

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS

AASHTO SUBCOMMITTEE ON INFORMATION SYSTEMS (ASIS)

New Member Orientation



ASIS—AASHTO SUBCOMMITTEE ON INFORMATION SYSTEMS
[HTTP://ASIS.TRANSPORTATION.ORG](http://asis.transportation.org)

AASHTO
THE VOICE OF TRANSPORTATION

Orientation

1. What is AASHTO?

- Organization, Vision & Mission
- Technical & Other Activities
- Officers

2. Subcommittee on Information Systems

- General
 - Officers and Charge Statement
 - Task Forces & Work Groups
 - Other Opportunities
- Conference
 - Format & Activities in Boise

3. AASHTOWare



What is AASHTO?

- A nonprofit association founded in 1914
- Members include:
 - Highway and transportation departments of the 50 states, the District of Columbia, and Puerto Rico
 - 43 Associate Members from Federal, State, and Local agencies and other countries
- Covers all five transportation modes:
Air, Highways, Rail, Transit, and Water



AASHTO's Vision

**The voice for transportation and catalyst
for organizational and technical excellence.**



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THE VOICE OF TRANSPORTATION

Mission

- Advocates for effective national transportation related policies
- AASHTO is a source of timely information on transportation related policy developments in Congress and the Executive Branch, and of “best practices” at the State level



Mission

Provide technical services

- Setting standards and developing guidelines
- Developing and Licensing software
- Publications
- Centers of Excellence
- Laboratory and Product Assessments



National Leadership

- Board of Directors
 - 52 members, one from each member department
 - Sets association policy
- Executive Committee
 - 11 members
 - Officers and regional representatives
 - Manages fiscal affairs



AASHTO Officers



Michael P. Lewis
President
Rhode Island
Department of Transportation

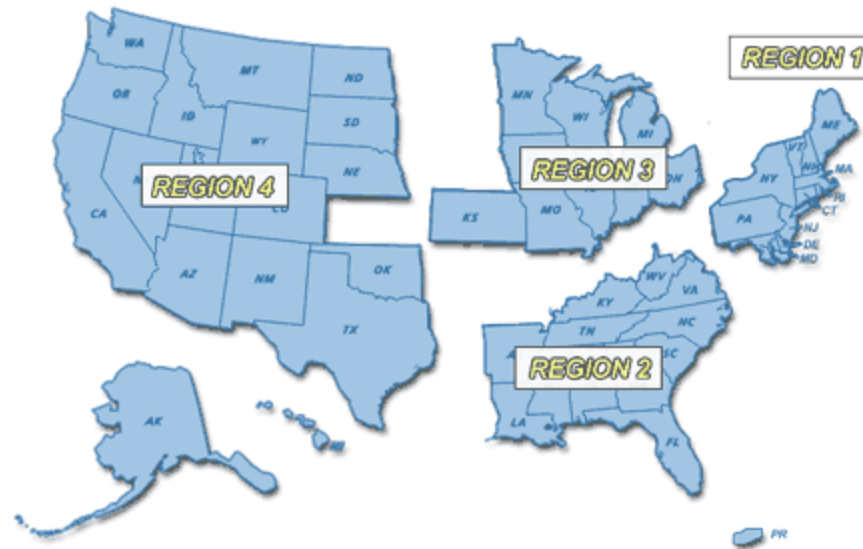


Bud Wright
Executive Director

Mike Hancock
Vice President
Kentucky Transportation Cabinet



Regional Associations



1. **Northeastern Association of State Transportation Officials (NASTO)**
2. **Southeastern Association of State Highway and Transportation Officials (SASHTO)**
3. **Mid America Association of State Transportation Officials (MAASTO)**
4. **Western Association of State Highway and Transportation Officials (WASHTO)**

Note: Regional associations are entities independent and separate from AASHTO.



