Tom Cole
Chief Engineer, Idaho Transportation Department

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AASHTO Standing Committee on Highways
SHRP2 On the Move

- Overview of Current SHRP2 Status and Plan
- FHWA/AASHTO Implementation Assistance Program
- Summary of Safety Strategy
- Safety Resolution
108 projects underway in 34 states with more to start following today’s announcement of Round 2 incentives

Photos from Projects ongoing in California, Tennessee, and Pennsylvania
Prioritizing States’ Needs

• AASHTO’s role is focused on identifying which products meet the states’ practical needs
• We are relying on members and committees to define how implementation can be successful
• FHWA is our partner in this effort.
Revised SHRP2 Implementation Plan 2012 - 2015

- Original plan updated to reflect new funding provided by federal legislation and state contributions
- New plan includes 66 high priority products
- Products by year:
  - 2012 = 7 new products
  - 2013 = 11 new products
  - 2014 = 14 new products
  - 2015 = 14 new products
- 2014 will include the implementation of Safety Strategies
- “Starts” – dates represent the year implementation planning begins.

11/6/2013
2013: Advancing More Solutions

- AASHTO and FHWA internal implementation activities
  - FHWA focus area coordinators
  - FHWA product technical leads
  - AASHTO also aligning staff resources
  - Consultant technical specialists to assist DOTs
- Additional Implementation Planning Workshops
  - Six since January
  - Four more planned through December
- Two rounds of Implementation Assistance on 9 products
- AASHTO Meetings and conferences

Go to Sunday’s Session!
2014: Full Steam Ahead

- Rounds 3 and 4 of FHWA/AASHTO Implementation Assistance in January and June 2014 – 14 new products
- Continued technical and financial assistance for Rounds 1 and 2 throughout the year
- Implementation Planning Workshops planned for several more SHRP2 Solutions

**Tentative Schedule for Round 3**

- Product webinars: December 2013
- Round 3 Applications Begin: January 17, 2014
- Round 3 Applications Close: February 14, 2014
- Announcement of Selections: Late March 2014

11/6/2013
Safety Implementation

- **Total Implementation Budget: $169M**
  - Includes 4% takedown of SP&R funding as voted by states in 2012.
- 2012 – 3-year Plan: $10M as a placeholder for safety
- 2013 – Survey on safety data
  - Speed
  - Driver distraction
  - Aggressive driving
  - Driver behavior
  - Lane departure
  - Intersection
- **Safety Focus Area Team** developed and engaged
- Strategy designed to complement TRB’s work
Near-Term Strategy

• Begin to capitalize on the available data to pursue safety research that represents State DOT priorities.

• Intent is to:
  – Create an accelerated path to implementation that helps drives down crash numbers
  – Integrate the use of NDS research into future AASHTO committee activities and considerations
  – Demonstrate full spectrum of implementation process - *concept to countermeasure*

• Utilize $5.8M of implementation funds

• This activity will *not* delay the overall completion of the NDS database

• Recommended by the AASHTO ITF, later endorsed by the TRB Implementation Advisory Committee (FACA)
Research leads to the creation of new countermeasures. The Safety strategy teams multiple partners to scope research that could serve multiple ends and uses.

Safety Study Projects

Standards, policies, updates etc.

Research leads to the creation of new countermeasures.
The Path Forward

**AASHTO Safety Task Force**
- Safety Task Force groups together under SCOHTS to identify viable research topics pertinent to current roadway safety concerns.

**Scope**
- The teams prioritize and identify the desired research topics with the clear intent to seek implementable results.

**Data**
- The team, with the help of NDS database experts, scope the construct of the reduced data sets to ensure they are as useful as possible for current and future research.
The Path Forward, Cont’d.

Research
• Researchers (and/or states partnered with researchers) are selected and conduct the research. **Possible FHWA Implementation Assistance opportunity, utilizing a portion of the available funding.**

Share
• Research findings are reported to the planning teams, AASHTO committees, FHWA, the Governors Highway Safety Association, NHTSA, private sector partners and others.

Apply
• The planning teams scope additional tasks for the appropriate engineering firms or research organizations to convert the research findings into actionable changes.

Act
• AASHTO committees and others can consider whether to adopt the recommended changes to standards, manuals, policies or practices.
Best Estimates on Costs

• Based on *average* S08 pilot costs, the costs to implement would be approximately as shown:

• Presently **$5.8 M** available for Safety in SHRP2 implementation plan

<table>
<thead>
<tr>
<th>Implementation Estimate</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Produce data set</td>
<td>$350,000</td>
</tr>
<tr>
<td>Analyze data set</td>
<td>$650,000</td>
</tr>
<tr>
<td>Produce new standard, strategy</td>
<td>$400,000</td>
</tr>
<tr>
<td>Manage total process</td>
<td>$300,000</td>
</tr>
<tr>
<td>Total estimate</td>
<td>$1,700,000</td>
</tr>
</tbody>
</table>

• Could potentially fund 3 to 4 research projects, depending on scale/scope
Next Steps – Approve Formation of Safety Task Force

• **Create a joint task force under SCOHTS**
  
  – Approved by SCOHTS
  – Seeking approval by SCOH and AASHTO Board of Directors (AASHTO Annual Meeting)
  – Members from:
    • SHRP2 Safety Focus Area Team
    • Geometric Design
    • Roadside Safety
    • Traffic Engineering
    • GHSA
Safety Task Force

• The Charge –
  – Advise AASHTO and FHWA
  – Identify, prioritize, scope, and oversee research
  – Lead efforts to convert research findings into safety countermeasures to further reduce highway crashes

• The Objectives –
  – Lead coordination among AASHTO Committees
  – Support pilot studies that demonstrate the potential of the NDS
  – Accelerate research findings into actionable strategies and countermeasures
SHRP2 on the Web

• goSHRP2 website
  www.fhwa.dot.gov/goSHRP2
  – Product details
  – Information about SHRP2 implementation phase

• SHRP2 @TRB
  www.TRB.org/SHRP2
  – Information about research phase

• SHRP2 @AASHTO
  http://SHRP2.transportation.org
  – Implementation information for AASHTO members
Questions?

Pam Hutton
AASHTO SHRP2 Implementation Manager
303-263-1212; phutton@aashto.org

For more SHRP2 information:
www.fhwa.dot.gov/goSHRP2
http://SHRP2.transportation.org