



# MEMO

July 1, 2016

**To:** District Engineers

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

*Rene Garcia, P.E.*

**Subject:** Revised Roadway Standards

The following changes have been made to the roadway standard sheets. The sheets will be applicable to all new construction projects beginning with the November 2016 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/business/standardplanfiles.htm>. Please distribute this information to the appropriate district staff and area offices, as well as consulting engineers working on TxDOT projects.

The EC standards EC(1) – EC(8) have been updated, and EC(9) has been added as a new Erosion Control standard. The following represents a summary of the individual sheet changes:

**EC(1)-16.** The EC(1)-16 standard is a replacement of EC(1)-09 and deletes hay bales and adds vertical tracking. SWG was also added to denote the type of galvanized hinge joint knot woven mesh to be used.

**EC(2)-16.** The EC(2)-16 standard is a replacement of EC(2)-93 and adds the aggregate size and Type 5 note to the Rock Filter Dam Usage Guidelines.

**EC(3)-16.** The EC(3)-16 standard is a replacement of EC(3)-93 and adds a new note that specifies the minimum width of the construction exit.

**EC(4)-16.** The EC(4)-16 standard is a replacement of EC(4)-93 and adds a new note specifying the removal of sediment and debris when accumulation affects the performance of the devices, after a rain, and when directed by the engineer.

**EC(5)-16.** The EC(5)-16 standard is a replacement of EC(5)-93 and adds a new note specifying the removal of sediment and debris when accumulation affects the performance of the devices, after a rain, and when directed by the engineer.

**EC(6)-16.** The EC(6)-16 standard is a replacement of EC(6)-93 and updates Sections A-A, B-B & C-C for additional clarity.

**EC(7)-16.** The EC(7)-16 standard is a replacement of EC(7)-93 and adds a new note specifying the construction on the embankment. Also, Note 7 is revised to clarify that a corrugated metal pipe flared end section will be used at the entrance of the pipe slope drain.

**EC(8)-16.** The EC(8)-16 standard is a replacement of EC(8)-93 and adds a new note specifying the diameter and volume of rock or rubble used for construction energy dissipaters.

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**EC(9)-16.** The EC(9)-16 standard is a new standard that provides for the use of erosion control logs. Sheet 1 of 3 specifies the proper use of erosion control logs at the back of curb, edge of ROW, and as dams in ditches. In addition, the drawings provide for additional stake placement in a heavy runoff event situation. Sheet 2 of 3 specifies the proper placement of erosion control logs in slope situations. Sheet 3 of 3 specifies proper placement of erosion control logs around drop inlets, curb inlets, and curb and grate inlets.

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.

**CC:** Administration  
Bridge Division  
Construction Division  
Maintenance Division  
Traffic Operations Division  
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