Standing Committees

Modal

- Aviation
- Highways
- Public Transportation
- Railroads
- Water Transportation

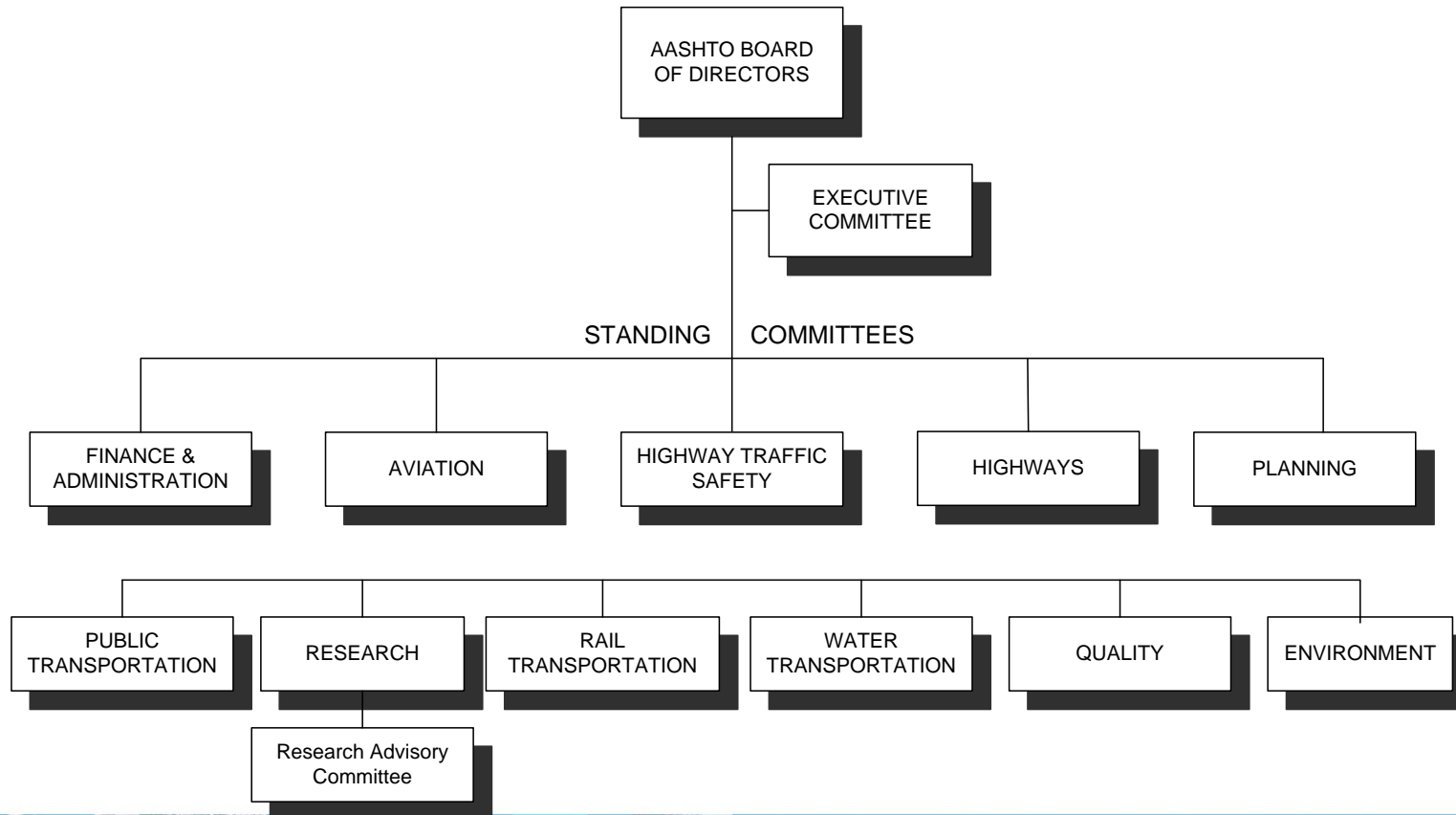
Topic-Oriented

- **Finance and Administration**
- Environment
- Planning
- Performance Management
- Research
- Safety



