AASHTO Update

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Director, Engineering and Technical Services
AASHTO
Reauthorization of the Federal Transportation Bill

• AASHTO Board of Directors developed recommendations to Congress in 2013
• MAP-21 expired September 30, 2014
• 3-month extension runs through Halloween (Oct 31, 2015)
• Senate passed a 6-year bill at the end of July
  ▪ Slight increase in funding provided
  ▪ Only 3 years of full funding available from the Highway Trust Fund and offsets/pay-fors
New AASHTO Strategic Plan

- Adopted by Board of Directors in November 2014
- Covers 2014-2019
- Development guided by a committee of 17 State DOT Executives
- Provides direction to AASHTO, *not* to the State DOTs
Vision

Assist states in developing transportation solutions that:

• create economic prosperity
• enhance quality of life
• improve safety

Mission

...through:

• policy development
• advocacy
• technical services
• leadership development
• advancing partnerships
• promoting innovation
Goals

Four Goals in the AASHTO Strategic Plan:

1. Provide Value to Members
2. Provide Innovative Technical and Professional Services and Products
3. Be a Leader in National Transportation Policy Development
4. Communicate the Value of Transportation
How will the new plan be used?

• Will help to prioritize the actions we will pursue in the next five years
• Will provide direction for AASHTO’s Technical Service Programs
• Is guiding a review of the committees, including structure and focus
Comprehensive Committee Review (CCR) Steering Committee

• Steering committee consists of 4 CEOs and 4 senior leaders
• Initial discussions with committee leadership, more to come: Scenarios; Recommendations
• Review could identify gaps, overlaps, emerging topics, priorities; more efficiency, nimbleness & responsiveness; and how to best support the State DOTs
• Recommendations to Board - Spring 2016
Cross-Cutting/Emerging Topics

• Technology (disruptive, transformational)
• Administration (workforce development)
• Multi-modal considerations
• Environment
• Performance (measurement, data)
• Safety/Security (analysis, response)
• Economics (impact of transportation)
• Role of outside organizations
New Technical Service Programs

• AASHTO Training
  ▪ Considering expansion of training offered through the Transportation Curriculum Coordination Council
  ▪ Web-based learning management system (LMS)
  ▪ Aimed at both public and private sector needs
  ▪ Down the line, could include testing and certification

• Contact Keith Platte: kplatte@aashto.org
New Technical Service Programs

• National Operations Center of Excellence
  ▪ Launched in January
  ▪ Collaborative effort
  ▪ One-stop shop for Transportation Systems Management and Operation information
  ▪ Web portal with SHRP2 products, best practices, lessons learned, emerging technologies, and research and development opportunities
  ▪ Dennis Motiani - www.transportationops.org
World Road Association/PIARC

- US has participated in the World Road Association (also known as PIARC) since early 1990s

- International roads version of AASHTO
  - 16 technical committees, each with U.S. rep(s)
  - New 4-year work cycle begins in 2016
  - No direct cross-walk with Construction

- [http://piarc.transportation.org](http://piarc.transportation.org)
SHRP2 Implementation

• SHRP2 Solutions – **63 products** bundled into 40 implementation efforts

• **Solutions include** – Processes, software, testing procedures, and specifications

• Field Tested

• **Implementation** – **275+ transportation projects**; goal of mainstreaming

• **SHRP2 Education Connection** – Connecting next-generation professionals with next-generation innovations
Upcoming Round 7

• Last anticipated implementation assistance opportunity!

• Important Dates:
  – Product Webinars – Feb/March 2016
  – Application Period – April 1-29, 2016

• Anticipated products in Round 7 include:
Round 7 – Anticipated Products

- Techniques to Fingerprint Construction Materials (R06B)
- Advanced Methods to Identifying Pavement Delamination (R06D)
- Guidelines for the Preservation of High-Traffic-Volume Roadways (R26)
- Nondestructive Testing for Tunnel Linings (R06G)
- Nondestructive Testing for Concrete Bridge Decks (R06A)
- Service Life Design for Bridges (R19A)
- Service Limit State Design for Bridges (R19B)
- Utility Bundle (R01A/R01B/R15B)
- Reliability in Simulation and Planning Models (L04)
- Regional Operations Forum (L36)
- Reliability Data and Analysis Tools (L02/L05/L07/L08/C11)
SHRP2 Resources

• GoSHRP2 Website
  www.fhwa.dot.gov/goSHRP2
  – Product details
  – Information about SHRP2 implementation phases

• AASHTO’s SHRP2 Website
  http://SHRP2.transportation.org
  – Implementation information for AASHTO members

• Pam Hutton, SHRP2 Implementation Manager, phutton@aashto.org
NCHRP – Problem Statements
(National Cooperative Highway Research Program)

• Current solicitation deadline: **October 15**
• Topical proposals typically initiated by AASHTO committees, state DOTs, FHWA
• **NEW**: SCOR has three strategic areas:
  ▪ Resiliency
  ▪ Freight Transportation
  ▪ Transformational Technologies
Thank You

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