



Transportation Asset Management Committee *Midyear Meeting*

August 31–September 1, 2010

Sponsored by
TRB Transportation Asset Management Committee (ABC40)

Tuesday, August 31

For webinar information, please see page 4

10:00 a.m.–10:30 a.m., *Keck Room 101* (speakers only)

Speaker Meeting

10:30 a.m.–11:00 a.m.

Continental Breakfast

11:00 a.m.–1:00 p.m., *Keck Room 101*

Opening Session

Welcome

Kathryn Zimmerman, Applied Pavement Technology, Inc.

FHWA Initiatives in Asset Management

Butch Wlaschin, FHWA

AASHTO Subcommittee on Asset Management Strategic Plan Results and Priorities for the AASHTO Performance Measurement Committee

Kirk Steudle, MDOT

NCHRP TAM Research Activities

Andy Lemer, TRB

2008 Committee Strategic Plan

Sue McNeil, University of Delaware

TRB Priorities

Cindy Burbank, PB Americas, Inc.

1:00 p.m.–2:00 p.m.

Lunch

2:00 p.m.–3:30 p.m., *Keck Room 101*

Setting the Stage for Breakouts

Priorities–Issues in Virginia

Jeff Price, VDOT

Asset Management Guide, Volume 2 and Priorities–Issues in Louisiana

Michael Bridges, Louisiana DOTD

Common Themes and Challenges from the State Reviews Conducted by FHWA

Butch Wlaschin, FHWA

Social Networking

Andy Lemer, TRB

Workshop Instructions and Charge

Kathryn Zimmerman, Applied Pavement Technology, Inc.

3:30 p.m.–4:00 p.m.

Break

4:00 p.m.–5:30 p.m.

Breakout Sessions

During this session, suggestions for short-term and long-term committee activities will be developed.

Breakout Group 1: Asset Management Tools, Keck Room 101

Facilitator: Bill Robert, Cambridge Systematics, Inc.

Discussion topics include the following:

- State of the practice in asset management engineering and economic analysis tools
- Gaps and opportunities for improvement in existing tools
- Cross-asset optimization and trade-off analysis—what is the state of the practice? How can a trade-off analysis process be effectively used in project selection and allocation of funds?
- Relationship between tools for asset management and decisions the tools help support—are the existing tools used in practice to support asset management decisions?
- Use of tools for meeting agency requirements—to what extent do tools help support agency requirements in areas such as highway safety and performance reporting?
- Developing and adopting a risk-based approach to asset management—how does consideration of risk impact asset management decisions? What are the benefits of and approach to incorporating consideration of risk?
- What are the important liaisons to establish in this area?

Breakout Group 2: Data in Asset Management, Keck Room 105

Facilitator: Omar Smadi, Iowa State University

Discussion topics include the following:

- Building and maintaining integrated data enterprises that support asset management activities—what is required? Identify agencies that are having the most success with this. What are the biggest challenges (organizational capacity, governance, technology, funding)?
- Visualization of asset management data—what are some examples of the most effective approaches for communicating with legislative bodies and the public (among top level management and among data analysts)?
- Use of GIS in asset management—what are some examples of the most extensive use of GIS in support of asset management activities? What are the most innovative uses of GIS in asset management? What are the biggest challenges to implementation?
- Effective data collection programs incorporating risk—what is the state of the art and practice in cost-effective data collection programs that can meet multiple agency strategic programs, i.e., asset management, highway safety, and highway performance?
- What are the important liaisons to establish in this area?

Breakout Group 3: Policy in Asset Management, Keck Room 109

Facilitator: Jeff Price, VDOT

Discussion topics include the following:

- How may reauthorization, with its focus on performance, change the extent to which (or the way in which) state and local agencies practice asset management? What information is needed by state and local agencies to address these needs?
- What agencies are having the most success with the use of performance measures for setting policy decisions and performance targets? What changes have occurred within the agency when performance measures are used (e.g., budgets, organization, processes)? What would help improve the degree to which performance measures are used successfully?
- What strategies have been successful in linking agencies' asset management performance to the state's key performance indicators that drive its budget process? How can these performance indicators be meaningful to the legislative process and the public? (note: this is an OMB connection) What opportunities exist for the committee to help support this activity without interfering with the goals of other TRB committees?

- To what extent has budgeting and resource decision making supported by asset management analysis been institutionalized by state and local agencies? What are the impacts of the recession on state and local agency asset management programs and budgets, and how are agencies using information from their asset management systems to support continued or increased funding for asset management? What gaps and opportunities exist?
- How is risk being addressed through policy decisions? What is needed to fill the gaps?
- What liaisons are important to establish in this area?