Committee Organization

AASHTO COMMITTEE ORGANIZATION



ASIS Officers



Roberta Broeker, Chair

Chief Financial Officer

Missouri Department of Transportation



Mike Bousliman, Vice Chair

Chief Information Officer

Montana Department of Transportation



Shannon Barnes, Host

Chief Information Officer

Idaho Transportation Department



ASIS Charge Statement

The subcommittee shall work for the betterment and improvement of Member Departments in the application of information systems and technology that support transportation programs. These activities shall include, but are not limited to: promotion of cooperative activities through joint development for the shared purchase or licensing of computer software and software consulting services; and providing a forum where Member Departments can share information and collectively pursue the effective use of information systems for: a) data, text, image, graphics and geoprocessing, including the related areas such as surveying and cartography, and b) telecommunications, including voice, data, radio, facsimile, and video. It shall report to the Standing Committee on Finance and Administration. This reporting shall include identifying and reporting on any federal regulatory mandates of national concern. Each member Department shall be entitled to membership thereon. To ensure consistency and the best thinking of the Association, the subcommittee shall work cooperatively, as appropriate, with other subcommittees, agencies, and external organizations.

Benefits of Member Participation

- Timely and relevant information
- Peer contacts with similar issues – learn how others have handled the same issues/problems
- Best practices – state DOT success stories
- Industry developments
- Opportunities for input:
 - Program Committee – help plan next year’s conference
 - Conference Survey – help us figure out what did and didn’t work
 - Annual IT Survey – help guide AASHTOWare development

Membership Terms

- Each Member Department is entitled to one member
 - Additional alternate representatives may be designated
- No term limit; serve at discretion of Member Department CEO
- Listing on ASIS website and AASHTO Reference Book/directory

Tasks Forces & Work Groups

- Annual ASIS Conference Planning Committee
- GIS-T Task Force



Other Opportunities

- Hosting Future ASIS Meetings
 - Need volunteer(s) to host annual conferences:
 - 2014 – North Dakota
 - 2015 -- ?
- Joint Technical Committee on Electronic Engineering Data (JTCEED)
 - ASIS Representation
 - 2 vacancies
 - Most activity handled through teleconferences;
1 meeting/year – DOT must pay travel expenses

This Year's Conference - Highlights

- First time co-located with GIS-T Symposium - ASIS conference run as one track
- Sunday
 - Orientation
 - Technology Hall Reception
- Monday
 - Registration
 - Opening General Session /Welcome / Roll Call
 - Keynote: Tom DeCoster
 - Generational Workforce Issues: Seth Mattison
 - Technology Hall Reception
 - Dinner on your own – Area attractions
- Tuesday
 - Vendor Exhibits open – Breakfast, lunch and during breaks
 - Business Meeting (8:00 AM)
 - Host State Event: Basque Block / Dinner
- Wednesday
 - Vendor Exhibits open – Breakfast, lunch and during breaks
 - ASIS sessions end at Noon



AASHTOWare Fundamental Principles

- Significant cost savings by pooling resources (both money & people)
- Software developed by DOTs for DOTs
- Best practices approach

AASHTOWare

Technical Service Program - Committees

- Special Committee on Joint Development (SCOJD)
- Technical & Application Architecture Task Force (TA&A)
- AASHTOWare Project & Product Task Forces

AASHTOWare Methodology

Customer Satisfaction



- Significant value -- cost savings over custom solutions
- Focus is on universal requirements of all of participants -- to meet 90% of common needs.
- Build in flexibility- so products can be customized to meet unique customer needs (i.e. the remaining 10%).
- This philosophy applies to the entire software development and support life cycle.

Program Participation Levels

- 50 State DOTs, plus the District of Columbia, Puerto Rico and the Federal Highway Administration license one or more AASHTOWare products
- 4 Canadian Provinces, several foreign countries, counties, cities, universities, and numerous consulting firms

Application Areas

- Construction / Project Lifecycle
 - AASHTOWare Project (formerly Trns•port) - Modular suite of products covering entire lifecycle of construction project contract management
- Bridge
 - AASHTOWare Bridge Management (formerly Pontis)
 - AASHTOWare Bridge Rating (formerly Virtis)
 - AASHTOWare Bridge Design (formerly Opis)
- Pavement
 - AASHTOWare Pavement ME Design (formerly DARWin-ME) - Pavement Design and Analysis
- Right-of-Way
 - AASHTOWare Right-of-Way Relocation (formerly Turbo Relocation) – Benefits Calculator
- Safety
 - Safety Analyst – Highway Safety Management

Task Force Membership Opportunities

- Vacancies from time to time on all product task forces and SCOJD
 - If interested talk to Jan or Mike

Questions?

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