

Minutes
Asset Management Subcommittee
AASHTO Standing Committee on Planning
Tuesday, January 11, 2005
Washington, D.C.

Subcommittee Members in Attendance:

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

Lou Adams, New York DOT
Marsha Kaiser, Maryland DOT
Mark Wolfgram, Wisconsin DOT

John Deatrick, District of Columbia DOT
Luisa Paiewonsky, Massachusetts DOT

Other Participants:

Jose Aldayuz, AASHTO
Bill Bolles, FHWA
Jan Edwards, AASHTO
Joe Garvey, Agile Assets Inc.
Stuart Hudson, Agile Assets Inc.
Mike Long, Oregon DOT
Sue McNeil, UIC
Janet Oakley, AASHTO
Francine Shaw-Whitson, FHWA
Thomas Van, FHWA

Jason Bittner, MRUTC, UWM
Doyt Bolling, Utah LTAP
Stephen Gaj, FHWA
Francis Harrison, Cambridge Systematics
Ken Leonard, Cambridge Systematics
Michael Markow, Consultant
Robert Mooney, FHWA
Hyun-A Park, Cambridge Systematics
Jeff Smith, Maryland DOT
Ernie Wittwer, MRUTC, UWM

The Asset Management Subcommittee of the AASHTO Standing Committee on Planning met on Tuesday, January 11, 2005. Attached is a copy of the meeting agenda as well as a list of Subcommittee members. Included below is a summary of the presentations and discussion which took place:

- Kirk Steudle welcomed the Subcommittee and guests. All participants introduced themselves.
- Dave Clawson spoke about the membership to this Subcommittee. Charlie Howard announced that he is retiring, his position will need to be filled. Mark Wolfgram has replaced Ken Leonard from Wisconsin DOT. Also, there is still a need to find a Finance Subcommittee liaison.
- Neil Pedersen led the discussion concerning finalizing the Strategic Plan Task Matrix. He made a motion to adopt the Strategic Plan Task Matrix which was seconded by Mark Wolfgram and was approved by the Subcommittee.

- The following is a summary of the progress report by Task Leaders in addressing the Strategic Plan:
 - Task 1-3-1: Kirk Steudle requested that another Subcommittee member volunteer to assist him with this Task realizing that Charlie Howard has announced his retirement.
 - Task 2-1-1: Lou Adams indicated that the Community of Practice website is well used and the recent transition of staff, at the University of Illinois - Chicago who are managing the site, has been smooth.
 - Task 2-1-2: Dave Geiger indicated that FHWA recently developed several case studies from State DOTs and is close to finalizing one from a local perspective from Hillsborough County, FL. An updated FHWA Transportation Asset Management information packet was provided to Kirk Steudle and Neil Pedersen for their review and comment.
 - Task 2-1-3: Neil Pedersen asked for volunteers from the Subcommittee who are able to meet with other DOTs, etc. to share their experience with Asset Management. Representatives interested should contact Marsha Kaiser or Neil Pedersen. Dave Geiger agreed to provide Subcommittee members with copies of King Gee's presentation on "Preserving America's Transportation Infrastructure".
 - Task 2-1-5: Kirk Steudle indicated that the letter which is to be sent to State DOTs requesting that they identify a DOT contact for Transportation Asset Management has been drafted and will be sent out this month. A copy of the respective letter will also be sent to each Subcommittee member.
 - Task 2-2-2: Lou Adams has received a presentation on Asset Management from Cambridge Systematics which will be made available.
 - Task 3-1-1: FHWA is looking at updating the NHI Transportation Asset Management Course. Michigan is developing a Transportation Asset Management Guide for locals in Michigan based on the AASHTO Guide. In the future, updating the AASHTO Guide needs to be considered.
 - Task 3-2-2: Neil Pedersen indicated that Gloria Shepherd, FHWA, is interested in working with him on this task to tap into FHWA's Capacity Building Program.
 - Task 3-3-1: Neil Pedersen stated that it is important to share information with other AASHTO Committees, efforts will be undertaken to hold joint meetings and have greater interaction in the future. It was recommended that Subcommittee members try to get on the agenda of the four AASHTO Regional summer meetings and on other AASHTO Committee/Subcommittee meetings to talk of how this Subcommittee is organized, what we are undertaking, and other upcoming AASHTO and TRB Transportation Asset Management activities.

