



Subcommittee on Maintenance Update

Las Vegas, NV

July 18, 2016



SCOM Update

- SCOM Strategic Plan/Structure
- Standing Committee on Highways (SCOH) Update
- Regional Meetings
- Cross Cutting Issues
- TWG Participation
- Asset Management/Performance Measures
- Safety
- Challenges

SCOM Strategic Plan



Vision

- Supports members with guidance for the maintenance operations of the evolving transportation system, and addresses new challenges through leadership and innovation.



Mission

- Provides technical and policy guidance to members and supports the AASHTO organization in preserving and maintaining a safe and reliable highway infrastructure that meets the expectations of its customers.



SCOM Strategic Plan

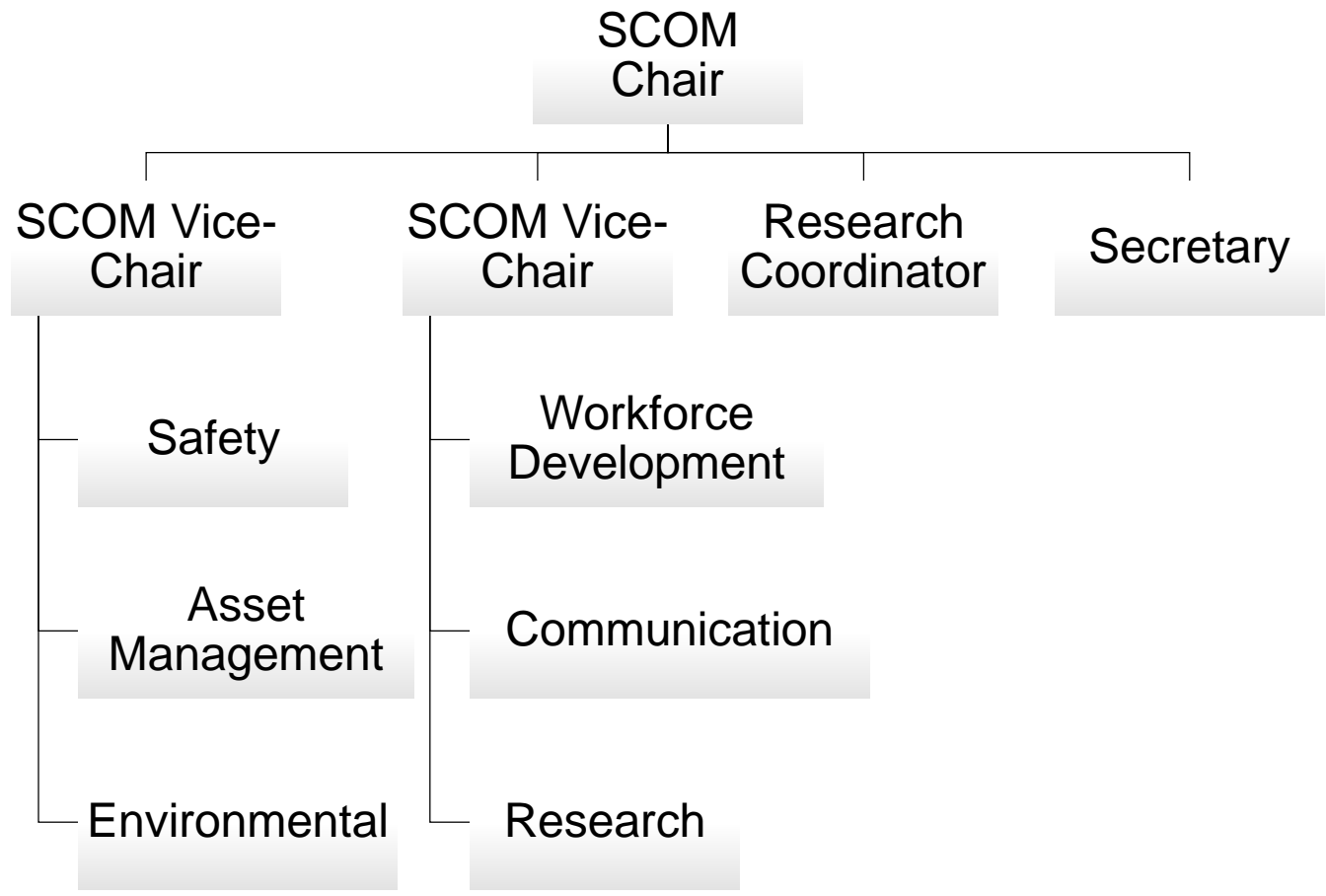


Goals

- The products and actions of SCOM will support members in their efforts to promote:
 - A safe, reliable highway system in a state of good repair
 - Accountability and transparency through performance management
 - Environmental stewardship and compliance
 - A well-qualified and competent workforce
 - The communication of the value and role of maintenance
 - Research, innovation and emerging technology



SCOM Structure





SCOM Strategic Focus Areas

Six “Strategic Focus Areas” connect to the goals as follows:

- **Safety**
 - Goal: Promote a safe, reliable highway system in a state of good repair.
- **Asset Management**
 - Goal: Promote a safe, reliable highway system in a state of good repair;
 - Goal: Promote accountability and transparency through performance management.
- **Environmental**
 - Goal: Promote environmental stewardship and compliance.
- **Workforce Development**
 - Goal: Promote a well-qualified and competent workforce.
- **Communication**
 - Goal: Promote the communication of the value and role of maintenance.
- **Research**
 - Goal: Promote research, innovation and technology.



