

Minutes
Asset Management Subcommittee
AASHTO Standing Committee on Planning
Sunday, May 2, 2004
Charleston, South Carolina

Participants:

Kirk Steudle, Michigan DOT, Chair, Asset Management Subcommittee
Neil Pedersen, Maryland SHA, Vice-Chair, Asset Management Subcommittee (call in)
Dave Geiger, FHWA, Secretary, Asset Management Subcommittee
Dave Clawson, AASHTO Liaison

Other Subcommittee Members (or their representative):

Lou Adams, New York DOT	John Deatrick, District of Columbia DOT
Don Freeman, South Carolina DOT	Terry Heidner, Kansas DOT
Charlie Howard, Washington State DOT	Marsha Kaiser, Maryland DOT
Ken Leonard, Wisconsin DOT	Ysela Llort, Florida DOT
Cash Misel, Ohio DOT	Mary Gayle Padmos, Montana DOT
Ron Patton, South Carolina DOT	Douglas Simmons, Maryland SHA
Davis Studstill, Georgia DOT	

Other Participants:

Dale Buskirk, Arizona DOT	Bruce Bender, Vermont, ADT
Steve Gaj, FHWA	Charlie Goodman, FTA (call in)
Tony Kane, AASHTO	Lou Lambert, Cambridge Systems
Ken Laden, District of Columbia DOT	Tom Maze, Iowa State University/CTRE
Ron McCready, NCHRP/TRB	Janet Oakley, AASHTO
Matt Selhorst, Ohio DOT	Rudy Umbs, FHWA

This first meeting of the Asset Management Subcommittee of the AASHTO Standing Committee on Planning met on Sunday, May 2, 2004. During this meeting the participants discussed the **Mission, Goals and Strategies** of this new AASHTO Subcommittee as well as other items. Included below is a summary of the discussion which took place:

- Tony Kane, Director of Engineering and Technical Services, AASHTO, provided an overview of background activities with regard to Asset Management. In the 1990s, trends in government and the economy increased the need for a more structured approach to managing transportation assets. Various government activities which were focused on improved performance and quality as well as greater accountability were undertaken which were important to have in management systems. One response was the introduction, evolution, and finally institutionalization of an asset management methodology.

In 1996, AASHTO supported FHWA with the first executive workshop on transportation asset management. This workshop, attended by Fortune 500 representatives and State transportation officials, would later be recognized for transportation asset management as it is now known throughout the United States. AASHTO, TRB, and FHWA sponsored additional asset management workshops in 1997, 1999, 2001, and 2003.

In 1997, AASHTO created a transportation asset management task force, comprised of 12 State members plus representatives from FHWA and academia.

In 1999, FHWA created the Office of Asset Management, giving it responsibility for several functional areas, including management systems, life cycle costs including construction maintenance economics, some aspects of planning and policy and preservation. TRB established its own asset management task force in 2000. (More detailed history included in attachment)

- The AASHTO Task Force was sunsetted on December 31, 2003.
- The new Asset Management Subcommittee will have equal representation from the Standing Committees on Planning and Highways and representation from other appropriate committees. Having representation from the Maintenance and Rail Transportation Standing Committees and the Transportation Finance Subcommittee as well as the transit industry is desirable. This Subcommittee will focus on implementation and the state-of-the-practice.
- The AASHTO Subcommittee on Asset Management's role is to be the focal point on Asset Management for AASHTO. The Subcommittee needs to coordinate and exchange information on Asset Management including: provide training, exchange information, and work with other organizations including FHWA and TRB. This Subcommittee needs to be a source for information to the AASHTO Board of Directors and other associations, such as APTA, NACE, and APWA.
- The definition for Asset Management as included in the AASHTO Transportation Asset Management Guide is: "Asset Management is a strategic approach to managing transportation infrastructure." Asset Management enables more effective resource allocation and utilization, based upon quality information and analysis, to address facility preservation, operation and improvement.
- AASHTO is to provide the leadership and FHWA the technical support on Asset Management. FHWA will be looking at the Subcommittee activities to determine if they need to make adjustments to what they are focusing on.
- It was agreed that Kirk Steudle, Neil Pedersen, Dave Geiger, Lou Adams, and Charlie Howard would review the existing AASHTO Asset Management Strategic Plan and report on the status of the existing Strategies and Goals. In

addition they will draft future strategies as appropriate. This work is to be completed before the upcoming AASHTO meeting to be held in Philadelphia.

