



Technical Committee Report: **AASHTO Joint Technical Committee on Pavements**

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Tuesday, June 12, 2007
Subcommittee on Design
Burlington, VT

The logo graphic consists of a vertical black line on the left, a horizontal black line below it, and three overlapping colored squares: a yellow square at the top left, a red square at the middle left, and a blue square at the bottom left. The text 'AASHTO JTCOP' is positioned to the right of these elements.

AASHTO JTCOP

Chair: Dan Dawood, Pennsylvania

Vice-Chair: Linda Pierce, Washington

Secretary: Peter Stephanos, FHWA

AASHTO Liaison: Keith Platte

- A working group comprised of pavement experts tasked with developing and recommending AASHTO guides, policies, and standards for the design, rehabilitation, and management of pavements and shoulders.
- Members represented are from the ***Subcommittee on Design, Subcommittee on Materials, Standing Committee on Planning, Subcommittee on Construction, Subcommittee on Maintenance, Standing Committee on Aviation***



Publications

- AASHTO Guide for Design of Pavement Structures, 1993
- Pavement Management Guide, 2000
- Supplement to the Guide for Design of Pavement Structures, 1998
- Pavement Deflection Data Exchange: Technical Data Guide, 1998



Goals

- Continuing research to support calibration and implementation of the MEPDG is ongoing through various NCHRP and FHWA efforts
- Development of a comprehensive document on pavements encompassing pavement design, management and maintenance is underway through the NCHRP process.
- Complete development and implementation of the MEPDG.
 - Ballot AASHTO “interim” M-E guide in 2007 through both Subcommittee on Design, Subcommittee on Materials and the Standing Committee on Highways



2007 Work Plan

- Highest priority is balloting of **Interim Mechanistic-Empirical Pavement Design Guide** (MEPDG) through
 - JTCoP (balloted)
 - Subcommittee on Design (balloting underway)
 - Subcommittee on Materials (balloting underway)
 - Standing Committee on Highways



2007 MEPDG Ballot

Considerations for balloting the "*Interim MEPDG Manual of Practice*"

- It is an **Interim** document
- The "*Guide*" has been under development since 1996
- MEPDG has been undergone extensive reviews
- Software is balloted in conjunction with the "Manual"



Other JTCoP Activities

- Several NCHRP projects underway to further calibrate and validate the MEPDG
- FHWA Design Guide Implementation Team (DGIT)
 - Raises awareness, assists, and supports State Highway Agencies and their industry partners in development and implementation of MEPDG
 - <http://www.fhwa.dot.gov/pavement/dgit/index.cfm>
- Lead State Team
 - Promotes and facilitates refinement, implementation, and evolution of MEPDG procedures in conjunction with AASHTO, NCHRP, and FHWA activities
 - Comprised of 18 State Highway Agencies
 - Arizona, California, Florida, Kentucky, Maryland, Minnesota, Mississippi, Missouri, Montana, New Jersey, New Mexico, New York, Pennsylvania, Texas, Utah, Virginia, Washington and Wisconsin
 - <http://www.fhwa.dot.gov/pavement/dgit/leadstates/index.cfm>