

The Transportation Research Board (TRB) Maintenance Equipment Committee (AHD60) is currently seeking nominations for new members. We encourage you to consider nominating yourself for membership and/or passing this recruitment information on to other professionals involved in maintenance equipment who may be interesting in serving on the committee. Please share this recruitment notice widely with any interested individual or pertinent organization.

We currently have members from several departments of transportation, academia, and the private sector, including 4 young members.

The Maintenance Equipment Committee is part of the Maintenance and Preservation Section, in the Operations and Preservation Group, of TRB. Our committee is concerned with all aspects of equipment fleet asset management from acquisition, maintenance, fueling, disposal, and replacement planning. The focus of the committee is to stay abreast of changes in the industry related to technology, regulation, environmental stewardship, asset management principles, and innovative practices. The committee facilitates research and communication of these issues to members so that highway equipment fleet managers can better support the cost effective and productive delivery of highway infrastructure maintenance activities.

Besides having an engaging committee meeting agenda, we recently sponsored two lectern sessions at the TRB Annual Meeting:

Actionable Analytics that Drive Replacement and Preventative Maintenance Practices for Fleet Equipment

This session focused on the use of on-board diagnostic systems to provide data for the optimization of fleet preventative maintenance (PM) practices and equipment replacement scheduling. Telematics provides unique onboard data to forecast effective PM cycles; fuel use and costs for equipment maintenance and replacement decisions; and knowledge of a fleet's emissions footprint. The presentations will focus on these technologies and findings that support potential changes to fleet maintenance and management practices from an economic and environmental perspective.

Fleet Management – Safety, Prioritizing, and Planning

This was a diverse session in which papers and presentations to address relevant issues pertaining to fleet management. This session included equipment safety and visibility through a paper presentation related to luminosity for equipment service vehicles. We explored a case study from South Korea analyzing the aspects of fleet management needs for road maintenance projects. A third paper presented a stochastic dynamic fleet management model developed to assign available trucks to cover uncertain snow plowing demand. The objective was to simultaneously minimize the cost for truck deadheading and repositioning, as well as to maximize the benefits of plowing activities. The session concluded with the presentation "What does a well managed fleet look like?" in which key characteristics inherent to well managed fleets were explored. The papers and presentations will be beneficial to public and private fleet managers and equipment owners.

Videos of the presentations described above are posted on-line at <http://www.emtsp.org/library/video-powerpoint-presentations/2015-trb-annual-meeting/>

We hope you'll be interested in join our active committee. For more information about TRB committee involvement or our committee, see the following websites:

<http://www.trb.org/GetInvolvedwithTRB/GetInvolvedCommittees.aspx>

For more information about this membership call or any other questions regarding the committee, please contact:

Danny Keene at Danny.Keene@arkansashighways.com or 501 569-2672

Dennis Halachoff at Halachof@egr.msu.edu or 480 440 3422

Lisa Kunzman at lisa.kunzman@dot.ca.gov or 916 227 9705

To submit your nomination, please fill out a short survey at

<https://www.surveymonkey.com/r/TRBmembership2015>

Please submit survey response by May 22, 2015. The brief survey consists of questions regarding basic contact information and questions related to your nomination such as:

- What type of membership you are seeking?
- Why are you interested in serving on the Maintenance Equipment Committee?
- How does your education, experience, and interest relate to the Maintenance Equipment Committee?
- In what ways would you like to contribute to the committee?
- How much time can you commit to the committee?
- You will also be asked to include your biography or resume.

Thank you for considering to be part of the TRB Maintenance Equipment Committee and furthering the committee goals and contribution to the equipment and fleet management community.