELITE (M10)(N) -20 The QUADGUARD ELITE (M10)(N) -20 narrow system is a new standard sheet which depicts a low maintenance, redirective, non-gating, proprietary crash cushion. The crash cushion is approved exclusively for a 24” width system, and is available for use in both permanent or temporary work zone applications. This crash cushion is available in a MASH TL-3 compliant system.

QUADGUARD(M10)(N) -20 The QUADGUARD(M10)(N) -20 is a replacement of the QUADGUARD(M10)(N)-19 standard. This is a narrow crash cushion system which depicts a reusable, redirective, non-gating, proprietary crash cushion. The crash cushion is approved exclusively for a 24” width system, and is available for use in both permanent or temporary work zone applications. This crash cushion is available in a MASH TL-3 compliant system.

SGT(15) -20 The SPIG is a new standard sheet that depicts a MBGF end terminal system which can be attached to wood or steel post MBGF systems. The system is a redirective, gating, end terminal system that is proprietary. The system is extruding; meaning the rail panels extrude or spool outwards on the field side upon impact. This end terminal system is MASH TL-3 compliant, meaning it is available for use for high-speed roadway conditions.

CRCP(1)-20 (2 sheets) CRCP(1)-20 is a replacement of CRCP(1)-17. This update removes Table 1A from sheet 2 and the associated references to Table 1A.

CRCP(2)-20 (2 sheets) CRCP(2)-20 is a replacement of CRCP(2)-17. This update removes Table 1A from sheet 2 and the associated references to Table 1A.

The following non-MASH compliant standard is removed from the list of available standards:

QGELITE(N)-17 This crash cushion system is removed from the list of available standards.

OUR GOALS

MAINTAIN A SAFE SYSTEM ▪ ADDRESS CONGESTION ▪ CONNECT TEXAS COMMUNITIES ▪ BEST IN CLASS STATE AGENCY

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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 CRCP standards, please contact Andy Naranjo, P.E. (MTD) at (512) 506-5858.

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