The following is a summary of the proposed activities of this Subcommittee: The Subcommittee will advance the State-of-the-Practice of Asset Management in State DOT's to optimize resources utilizing performance based goals and measures. It will be reviewing and updating the AASHTO Strategic Plan; sharing state-of-the-art practices through Peer Reviews and Domestic Scanning Reviews to promote Asset Management implementation; maintaining an active Asset Management Community-of-Practice Web Site; identifying research needs; sharing performance measures for self assessment to evaluate success; maintaining and updating as needed a current Asset Management Guide; and work cooperatively with and inform other AASHTO Committees and Subcommittees of Asset Management activities.

- The goals of this Subcommittee are as follows:
 - Develop partnerships with public and private entities having an interest and commitment to asset management,
 - Develop and document an understanding of asset management and how it can be used by member States,
 - Promote the development of asset management tools, analysis methods, and research topics,
 - Communicate with and inform member States how to utilize asset management,
 - Assist member States in assessing and implementing asset management principles.

- The AASHTO Asset Management web-site recently won an award from E-Gov for being an outstanding Knowledge Management Initiative Serving a Broad User Community. Mr. Lou Adams of New York DOT has a leadership role with regard to this site which is supported by FHWA with AASHTO under FHWA's knowledge initiative. The site had 5,800 hits in December. Mr. Adams will change the name of the Task Force in the site to account for the recent establishment of the Subcommittee. This change will result in a few hundred people having to change their profiles. The updating process should take 5-minutes or less per person.

- The TRB Asset Management Task Force recently had its status changed to a full Committee, ABC40. Dr. Sue McNeil of the University of Illinois – Chicago leads this Committee which will be meeting in July in Utah. It had been suggested that they may want to meet with representatives of this AASHTO Subcommittee while there, possibly on July 23. This is to be clarified by Kirk Steudle.

- Mr. Ron McCready made a presentation on the activities which TRB and NCHRP are undertaking with regard to asset management. The activities being undertaken include:

Recent Publications & Research:

- Asset Management Guidance for Transportation Agencies, NCHRP 20-24(11) developed under contract by Cambridge Systematics, Inc. and published by AASHTO. The National Highway Institute has a course which uses this publication as the course basis.
- Strategic Performance Measures for State DOTs: Handbook for CEOs and Executives

Current Research:

- Analytic Tools to Support Transportation Asset Management
- Performance Measures and Targets for Transportation Asset Management
- A Review of DOT Compliance with GASB 34 Requirements

Upcoming Research:

- GASB 34 – Methods for Condition assessment and Preservation

Recent Publications & Research:

- A Guidebook for Developing a Transit Performance=Measurement System

- An Asset Management Peer Review is planned for this calendar year, possibly in the Fall 2004. Ken Leonard has the lead in coordinating this event with Kirk Steudle, Marsha Kaiser, and representatives from Ohio DOT, FHWA (HIAM or HPL), and possibly the District of Columbia to work with him.
- An International Scanning Review is scheduled to be undertaken in FY 2005. The scanning review would travel to countries which are world leaders in Asset Management. A scanning review normally has a duration of two weeks with meetings and site visits set in approximately four countries. Scanning reviews focus on countries with the best practices and technology pertaining to the subject. The ultimate objective is to learn of practices which can beneficially be implemented in the U.S. The co-Chairs for this upcoming review are Paul Wells from New York DOT and Dave Geiger from FHWA. It was suggested that the review be scheduled to be undertaken in CY 2005. It was also suggested that the review look at the overall decision investment process (how decisions are made and based on what).

Action Items:

- Kirk Steudle, Neil Pedersen, Dave Geiger, Lou Adams, and Charlie Howard are to evaluate/report on the status of existing Strategies and Goals as included in the AASHTO Strategic Plan and develop future strategies as appropriate. In addition they will revise the mission statement.
- Dave Clawson and Dave Geiger will work together to retrieve notes of meetings from the AASHTO Task Force and TRB.

- Ken Leonard has the lead in coordinating an Asset Management Peer Review, he will work with Kirk Steudle, Marsha Kaiser, and representatives from Ohio DOT, FHWA (HIAM or HPL), and possibly the District of Columbia.
- Neil Pederson will make a presentation on Subcommittee activities at the AASHTO mid-year meeting in Utah.
- AASHTO staff are to solicit additional members for this Subcommittee from the Standing Committees on Highways, Maintenance and Rail Transportation as well as the Transportation Finance Subcommittee and the transit industry.
- Kirk Steudle is to contact Dr. Susan McNeil with regard to a possible joint mid-year meeting with TRB.
- The planning committee for the 2005 TRB/AASHTO/FHWA Asset Management conference needs to coordinate with TRB and start developing a conference theme and agenda. The planning committee will include Ken Leonard, Dave Clawson, Marsha Kaiser, and Francine Shaw-Whitson (FHWA).