

Design Standards Letter

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Letter Date: 03/31/2011

Effective Date: 04/01/2011

Section/Plan No.: EPG

Subject: Revisions to the Engineering Policy Guide

Body

Questions concerning the revisions to the Engineering Policy Guide should be directed to Keith Smith, Central Office, Engineering Policy Group, at 573-751-4659 or myself at 573-751-3813.

The Engineering Policy Guide can be viewed on the MoDOT Web Site at http://epg.modot.org/index.php?title=Main_Page. If you would like to have an email inform you every time an EPG article of interest to you has been changed go to http://epg.modot.org/index.php?title=Help:Contents#Benefits_of_Logging_into_the_EPG.

REVISIONS:

EPG 127

127.13 – MoDOT's entire noise abatement policy has been restructured in order to comply with new federal requirements.

EPG 128

128.2 – There are no requirements that a conceptual study report be completed for 1R and 2R projects. While this revision does not change that, it cautions the core team to investigate the corridor for safety and operational concerns. Any concerns would be documented for future remediation, or solved with low-cost countermeasures.

EPG 237

237.5.3 – Revised to advise districts to use contractor surveying and staking on projects with earthwork volumes in excess of 50,000 cubic yards.

EPG 321

321.1 – A federal requirement mandated that all states move to Load and Resistance Factor Design (LRFD) of bridges and foundations. Research was done to calibrate the factors in Missouri in order to design slopes more efficiently and cost effectively.

EPG 626

626 – Revisions were made to clarify the current directive of rumble stripe and to

add emphasis that any variance from the guidance would need to be authorized by Central Office.

EPG 751

751.37 – A federal requirement mandated that all states move to Load and Resistance Factor Design (LRFD) of bridges and foundations. This revision the LRFD account for rock formations found in Missouri, allowing MoDOT to design foundations more efficiently on bridges using drilled shaft foundations.

EPG 751

751.38 – A federal requirement mandated that all states move to Load and Resistance Factor Design (LRFD) of bridges and foundations. This revision allows MoDOT to design foundations more efficiently and save money.

EPG 1006

1006.2 – Revised to include acceptance of small quantities to be in accordance with Sec 1006.

JGJ / SJN