



# MEMO

March 30, 2017

**To:** District Engineers

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

**Subject:** Revised Roadway Standards

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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 August 2017 letting. The use of these sheets 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.

**QGELITE(N)-17** The QGELITE(N)-17 is a replacement of QGELITE(N)-16. The sheet has been modified to show the removal of the QGELITE(N) for 70 mph which is no longer being manufactured. Clarification of note concerning concrete toe anchor block, and replacing anchoring with epoxy anchoring with 7" studs and 5.5" embedment.

**QGELITE(W)-17** The QGELITE(N)-17 is a replacement of QGELITE(N)-16. Clarification of note concerning concrete toe anchor block, and replacing anchoring with epoxy anchoring with 7" studs and 5.5" embedment.

**QUAD(N)-17** The QUAD(N)-17 is a replacement of QUAD(N)-16. The sheet has been modified to show the removal of the QUAD(N) for 70 mph which is no longer being manufactured. Clarification of note concerning concrete toe anchor block, and replacing anchoring with epoxy anchoring system.

**QUAD(W)-17** The QUAD(W)-17 is a replacement of QUAD(W)-16. The sheet has been modified to show the removal of the QUAD(W) for 70 mph which is no longer being manufactured. Clarification of note concerning concrete toe anchor block, and replacing anchoring with epoxy anchoring system.

**CATCB(1)-17** The CATCB(1)-17 is a replacement of CATCB(1)-16. The contact information under General Note 1 has been updated.

**CATGR(2)-17** The CATGR(2)-17 is a replacement of CATGR(2)-16. The contact information under General Note 1 has been updated.

**QUEST-16** The QUEST-16 is removed from the list of available standards.

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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 updated contact information for the following products: HEART, QGELITE(N), QGELITE(W), REACT(N), REACT(W), QUAD(N), QUAD(W), TRACC(N), TRACC(W), ACZ 350, CATGR, CATCB, and Sand-filled plastic module arrays. The following items have been removed from the chart: QUEST, and Fitch Universal Module (Fitch Sand Barrels). Additionally the following items have removed the 70 mph option: QGELITE(N), QUAD(N), and QUAD(W). Also, for the REACT(W), the length of W60 - 60"- 30'- 10" is now specified as TL-3.

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

**CC:** Administration  
Bridge Division  
Construction Division  
Support Services Division  
Maintenance Division  
Traffic Operations Division  
Federal Highway Administration