



MEMORANDUM

TO: District Engineers

DATE: January 16, 2013

FROM: Mark A. Marek, P.E. *mm*

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 July 2013 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". 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 following represents a summary of the individual sheet changes:

GF(31)T101-13. GF(31)T101-13 is a new standard sheet. As districts have been updating to the new 31" MBGF standards there have been occasions where an existing T101 railing is being allowed to remain in place per Bridge Division's review and approval. This standard transitions the existing 27" T101 rail to the new 31" guardrail system over a 25 ft. section of guardrail.

TAU-II(N)-13. TAU-II(N)-13 replaces TAU-II(N)-05. This standard has been updated to include additional options for the transitions and backup supports. The system length table has been modified to show the differing lengths based on backup option and system speed.

TAU-II(W)-13. TAU-II(W)-13 replaces TAU-II(W)-05. This standard has been updated to include additional options for the transitions and reduced the type of foundation options. The system length table has been modified to show the differing lengths based on system width and speed.

TAU-II-R(N)-13. TAU-II-R(N)-13 is a new standard sheet. The TAU-II-R uses the same attenuator railing shell as the TAU-II but uses Hyperelastic (HE) Modules in lieu of the cartridges and adds a module to the nose piece. Existing TAU-II Systems can be upgraded to the TAU-II-R Systems by replacing existing cartridges and nose with TAU-II-R Modules and Reusable Nose.

TAU-II-R(W)-13. TAU-II-R(W)-13 is a new standard sheet. The TAU-II-R(W) uses the same attenuator railing shell as the TAU-II(W) but uses Hyperelastic (HE) Modules in lieu of the cartridges and adds a module to the nose piece. Existing TAU-II(W) Systems can be upgraded to the TAU-II-R(W) Systems by replacing existing cartridges and nose with TAU-II-R(W) Modules and Reusable Nose.

If you have any questions or need additional information concerning these standard details, please contact Rory Meza, P.E. at (512) 416-2678.

cc: Administration
Audit Office
Bridge Division
Construction Division
General Services Division
Maintenance Division
Strategic Projects Division
Traffic Operations Division
Federal Highway Administration
District TP&Ds
District Design Engineers