



# AASHTO Update

## Subcommittee on Traffic Engineering

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Program Manager, Engineering



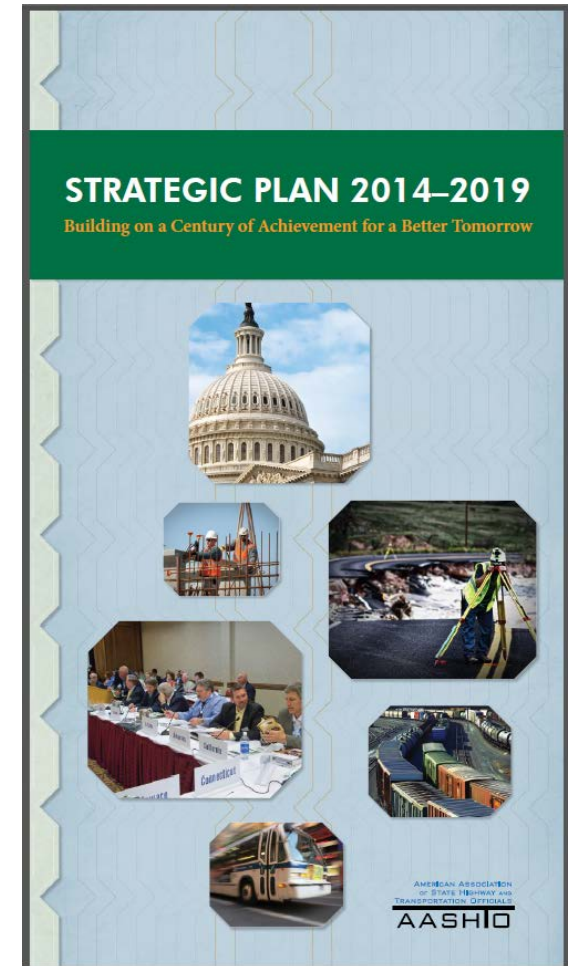
# Reauthorization

- 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](http://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@aaashto.org](mailto:kplatte@aaashto.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 Update

- **SHRP2 Solutions** – more than 64 products bundled into 29 opportunities
- **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

**29**

**opportunities**

**450**

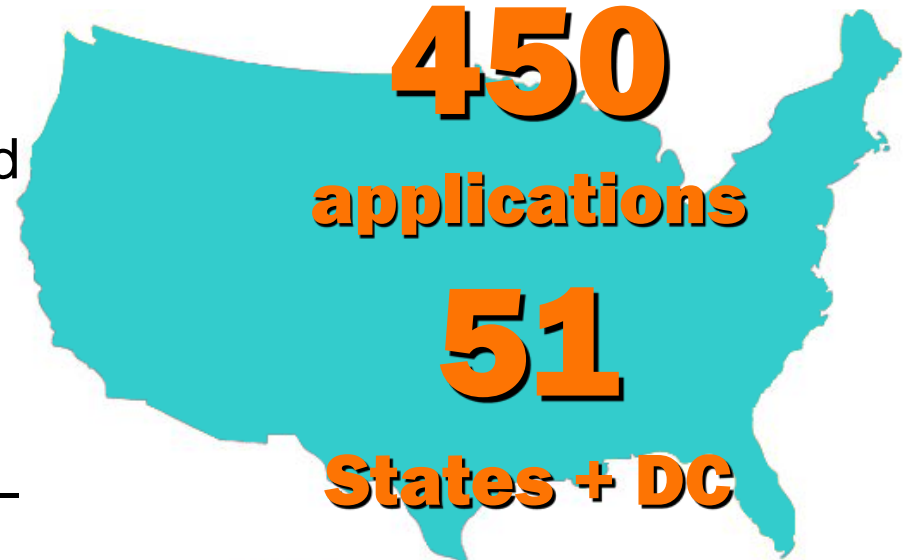
**applications**

**51**

**States + DC**

**275+**

**projects**



# Round 6 Product Offering



PlanWorks (C01) - **NEW**

Utility Locating Technologies (R01B) - **NEW**



Precast Concrete Pavement (R05)

Identifying and Managing Utility Conflicts (R15B)

New Composite Pavement Systems (R21)



