

DESIGN MEMORANDUM NO. 6A-99

TO: Chief District Engineers
Design Engineers
Active Consultants

FROM: David E. Kratt, P.E. *DeK*
Director
Division of Highway Design

DATE: April 4, 2007

SUBJECT: **Pavement Design Guide Update**
For Projects off the National Highway System,
Less Than 20,000,000 Equivalent Single Axle Loads,
Less Than 15,000 ADT, and Less Than 20% Trucks

This memorandum is being issued to advise of an update to Design Memorandum 6-99. This Design Memorandum 6A-99 supersedes Design Memorandum 6-99 for all pavement design activities performed by District Design and Consultant Engineer personnel.

The current version and all subsequent updates to the KYTC *Pavement Design Guide* will be posted on the Division of Highway Design web site at the following web address: <http://transportation.ky.gov/design/pavedesign/pavedesign.html>. This site will contain the *Pavement Design Guide* and also the latest version of the Pavement Design Spreadsheet (V 5.01). The spreadsheet should be used to develop pavement designs for all KYTC projects covered under the Guide.

The major modifications to Version 5.01 of the Pavement Spreadsheet include updating the Structural Number and JPC Pavement Thickness tables to remove some conservatism that was built in to the original guide. The spreadsheet has also been reformatted in an attempt to make it more user friendly.

It is encouraged to apply the updated policy to all projects as quickly as possible. Pavement designs for all projects beginning with the June 2007 letting should be analyzed with the updated pavement spreadsheet. If the Project Team determines that significant cost savings could be realized without jeopardizing the letting schedule, then the project may be updated accordingly. Beginning with the January 2008 letting, all projects should be designed with the latest pavement design spreadsheet.

If there are any questions about this memorandum or the *Pavement Design Guide*, Please contact the Pavement Branch in the Division of Highway Design at (502) 564-3280.

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