- Task 4-1-1/9: Leonard Evans has requested assistance in undertaking these Tasks. Ernie Wittwer, MRUTC indicated that a lot of work has been done in many of the items included in Task 4.
 - Task 4-2-1: Dave Geiger indicated that the International Scanning review is scheduled to be undertaken April 8 – 22, 2005. The Scanning Team includes four State DOT, four FHWA, one local agency, and one academia representative as well as a report facilitator. The Team is scheduled to meet with officials in Edmonton, Alberta, Canada; New Zealand; Melbourne, Sydney and Brisbane, Australia; as well as England. The Co-Chairs are Paul Wells from New York DOT and Dave Geiger from FHWA. Qualifying questions have been developed. Neil Pedersen recommended that the Team look at how the host countries are promoting Transportation Asset Management politically.
 - Task 5-1-1: Lou Adams stated that Tim Gilcrest has provided feedback to TRB on the activities of the PIARC (World Road Association) Management of Road Infrastructure Assets Technical Committee (TC 4.1). This PIARC Technical Committee is in the process of developing their strategic plan.
 - Task 5-2-2: This is a new task and has not been assigned to an individual yet, a volunteer to manage this Task is requested. In recent years on the Saturday before the TRB Annual Meeting begins a group of approximately 15 academics meet on Transportation Asset Management. The focus of the discussion is getting asset management education to undergraduates. Tom Kazmierowski, Manager of Pavements, Ontario Ministry of Transport and Chair of the TRB Pavement Management Committee has actively met with this group.
 - Task 5-3-1: It was concluded that there are a number of other organizations to work with including the American Public Works Association and the ASCE Infrastructure Group.
- Neil Pedersen requested each Task Leader to develop an estimate of funding needed to accomplish their respective Task. If an organization can accomplish the respective Task with their own funds, that is appreciated. If funding will be needed, please provide an estimate to Neil by February 28, including possible funding sources. NCHRP, FHWA and others will be lobbied for funding. It was indicated that Wisconsin DOT has an active pooled fund project which includes other universities (www.mrutc.org).
 - Jan Edwards, of AASHTO, made a presentation pertaining to AASHTOWare and AssetManager, software that addresses decision-making. The goal of this initiative, NCHRP 20-57, was to produce user-friendly tools for transportation agencies that will improve their decision-making at the network and program levels including trade-off analysis for resource allocation. All 50 States use at least one AASHTOWare product. AASHTOWare is a self supporting program.

This Subcommittee is the natural home for this product. The Subcommittee was asked to champion “AssetManager” implementation and support the proposed AASHTO AssetManager project. Five volunteers are to serve on the Steering Committee to guide pre-solicitation activities. They are looking for a minimum of 10 State participants in the future. The goal is to issue the solicitation in June. The cost per State for AssetManager will be \$75,000 - \$100,000. Dave Geiger indicated that State DOTs should be able to use SPR funds for this. Neil Pedersen motioned that the Sub-committee champion this product, it was seconded by Marsha Kaiser and approved by the Subcommittee. Neil Pedersen asked that Jan Edwards make this same presentation at the upcoming SCOH meeting.

