



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

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Larry Lockett, PE  
Tuesday, August 14, 2007  
Subcommittee on Materials  
Lincoln, NH



# AASHTO JTCOP

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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

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- 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

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- 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

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- Highest priority is balloting of **Interim Mechanistic-Empirical Pavement Design Guide** (MEPDG) through
  - JTCoP (balloted and approved)
  - Subcommittee on Design (approved with comments)
  - Subcommittee on Materials (approved with comments)
  - Standing Committee on Highways (meeting in September)



# 2007 MEPDG Ballot

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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

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- Several NCHRP projects underway to further calibrate and validate the MEPDG (NCHRP – 9-30A, 9-38, and 9-44)
- 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>