
Asset Management Resources

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Technical Committees

- **AASHTO Subcommittee on Transportation Asset Management**

- Includes representation from highway, planning and finance
- Strategic plan that provides an agenda for future work.
- Chair: Kirk Steudle (Michigan), Co-chair: Neil Pedersen (Maryland)

- **TRB Committee on Transportation Asset Management**

- Multimodal, includes state and local government
 - Sponsors asset management sessions at the TRB Annual Meeting in January in Washington DC.
 - Chair: Sue McNeil (University of Delaware)
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- **Vision of AASHTO's Transportation Asset Management Subcommittee:**

Asset Management is a standard for State DOTs and others for making investment decisions and managing the nation's transportation system.

Conferences – FHWA/ TRB/ AASHTO

- The first conference, held in 1996 in Washington DC, “Advancing the State of the Art into the 21st Century through Public-Private Dialogue.”
 - invitation only and included representatives from Chrysler, Walmart, GTE Conrail and public utilities.
 - The second national conference, held in 1997 in Albany, New York, Theme: “21st Century Asset Management.”
 - The third national conference, held in 1999 in Scottsdale, Arizona, peer exchange between state departments of transportation.
 - The fourth conference, held in 2001 in Madison, Wisconsin, Theme: “Taking the Next Step.”
 - The fifth conference, held in Seattle and Atlanta in 2003, Theme: “Moving from Theory to Practice.”
 - The sixth conference, held in 2005 in Kansas City, Theme: “Making Asset Management Work in Your Organization”
 - The seventh conference, held in 2007 in New Orleans, Theme: “New Directions in Asset Management and Economic Analysis”
 - The eighth conference, held in 2009 in Portland (OR), Theme: “Putting the Asset Management Pieces Together”
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FHWA's Office of Asset Management

Teams:

- **Management & Monitoring Systems**
 - **Construction & System Preservation**
 - **Evaluation & Economic Investment**
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What is available?

- **Asset Management Primer**
 - **Case Studies**
 - **Workshops**
 - **NHI Training**
 - **Web conferences**
 - **Etc.**
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Other Asset Management Activities ... What's going on:

- **Research**
 - **Tool development**
 - **UTCs**
 - **Websites**
 - **Training**
 - **Domestic Scan**
 - **Peer Exchanges**
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Research

■ Completed NCHRP Projects:

- Project 20-24(11), Asset Management Guidance for Transportation Agencies -
([http://www4.trb.org/trb/crp.nsf/All+Projects/NCHRP+20-24\(11\)](http://www4.trb.org/trb/crp.nsf/All+Projects/NCHRP+20-24(11)))
- Project 20-57, Analytic Tools to Support Transportation Asset Management -
(<http://www4.trb.org/trb/crp.nsf/All+Projects/NCHRP+20-57>)
- Project 20-60, Performance Measures and Targets for Transportation Asset Management -
(<http://www4.trb.org/trb/crp.nsf/All+Projects/NCHRP+20-60>)
- Project 19-04, A Review of DOT Compliance with GASB 34 Requirements -
(<http://www4.trb.org/trb/crp.nsf/All+Projects/NCHRP+19-04>)
- Project 20-74, Developing an Asset Management Plan for the Interstate Highway System
(<http://144.171.11.40/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=660>)

Research

- **Completed Synthesis Projects**

- Synthesis of Highway Practice 37-03, Managing Selected Transportation Infrastructure Assets

http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_syn_371.pdf

Research

■ Ongoing NCHRP Projects:

- **NCHRP 20-74A**- Development of National Level of Service Criteria for the Interstate Highway System
 - **NCHRP 08-69**Supplement to the AASHTO Transportation Asset Management Guide: Volume 2 - A Focus on ImplementationActiveResearch in Progress
 - **NCHRP 08-70**Target-Setting Methods and Data Management To Support Performance-Based Resource Allocation by Transportation Agencies
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Tool/ Resource Development

- **AASHTOWare project to develop asset management tools building on NCHRP Project 20-57**
 - **Asset Management Data Collection Guide, AASHTO-AGC-ARTBA Task Force 45 Report (available from AASHTO)**
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Websites

