

*Call for Abstracts for Papers and Presentations***12th AASHTO/TRB
MAINTENANCE MANAGEMENT
CONFERENCE****Maryland, July 2009**

The American Association of State Highway and Transportation Officials (AASHTO) Highway Subcommittee on Maintenance and the Transportation Research Board (TRB) Maintenance Committees organize and conduct conferences every three years to provide information on the state-of-the-art in maintenance operations and management to professionals responsible for maintaining highways. Areas of interest correspond to the AASHTO Task Force and Focus Group areas of bridges, contract maintenance, equipment, management systems, pavements, performance measures, research, roadside & environment, snow & ice, traffic services & safety, and workforce development. The 12th Maintenance Management Conference is being hosted by the Maryland Department of Transportation in July 2009 and cosponsored by the Federal Highway Administration.

Topic Areas

Presentations and papers describing current practices, technological innovations or the results of recent research involving maintenance of transportation facilities in the following subject areas are solicited for the Conference:

Bridge with emphasis on best maintenance practices; long-lasting paint systems; testing and monitoring critical members

Contract Maintenance with emphasis on decision support tools, data and procedures to help agencies evaluate options for contracts, outsourcing, and public-private partnerships

Environmental Considerations with emphasis on integrating into maintenance activities; impact on maintenance costs

Equipment with emphasis comparing fleet efficiency using funding, management and charge-back systems; selection and application of roadway-operations equipment warning lights

Infrastructure Preservation with emphasis on implementing infrastructure (i.e., bridges, pavements, roadsides, drainage, traffic control systems) preservation programs; measuring the benefits and effectiveness of preservation actions and programs; network perspective on the allocation and justification of resources to meet preventive maintenance needs; consistent/standard preservation terminology

Management Systems with emphasis on integration of preservation actions and programs into management systems; application of innovative technology and decision tools for better maintenance management; exploring the connection between maintenance management systems and maintenance decision support systems (MDSS); agency experience with commercial off-the-shelf maintenance management systems; roadside vegetation management and pavement marking management systems

Performance Measures with emphasis on state-of-the-practice in the application of maintenance quality assurance programs; use in fleet and winter maintenance operations; application of consistent/standard performance measures

Roadside Maintenance with emphasis on graffiti prevention and abatement; development of self-sustaining, low-maintenance roadsides

Technologies with emphasis on best practices for maintaining and managing the technology infrastructure (i.e., ITS, AVL, ATM, ATIS, RWIS)

Winter Maintenance with emphasis on proper timing and frequency for the application of anti-icing and de-icing materials; best practices for implementing anti-icing programs

Work Zones with emphasis on implementing FHWA's Work Zone Safety and Mobility rule into maintenance operations; use of radio frequency identification devices for real-time work zone monitoring and documentation

Workforce with emphasis on working with a diverse workforce; recruiting, training and retaining workers, technicians and managers; application of new technology to improve worker health, safety and training

Due Dates

Interested practitioners, administrators and researchers should submit (a) an abstract of not more than 500 words and (b) a 100-word biographical sketch with contact information for each author to the Transportation Research Board at MMC@nas.edu by **June 1, 2008**. Each submittal must indicate if the abstract is for (a) presentation & publication - prepare a paper for presentation at the Conference and publication in the Conference Proceedings, or (b) presentation only - make a presentation at the Conference on the abstract topic without preparing a paper. Authors of accepted abstracts will be advised in early **August 2008** and invited to prepare a paper and/or make a presentation at the conference. Full manuscripts of papers will be required by **December 1, 2008** to accommodate distribution of the published proceedings at the conference.

Questions

Send questions regarding this 'Call for Abstracts for Papers and Presentations' to:
MMC@nas.edu