AASHTO Update

Subcommittee on Maintenance

Jameelah Hayes, M.S., P.E.
Program Manager, Engineering
Reauthorization

- MAP-21 expired September 30, 2014
- AASHTO BOD developed recommendations to Congress in 2013
- Current extension runs through July 31, 2015
- Another extension likely through December
- The bill that was passed this month authorizes an extension for funding in FY 16 at current levels
New AASHTO Strategic Plan

• Adopted by Board of Directors in November 2014
• Covers 2014-2019
• Development guided by a committee of 17 State DOT Execs
• Provides direction to AASHTO, not to the State DOTs
• Conducted as an NCHRP project
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
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
- Guide a review of the committees, including structure and focus
  - Initial information being provided to a steering committee of CEOs and senior State DOT leaders
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
  ▪ www.transportationops.org
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
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 a US rep
  - New 4-year work cycle begins in 2016
- http://piarc.transportation.org
SHRP2 Implementation

- **SHRP2 Solutions** – 63 products bundled into 40 implementation efforts
- **Solution Development** – processes, software, testing procedures, and specifications
- **Field Testing** – refined in the field
- **Implementation** – 275+ transportation projects; adopt as standard practice
- **SHRP2 Education Connection** – connecting next-generation professionals with next-generation innovations
Some SHRP2 Successes to Date

- 9 out of 13 new bridges built using Innovative Bridge Designs for Rapid Renewal (R04)
- New websites for major capacity and reliability products:
  - PlanWorks (C01) at https://fhwaapps.fhwa.dot.gov/planworks
  - EconWorks/TravelWorks (C03/11, C16) at www.planningtools.transportation.org
  - National Operations Center of Excellence (L17) at www.transportationops.org
- 117,000+ incident responders trained through National Traffic Incident Management Responder Program (L12)
Upcoming Round 7

• **Last anticipated round!**

• Important Dates:
  – **Product Webinars** – February – March
  – **Application Period** – Friday, April 1\textsuperscript{st} - Friday, April 29\textsuperscript{th}

• Anticipated products in Round 7 include:
  – 7 renewal products
  – Utility bundle
  – 2 Reliability products
  – Reliability data and analysis tools bundle
Round 7 – Anticipated Products

- Utility Bundle \( (R01A/R01B/R15B) \)
- 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 \( (R19B) \)
- Reliability Data and Analysis Tools \( (L02/ L05/L07/ L08/ C11) \)
- Reliability in Simulation and Planning Models \( (L04) \)
- Regional Operations Forum \( (L36) \)
Questions?

- **GoSHRP2 website**
  
  [www.fhwa.dot.gov/goSHRP2](http://www.fhwa.dot.gov/goSHRP2)
  
  - Product details
  - Information about SHRP2 implementation phases

- **SHRP2 @AASHTO**
  
  [http://SHRP2.transportation.org](http://SHRP2.transportation.org)
  
  - Implementation Information for AASHTO members
Thank You