Technical Committee Report: AASHTO Joint Technical Committee on Pavements

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Tuesday, August 14, 2007
Subcommittee on Materials
Lincoln, NH
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

- Pavement Management Guide, 2000
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 and approved)
  - Subcommittee on Design (approved with comments)
  - Subcommittee on Materials (approved with comments)
  - Standing Committee on Highways (meeting in September)
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 J TCoP Activities

- 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

- 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