Breakout Group 4: Methods of Communication in Asset Management, Keck Room 110

Facilitator: Jason Bittner, University of Wisconsin, Madison

Discussion topics include the following:

- What stakeholder groups should this committee be communicating with on a regular basis? Consider committee members, friends, other TRB committees, AASHTO committees, and the asset management community as a whole.
- Is the TAM Today website meeting the needs of these users? Why or why not?
- What strategies do you recommend for communicating effectively with each stakeholder group? How frequently should we be communicating with each group? What types of information are needed by each? Be sure to consider the use of social networking, web conferencing, and other tools beyond those in use today.
- What should be the role of a committee communications coordinator (CCC) in addressing these needs? TRB is supporting the use of a CCC for posting recordings of webinars, meeting minutes, and other information about TRB committees' communications portfolios; however, we have not yet filled this role.

5:30 p.m.–6:30 p.m., Atrium

Reception

TRB Committee

Kathryn A. Zimmerman, President, Applied Pavement Technology, Inc., *Chair*
 Zongzhi Li, Assistant Professor, Illinois Institute of Technology, *Secretary*
 Thomas M. Palmerlee, Associate Director, Technical Activities Division, Transportation Research Board, *TRB Staff Representative*

Members

Brad W. Allen, Maintenance Program Planning, New York State Department of Transportation
 Adjo A. Amekudzi, Associate Professor, Georgia Institute of Technology
 Jason J. Bittner, Deputy Director, University of Wisconsin–Madison
 Doyt Younger Bolling, Associate (part time), National Center for Pavement Preservation
 Michael Bridges, Undersecretary for the Office of Management and Finance, Louisiana Department of Transportation and Development
 Coco A. Briseno, Division Chief, Transportation System Information, California Department of Transportation
 Patricia M. Bugas-Schramm, President, PBS Consulting, Inc.
 Les G. Hawker, Asset Manager, Transport for London

Stuart W. Hudson, President, AgileAssets, Inc.
 Roy W. Jurgens, Owner, Roy Jurgens Consulting
 Sue McNeil, Professor, University of Delaware
 Terry McNinch, Director, MI LTAP, Local Technical Assistance Program
 Thomas Jeffrey Price, Assistant Division Administrator, Operations Planning Division, Virginia Department of Transportation
 Willard G. Puffer, Director Asset Management, ISO, Harris County, Texas
 Kristen L. Sanford Bernhardt, Assistant Professor, Lafayette College
 Francine Shaw Whitson, Transportation Manager, Federal Highway Administration
 Omar Smadi, CTRE Director, Iowa State University
 Jack R. Stickel, Transportation Data Services Manager, Alaska Department of Transportation and Public Facilities
 Ernest F. Wittwer, Researcher, University of Wisconsin–Madison
 J. B. Wlaschin, Director, Office of Asset Management, Federal Highway Administration

Young Members

David L. Blake, Project Manager, PBS&J
 Elizabeth Allison Harris, Ph.D. Candidate, North Carolina State University

August 31–September 1, 2010

Wednesday, September 1

8:00 a.m.–9:00 a.m., Keck Room 101 (continental breakfast served in room)

Research Needs Study Session

Interested parties will come together to identify and promote research needs. This session will NOT be available remotely.

9:00 a.m.–10:30 a.m.

Breakout Sessions

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Facilitator: Bill Robert, Cambridge Systematics, Inc.

Breakout Group 2: Data in Asset Management, Keck Room 105

Facilitator: Omar Smadi, Iowa State University

Breakout Group 3: Policy in Asset Management, Keck Room 109

Facilitator: Jeff Price, VDOT

10:30 a.m.–11:00 a.m.

Break

11:00 a.m.–1:00 p.m., Keck Room 101

Reports from Breakout Sessions

1:00 p.m.–2:00 p.m., Keck Room 101

Lunch

2:00 p.m.–4:00 p.m., Keck Room 101

Discussion of Recommendations and Establishment of Committee Priorities

4:15 p.m.–5:00 p.m., Keck Room 101

Planning Team Debrief (invitation only)

Webinar Information

- 11:00 a.m.–1:00 p.m., Keck Room 101
Opening Session
<https://www1.gotomeeting.com/register/536558752>
Phone: 866-528-2256, access: 3829104
- 2:00 p.m.–3:30 p.m., Keck Room 101
Setting the Stage for Breakouts
<https://www1.gotomeeting.com/register/726837649>
Phone: 866-528-2256, access: 3829104
- 11:00 a.m.–1:00 p.m., Keck Room 101
Reports from Breakout Sessions
<https://www1.gotomeeting.com/register/760727001>
Phone: 866-528-2256, access: 3829104
- 2:00 p.m.–4:00 p.m., Keck Room 101
Discussion of Recommendations and Establishment of Committee Priorities
<https://www1.gotomeeting.com/register/899945024>
Phone: 866-528-2256, access: 3829104

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