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
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

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<th>Technical Working Groups</th>
<th>Safety</th>
<th>Asset Management</th>
<th>Environment</th>
<th>Workforce Development &amp; Retention</th>
<th>Communication</th>
<th>Research</th>
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### 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

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Performance measures for maintenance including MAP21 Asset management systems Performance management System preservation Accountability and transparency

- Regulation and compliance Climate change mitigation and adaptation strategies Life cycle assessment Sustainability Ecosystems (invasive species and endangered species) Innovative training Knowledge management Succession planning Support maintenance academies and NHI maintenance courses

- Marketing - value of maintenance - successful strategies Outreach to and education of stakeholders including: - elected officials - general public - executives Research products and implementation

- Research needs Research findings Adaptation of technology to maintenance Adaptation of maintenance to technology Innovations
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