AASHTO Update

Subcommittee on Maintenance

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Associate Program Director, Operations
AASHTO Strategic Plan

New 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
Previous Committee Structure

Board of Directors
  -- Executive Committee
    - Special Comm
      - Transp Security and Emerg Mgmt
    - Joint Comm
      - AASHTO-AGC-ARTBA
    - Special Comm
      - Joint Development
    - Special Comm
      - Intermodal Transp and Econ Expansion

Highways
  - Bridges
  - Design
  - Construction
  - Materials
  - ROW
    - Maintenance
    - Traffic Engineering
    - Highway Transport

Planning
  - Operations
  - Asset Management
  - Policy
  - Research
  - Data
  - Capacity Building

Environment
  - Environmental Process
    - Community/Cultural Concerns
    - Air Quality, Climate Change, Energy
  - Natural Resources

Finance and Admin
  - Civil Rights
  - Information Systems
  - Personnel, Human Resources
  - Transportation Finance Policy
  - Fiscal Mgmt, Accounting
    - Internal/External Audit
    - Transportation Communication

Aviation
  - Research
    - Research Advisory Cmte
  - Performance Mgmt
  - Water Transportation

Public Transportation

Rail Transportation

Highway Traffic Safety

Safety Mgmt
New Committee Structure

Program Delivery and Operations Committees:
- Planning
- Bridges and Structures
- Materials and Pavements
- Environment and Sustainability
- Traffic Engineering
- Construction
- Transportation System Operations
- Design
- Right of Way and Utilities
- Maintenance

Councils:
- Freight
- Aviation
- Highways and Streets
- Public Transportation
- Water
- Rail
- Active Transportation

Enterprise/Cross-Discipline Committees:
- Safety
- Communications
- Transportation System Security and Resilience
- Performance-Based Management
- Data Management and Analytics
- Funding and Finance

Administration Committees:
- Human Resources
- Knowledge Management
- Civil Rights
- Financial and Internal Audit
- Research and Innovation
- AASHTOWare

Policy Bodies:

Executive Committee
Strategic Management Committee
- Special Committees:
  - Executive Committee
  - Board of Directors

New Committee Structure
Approved, Board of Directors
11-15-16
Adopted Procedural Changes

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

Transportation Policy Forum

Board of Directors
- Executive Committee
- Strategic Management Committee

Councils:
- Aviation
- Water
- Rail
- Highways and Streets
- Active Transportation
- Public Transportation

Special Committees:
- AASHTOWare
- Research and Innovation

Program Delivery and Operations Committees:
- Planning
- Environment and Sustainability
- Design
- Bridges and Structures
- Traffic Engineering
- Right of Way and Utilities
- Materials and Pavements
- Construction
- Maintenance
- Transportation System Operations

Enterprise/Cross-Discipline Committees:
- Safety
- Communications
- Performance-Based Management
- Funding and Finance
- Transportation System Security and Resilience
- Data Management and Analytics

Administration Committees:
- Human Resources
- Internal and External Audit
- Knowledge Management
- Civil Rights
Technical Issues
Next Steps

- Transportation Policy Forum and Strategic Management Committee met for the first time at the AASHTO Spring Meeting
- Appointments to (or re-confirmation of membership on) all of the new committees were requested by AASHTO President Bernhardt last week
Next Steps

• All committees asked to revise charge statements for consideration by the Strategic Management Committee
  ▪ Align with Strategic Plan and restructuring report
  ▪ Engage committee members in development of revised charge
  ▪ Ensure continued coverage of critical tasks and products
  ▪ Consider communication with other committees
  ▪ Consider internal restructuring, if needed
SCOM Strategic Plan
SHRP2 Program Update
SHRP2 Implementation:
INNOVATE – IMPLEMENT - IMPROVE

$130 million

FUNDING ASSISTANCE

63

SHRP2 SOLUTIONS

430+

PROJECTS IMPLEMENTED

DOT
52 Recipients
MPO/LOCAL
30 Recipients
UNIVERSITY
10 Recipients
FEDERAL/TRIBAL
7 Recipients

RENEWAL
230+
CAPACITY
100+
RELIABILITY
90+
SAFETY
11
SHRP2 Implementation:
INNOVATE – IMPLEMENT - IMPROVE

224,761 PARTICIPANTS ENGAGED

8,939 OUTREACH ACTIVITIES

14,961 HOURS TECHNICAL ASSISTANCE

TRAINING: 8,286
WORKSHOPS: 463
PEER EXCHANGES: 81
DEMOS: 62
SHOWCASES: 47
SHRP2 Successes to Date

• **Traffic Incident Management Program (L12):** Total responders trained as of the end of April: 259,347 – 22% of goal

• **TSMO programs:** Changing the DOTs organizational structures to respond smarter through better transportation systems management and operations; use of NOCoE, [www.transportationops.org](http://www.transportationops.org) (L01/L06/L17/L36)

• **Innovative Bridge Designs for Rapid Renewal (R04)**

• **Travel Works (C10/C04/C05/C16/C46)** – new travel analysis tools to estimate travel demand by integrating activities, networks, and the environment.
More Successes

• **Railroad-DOT Mitigation Strategies (R16)** – now engaging more than 18 DOTs, three+ Class 1s and numerous short lines to streamline communications and reduce the time it takes to deliver a project.

• **Utility bundle (R15B/R01A/R01B)** that is enabling DOTs to see and store data on underground utilities.

• An array of **nondestructive testing tools R06 A/G, R06B, R06C, R06D, R06E** – including real-time monitoring tools to ensure better paving; testing tools for bridges and tunnels that more quickly and safety with minimal traffic disruption.
Questions?

- **FHWA SHRP2 website**: [fhwa.dot.gov/goSHRP2](http://fhwa.dot.gov/goSHRP2)

- **AASHTO SHRP2 website**: [SHRP2.transportation.org](http://SHRP2.transportation.org)
  - Implementation information for AASHTO members

- **SHRP2 Implementation Managers**:
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Thank You