AASHTO Subcommittee on Maintenance

2017 ANNUAL MEETING – PROVIDENCE, RI
Introductions
Acknowledgements
New AASHTO Committee Structure
Current AASHTO Committee Structure
Strategic Objectives/Outcomes

Organizational Structure
◦ Provide an organizational structure that ensures committees can operate efficiently and be nimble, adaptable, and forward looking.

Organizational Focus
◦ Broaden multimodal perspectives of committees and their coverage.

Committee Priorities
◦ Prioritize committee activities and the resources required to support and conduct these activities while representing the diverse views of the member departments.

Cross-Committee Interactions
◦ Provide for increased communication between committees
Highways and Streets is “Parent Council” to Maintenance

Other Councils can be considered as either:
- “step parents” or
- “aunts and uncles”

Multi-council approach facilitates input by other committees and across modes.
Technical Matters
Work Flow

Example: MASH
Multi-Modal Matters
Work Flow

Example: Geometric Design of Transit Facilities
Committee Procedural Changes

- Better define the roles and responsibilities of the committees.
- Establish committee activities focused on Strategic Plan goals.
- Improve direction from parent committees to subgroups.
- Committee chairs be members of a Council, the TPF or Board, and that subgroup chairs be members of the parent committee.
- Establish “steering committees” within committees.
- Identify cross-cutting liaisons between appropriate committees.
- Technical service programs guided by appropriate committee(s).
- Encourage groups to operate virtually.
- Establish Communities of Practice for discipline/topical areas.
- Establish ad-hoc, short-term task forces for specific matters.
- Formalize the role of the Associate Members.
- Allow limited participation by private sector representatives.
AASHTO Strategic Goals

- Provide value to members
- Provide innovative technical and professional services and products
- Be a leader in national transportation policy development
- Communicate the value of transportation
New Committee Structure – Implementation Status

Approved by the Board of Directors at the 2016 Annual Meeting in Boston, MA

No direct change to SCOM structure

Strategic Management Committee established.
- Chair: John Schroer (TDOT), AASHTO Vice President
- Reports directly to the Board of Directors

Consultant support to facilitate change
- Updating AASHTO web pages
- Supporting committee efforts to update organizational documents
- Update of master database of committees and membership lists
New Committee Structure – Update to Organizational Documents

July 10, 2017 email from Bud Wright

Committee Purpose Statement (Charge Statement)
• Draft to be submitted to AASHTO Board of Directors prior to the Annual Meeting (September 2017)

Committee Charters
• Update of the Charter due to AASHTO by December 1, 2017.

Committee Strategic Plan
• Update of the Strategic Plan due to AASHTO by April 1, 2018

Committee Annual Work Plan and Accomplishment Reports
• Due in August 2018
SCOM
“The Committee on Maintenance shall develop and maintain appropriate information, through guidelines, manuals, specifications, and other resources, to address the maintenance and preservation of all classes of highways under the jurisdiction of the member departments. This information shall cover such topics as maintenance methods and practices, maintenance inspection work, and equipment and practices. The committee shall also encourage maintenance performance records and reports that: identify design features that should be corrected as disclosed through maintenance problems and operation; promote efficient and effective maintenance through improved management practices; protect and enhance the quality of the environment; and include recommendations relating to roadside development and the preservation of the roadside.”
Draft Committee Purpose Statement

Draft supplied by Jim McDonnell, based on AASHTO Governing Documents (see handout)

Sometimes known as a Mission Statement

TWG Assignment
- Discussion Item during the Monday afternoon breakout session
- TWG Chairs to share summary of discussion at the Tuesday morning Leadership Breakfast
- TWG Chairs to include the summary on a single dedicated slide at the business meeting

SCOM Leadership Assignment
- Use TWG input to finalize draft Charge Statement
- Submit to AASHTO prior to Annual Meeting in September 2017
SCOM Goals

Be committed to fundamentals while embracing new technologies and processes.

- DOTs are transitioning from a primary focus on capital programs to a primary focus on preservation and operation
- Excellence in the fundamentals is essential; new technologies/processes must be incorporated

Be recognized as an organizational leader in the Maintenance community

Better coordination between SCOM and TSPs.

Improve participation and attendance by SCOM member agencies

Become more engaged with other AASHTO communities that have influence on Maintenance practices and processes
Participation and Involvement

Attendance by Region and Year

Count of Count

Year

AASHTO Region

MAASTO
NASTO
SASHTO
WASHTO
## Participation and Involvement

### Attendance by Region and Year

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### Bar Chart

- **X-axis:** AASHTO Region
- **Y-axis:** Count of Count
- **Legend:**
  - 2013 - VT
  - 2014 - WV
  - 2015 - IA
  - 2015 - IA
  - 2016 - NV
  - 2017 - RI

The bar chart visually represents the attendance by AASHTO region for each year.
TWG Membership Structure

Currently only the Chair and Two Vice Chairs are “official” members

TWG Members
- SCOM members (6 to 12)
- Able to vote on TWG matters
- Agree to be active with the TWG outside the annual meeting
- Facilitates continuity of TWG efforts

TWG Friends
- Industry, Consultants, Academics
- Not able to vote on TWG matters.

Expected, but not mandatory, that SCOM members are members of one TWG.
TWG Research Needs Statements and Resolutions

Fundamental products – VERY important

Resolutions (handout)
- Establish something to remedy an existing problem
- Amend an existing policy, rule or bylaw
- Express recognition and appreciation

Research Needs Statements
- Starting point for majority of delivered products
- Multiplier effect – provides access to organizations and personnel beyond Maintenance Committee

Ideal schedule
- TWGs vote on prepared resolutions and RNS at annual meeting
- TWGs spend discussion time during annual meeting to identify future resolution and RNS subjects
Collaboration with Other Subcommittees

Other subcommittees generate products that directly impact Maintenance

- Materials and Pavements
- Environment and Sustainability
- Design
- Construction
- Bridges and Structures
- Traffic Engineering
- Transportation Systems Management and Operations
- Asset Management

SCOM needs to have an appropriate seat at the table with these other groups.

SCOM is not a specification or publication driven group, but it is important that we generate relevant products that support the Maintenance community.
Outreach – Web Page

SCOM Website needs to be an active, working site
◦ TWG specific pages
◦ Functionally organized
◦ Publication of surveys (searchable, organized)

Our web presence is probably the primary gateway used by non-committee members to learn about the work of the committee.
Outreach - Other

TWG Interaction with other committees/groups (AASHTO and non-AASHTO)

White papers on technical issues and best practices

Webinars and other means to promote technical findings and best practices

Synthesis efforts and surveys

Domestic Scans

NCHRP Projects

Peer Exchanges

AASHTO Publications
Miscellaneous

Guidance document on AASHTO Resolutions

National Information Library on Maintenance Quality Assurance (MQA) for the Highway Maintenance Community
Questions?
Committee Leadership
Vice Chairs

STEVE LUND, RUSS YUREK
Research

JON WILCOXSON
Committee Partners
NCHRP

AMIR HANNA
TRB

JAMES BRYANT
Technical Working Groups
Equipment TWG

TIM CUNNINGHAM
Pavement TWG

ANITA BUSH
Roadway/Roadsides
TWG

JERRY HATCHER
Technical Services Programs
EMTSP

TIM CUNNINGHAM
TSP2

GEORGE CONNER
Final Items