- **Community of Practice – Transportation Asset Management Today (TAMT) –**
<http://assetmanagement.transportation.org>
 - **FHWA Office of Asset management**
<http://www.fhwa.dot.gov/infrastructure/asstmgmt/index.htm>
 - **MRUTC – Midwest Regional University Transportation Center** <http://www.mrutc.org>
 - **Midwest Transportation Center – MTC**
<http://www.ctre.iastate.edu/mtc/index.htm>
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Websites .. continued

- National Asset Management Steering Group (New Zealand)
www.nams.org.nz

 - Ingenium www.ingenium.org.nz
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AM Discussion Websites

- **AssetMates Discussion Group**

IPWEA, Australia

<http://www.ipwea.org.au/cgi-bin/discus/discus.pl>

- **TAM Today Discussion Group**

Transportation Research Board

<http://assetmanagement.transportation.org>



Transportation Asset Management Today



Welcome to The Transportation Asset Management Today website, the knowledge site sponsored by the AASHTO Subcommittee on Transportation Asset Management! Visit the topic areas below and enjoy the experience. Click on any of the topic area names to join a discussion in progress, initiate a new discussion, or check out the reference documents and links. For regular email updates about each topic, fill out the "e-Mail Notification" form accessible above. Once registered, you will receive daily notification of any new reference materials or discussion topics posted in your areas. You also have the option of including your name in the site's growing directory.

Webmaster: Scott King, Oregon Department of Transportation,
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:: About this site ::

This knowledge site is dedicated to the open exchange of information and knowledge about transportation asset management. Participation is open to the public. *Content found in the Topic Areas may not necessarily reflect the opinion or policy of AASHTO, the Transportation Research Board, or the Federal Highway Administration.*

:: Topic Areas ::

- [a. Asset Management 101](#)
- [b. Innovation and Success](#)
- [c. Management Systems](#)
- [d. Tools](#)
- [e. Applications](#)
- [f. AASHTO](#)
- [g. TRB](#)
- [h. Research and Education](#)

:: Related Links ::

- [AASHTO Homepage](#)
- [FHWA Office of Asset Management](#)
- [Transportation Research](#)

Training

- **NHI Course - FHWA-NHI-131106 Asset Management**
- **MRUTC Catalog**
<http://www.mrutc.org/research/0602/>
- **American Public Works Association (APWA) offers “click-listen and learn” seminars.**

Training (continued)

- **FHWA offers workshops and training**
 - HERS-ST, Life Cost Cycle Analysis, Benefit Cost Analysis, Preservation, Pavement Management
 - **EPA Training courses**
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International Scan

- [http://assetmanagement.transportation.org/tam/aashto.nsf/All+Documents/30F144B18E33667A852570A000468331/\\$FILE/TAM-International_Scan_Final_Report.pdf](http://assetmanagement.transportation.org/tam/aashto.nsf/All+Documents/30F144B18E33667A852570A000468331/$FILE/TAM-International_Scan_Final_Report.pdf)



Domestic Scan

- http://onlinepubs.trb.org/onlinepubs/trbnet/acl/NCRHP2068_Domestic_Scan_TAM_Final_Report.pdf
- **August/ September 2006**
- **Chairs: Kirk Steudle and David Geiger**
- **Visited:**
 - **Michigan/ Ohio/ Kent County**
 - **Florida DOT/ Florida Turnpike Authority/ Hillsborough County**
 - **Oregon/ Portland/ Asset Management Assoc.**
 - **Utah**
 - **Minnesota**

Peer Exchanges

- **Provide an opportunity for agencies to share information, showcase their work, and find new ideas**
- **To date:**
 - **Fall 2004 – Asset Management Peer Exchange**
 - **June 2005 – Asset Management in Planning and Operations**
 - **Fall 2005 - Spatial Asset Management Data Peer Exchange**
 - **Summer 2006 – MPO Peer Exchange**
 - **Fall 2006 – Safety and Asset Management Peer Exchange**
 - **Summer 2007 – Maintenance**
 - **Spring 2008 – Aligning Data**
 - **Winter 2008 – Adaptation and Climate Change**
 - **Fall 2009 – Safety Tools and Asset Management**

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