WISE: Workzone Impact Estimation Software (R11) - **NEW**

- Final Round (#7) in early 2016 is under development; numerous products will be offered

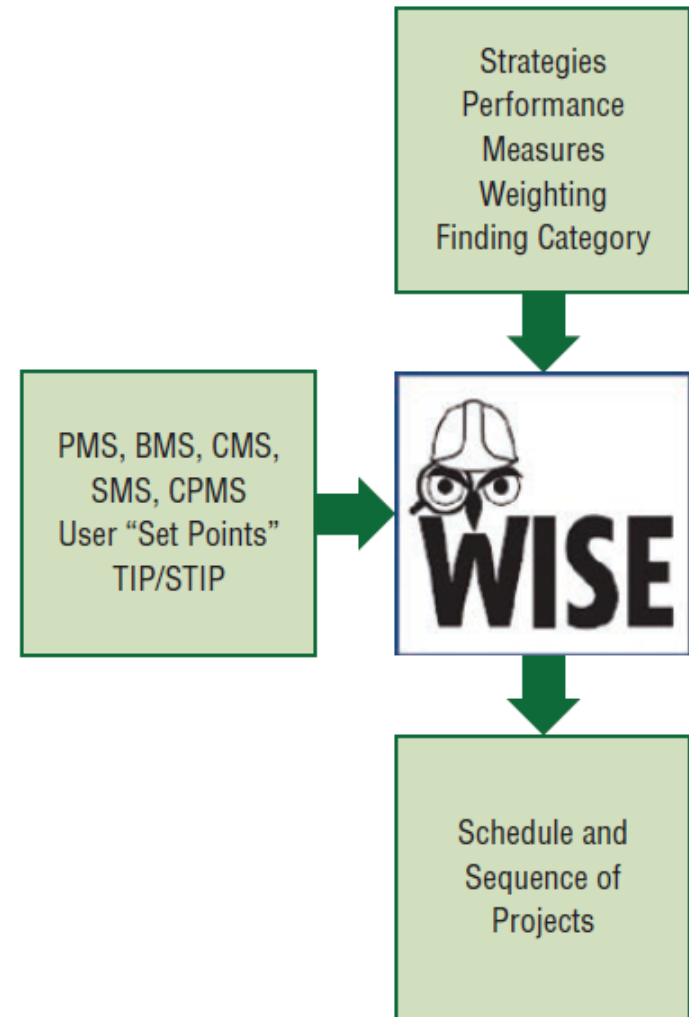
# R11 - WISE: Work Zone Impacts and Strategies Estimator Software

## Solution

- A decision support system for use by planners and engineers.
- Helps:
  - Evaluate traffic impacts of combinations of work zones
  - Identify best sequencing to manage impacts

## Benefits

- Better coordinated and planned work zones.
- Reduced mobility, safety, and economic impacts of highway renewal activities.
- Increased public satisfaction.



# Round 6 and 7 – More Information

- Application period: May 29 – **June 26, 2015**
- Four recorded webinars on PlanWorks, Pavements, Utilities, and WISE available at [www.fhwa.dot.gov/goSHRP2](http://www.fhwa.dot.gov/goSHRP2)
- Round 7 Application period scheduled for 2016
- Anticipated Reliability products in Round 7 include:
  - Reliability Data and Analysis Tools Bundle
  - Reliability in Simulation and Planning Models
  - Regional Operations Forum
  - More to come!

# SHRP2 Resources

- **GoSHRP2 Website**

[www.fhwa.dot.gov/goSHRP2](http://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@aaashto.org](mailto:phutton@aaashto.org)



# **NCHRP 15-45 Update of the AASHTO Guide for the Planning, Design, and Operations of Pedestrian Facilities**

Final Report



# NCHRP 15-45 Project Team

## Project Team

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## Other Project Team Members

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# Project Tasks



Task 1 – Stakeholder participation

Task 2 – Critical Review of NCHRP 20-7/Task 263 Report

Task 3 – Revised Preliminary Outline

Task 4 – Detailed outline for the Update to the AASHTO Ped Guide

Task 5 – Interim Report

Task 6 – Develop the Draft Guide

Task 7 – Final Report

Review by AASHTO Committees

Task 8 Final Revisions and Submittal

# Thank You