- Mr. Jose Alduyuz indicated that AASHTO has developed a Maintenance /Asset Management System out of the Maintenance Subcommittee. Lou Adams stated that New York sees this as a good management tool and a means of accumulating maintenance work history uniformly. AASHTO is looking for volunteers to help prepare a solicitation proposal for this System.
- Marsha Kaiser informed the Subcommittee that the Call for Presentations for the upcoming Sixth National Conference on Transportation Asset Management is out. They are looking for presentations not papers, therefore papers do not need to be prepared. Abstracts must be submitted by March 31. The Conference is to take place November 8 – 10, 2005 in Kansas City, MO. A new representative from this Subcommittee is needed to assist in the organization of the event and will replace Ken Leonard who has retired.
- Dave Geiger stated that the NHI Asset Management Course is available to State DOTs and that the course can be tailored to meet the needs of the State. The course is focused on implementation with a greater emphasis being placed on program integration and decision-making tools as well as providing examples of how Asset Management has been implemented in various locations. FHWA is continuing to develop case studies for which there has been good feedback. FHWA is completing a study pertaining to Transportation Asset Management for Road Safety with the Primer expected to be published in a few months. In addition, FHWA’s Offices of Infrastructure and Policy are looking at remaining service life of pavements and structures to determine appropriate factors to consider and to assess if there will be a significant spike of future needs related to age, loadings, condition, etc. The Construction Program Management Manual is now available, 15 States have requested the respective course. The FHWA travel information survey will be out this Spring. FHWA issued a memo to our Division offices regarding preventive maintenance eligibility in October 2004. A Question and Answer website to address related issues is being developed. Preventive maintenance is one of the key elements of a successful Transportation Asset Management Program.
- Kirk Steudle asked the Subcommittee to propose possible research initiatives for consideration for NCHRP synthesis needed in Transportation Asset Management.

Possible topics suggested included Remaining Service Life of pavements, bridges and other assets, traffic signals, retaining walls, signs, etc., Jeff Smith is to draft synthesis statements. This is an area where the AASHTO and TRB Asset Management Groups need to place some emphasis. Doyt Bolling, of the Utah LTAP Center indicated that he had the lead for the LTAP Centers in cooperating with this Subcommittee.

- It was suggested that the next meeting of this Subcommittee be held in New Jersey in conjunction with the AASHTO mid-year meeting in May. During the joint AASHTO-TRB Asset Management Committee meeting later in the day, it was suggested that a joint meeting be held in Boston on July 10. Kirk, Neil and Dave will discuss this issue further and will inform the Subcommittee of the location of the next meeting when a decision is made.

Action Items:

- AASHTO is to find for the Subcommittee a Finance Subcommittee liaison and a replacement for Charlie Howard who has announced his retirement.
- In addition, a replacement for Charlie Howard to work with Kirk Steudle to tie the Asset Management and Performance Initiatives closer together is requested.
- A letter in Chairman Steudle's signature is to be sent to State DOTs requesting identification of Asset Management contacts in their DOTs.
- A replacement for Ken Leonard should be named to work with Marsha Kaiser to cooperate with TRB concerning the planning of the upcoming 2005 TRB/AASHTO/FHWA Asset Management Conference.
- Volunteers from the Subcommittee, who are able to meet with other DOTs, etc., to share their experience with Asset Management are requested. Representatives interested should contact Neil Pedersen or Marsha Kaiser.
- Dave Geiger is to provide Subcommittee members with copies of King Gee's presentation on "Preserving America's Transportation Infrastructure".
- All members are asked to review the Strategic Plan with volunteers needed to lead or assist in the respective Strategies and Tasks.
- AASHTO is looking for 10 States to participate in the AssetManager AASHTOWare Program as well as volunteers to participate in helping prepare a solicitation proposal for the AASHTO Maintenance/Asset Management System.
- Lou Adams will make available a copy of a presentation on Asset Management which was provided to him from Cambridge Systematics.
- Dave Geiger is to provide copies of FHWA's Asset Management information/marketing package to Subcommittee members when revisions are completed.
- Subcommittee members should try to get on the agenda of the four AASHTO Regional summer meetings and on other AASHTO Committee/Subcommittee meetings to discuss how this Subcommittee is organized, what we are undertaking, and other upcoming AASHTO and TRB Transportation Asset Management activities.
- Jeff Smith is to draft synthesis statements for research to be undertaken with NCHRP.

- Task Leaders are to develop an estimate of funding needed to accomplish their respective Task. If funding will be needed, please provide an estimate to Neil by February 28, including possible funding sources.
- Subcommittee leadership will inform the Subcommittee members of the location of the next meeting when a decision is made.