SCOM Structure

Five technical working groups (TWGs):

- **Pavement** - Promotes the preservation and maintenance of pavements
- **Bridge** - Promotes the preservation and maintenance of bridges
- **Roadway/Roadside** - Focuses on highway maintenance issues including traffic services, vegetation, safety appurtenances, signs, striping, drainage, and lighting
- **Equipment** - Addresses equipment issues and champions the principles and practices of effective equipment management.
- **Maintenance Operations** - Focuses on highway maintenance operations issues including work zone safety, snow and ice control, and emergency response



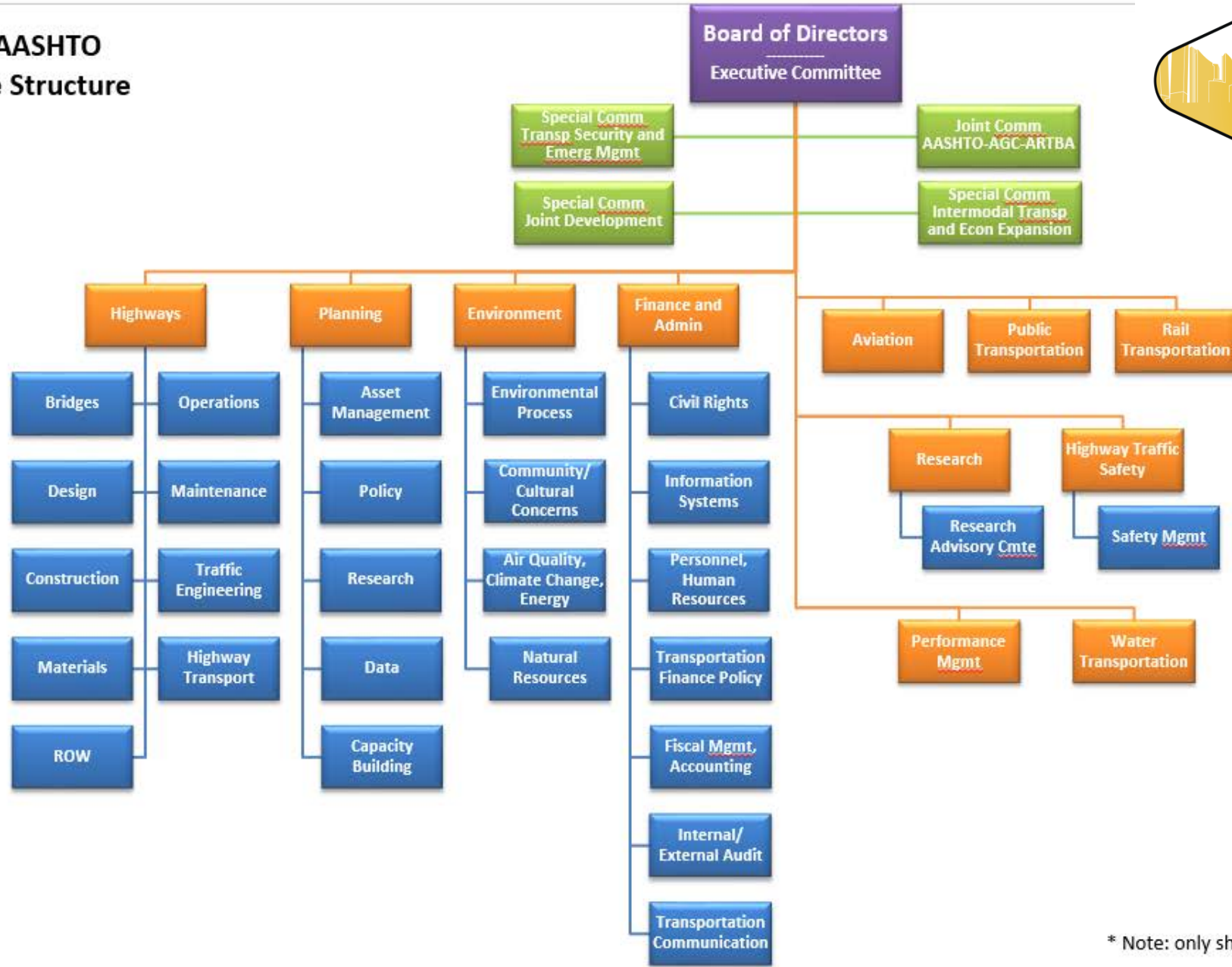
Strategic Focus Areas

Technical Working Groups	Safety	Asset Management	Environment	Workforce Development & Retention	Communication	Research
Pavement	Workforce Work zone Equipment operations Public	Performance measures for maintenance including MAP21	Regulation and compliance Climate change mitigation and adaptation strategies	Innovative training Knowledge management	Marketing -value of maintenance -successful strategies	Research needs Research findings
Bridge				Asset management systems		
Roadway/Roadside		Performance management	Ecosystems (invasive species and endangered species)	Training for technology	-elected officials -general public	Adaptation of maintenance to technology
Equipment		System preservation Accountability and transparency	Support maintenance academies and NHI maintenance courses	-executives Research products and implementation	Innovations	
Maintenance Operations						

Primary Activities of each Technical Working Group

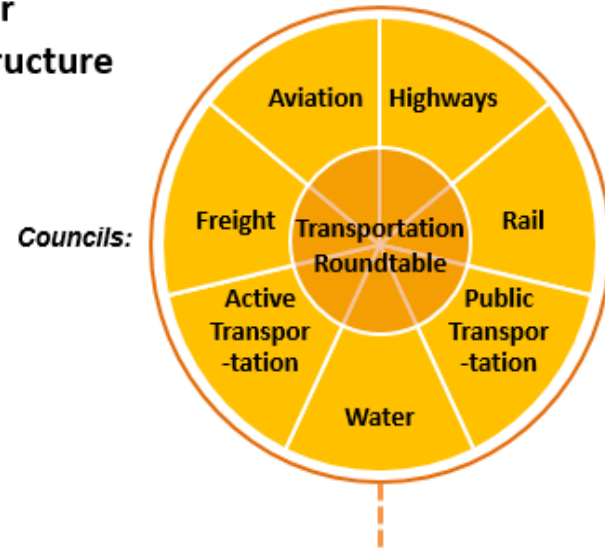
Writing Guidelines and Standards, Updating Manuals, Identifying and Communicating Emerging Practices, Project/Program Delivery, Website maintenance, Newsletters, Basic Governance, Technical Service Program Coordination

Current AASHTO Committee Structure

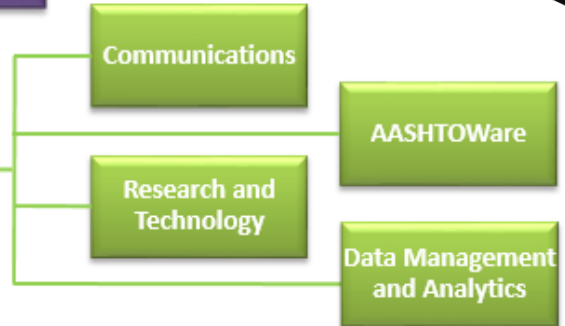


* Note: only showing active committees

Draft Scenario for Revised Committee Structure



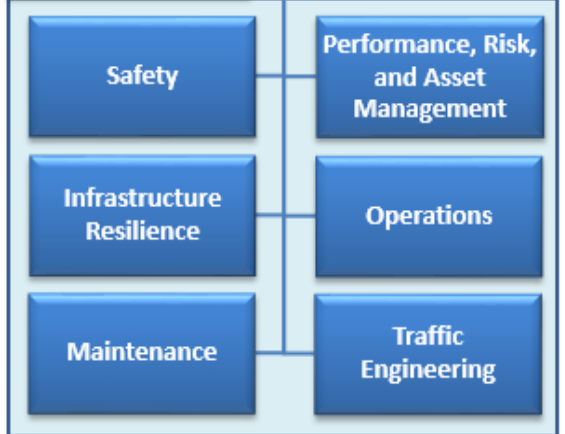
Special Committees:



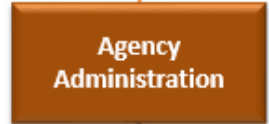
Coordinating Committees:



Committees:



Managing Committee:





SCOH Update

- Urban Design – Develop a separate Design Guide for Urban areas
- Technical Service Program Triennial Reviews – TSP2, TCCC, LRFD, Ops
- MASH Implementation
- Tower Cranes
- Small Cell Towers
- Pollinators
- Connected/Autonomous Vehicles



Regional Meetings

- Discuss regional issues
- Open dialogue
- Shared experiences/issues
- Need feedback
- Report at Business Meeting



Cross Cutting Issues

- Liaisons
 - How is information shared?
 - Vacancies
- Joint Meetings
- Technical Groups with Overlapping Scopes
- Communication



TWG Participation

- Please participate in a couple of TWGs of your choosing
- The output is only as good as the input
- Participation is needed year round
- The leadership needs participation from its members/participants



Safety

AASHTO Initiative - Toward Zero Deaths

- Worker safety
 - Work Zone
 - Occupational
 - Health
 - Equipment Innovation
- Driver safety
 - Distracted Drivers
 - Public awareness



Last Slide

- Make use of your time here
- Peer Exchange
- Have Fun (But not too much 😊)
- Thanks for what you do to maintain the nations infrastructure