



Round 7 Implementation Assistance Opportunities Open April 1, 2016

SHRP2 Solutions Offer New Technologies, Processes, and Innovations

Metropolitan Planning Organizations (MPOs) play a critical role in the development and renewal of the aging transportation network. The second Strategic Highway Research Program (SHRP2) provides an array of products designed for local transportation agencies that can save lives, money, and time. Examples of these products, known as SHRP2 Solutions, include new ways to design and replace bridges and pavement systems; new processes to support planning and modeling; training and workshops to improve reliability; and new safety data to help design safer roadways.

The Benefits

SHRP2 Solutions have the potential to change how MPOs and other stakeholders plan for, design, build, and operate the Nation's roadways. SHRP2 can help practitioners:

- ▶ Clear incidents more quickly and safely through coordinated multiagency incident response training.
- ▶ Streamline environmental reviews and permitting, and avoid project delays by engaging agencies early in project planning.
- ▶ Develop better prioritized and more informed transportation plans and projects that meet mobility, economic, and community goals.
- ▶ Build bridges more quickly using standardized design plans and prefabricated bridge systems.
- ▶ Identify proper pavement techniques and bridge designs for longer life.



Save Lives

SHRP2 Solutions make our roads safer by helping to reduce worker and driver exposure to dangerous construction zones, incident scenes, and congestion.



Save Money

SHRP2 Solutions decrease planning, design, and construction costs by fostering collaborative decisionmaking and streamlining project development.



Save Time

SHRP2 Solutions speed project delivery and support project planning to deliver highway investments faster, thereby decreasing congestion and saving everyone time on the Nation's roadways.

Get Involved

Implementation assistance is available for MPOs and other organizations interested in using SHRP2 Solutions. SHRP2 created the Implementation Assistance Program to raise awareness of SHRP2 Solutions and to encourage their early adoption within the transportation community. The IAP offers technical and financial assistance to transportation agencies interested in implementing these innovative processes, technologies, and tools. Workshops, training, showcases, program assessments, and websites are available, depending on the product.

The next application window will be from April 1 to April 29, 2016. Informational Webinars will be held in February and March 2016. To learn more about the Implementation Assistance Program or to apply, visit:

<http://www.fhwa.dot.gov/GoSHRP2/GetInvolved/ImplementationAssistance>.

A Sampling of SHRP2 Solutions That May Be of Interest to MPOs

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Pavement Tools

- Tools to Improve PCC Pavement Smoothness During Construction (R06E)
- Guidelines for the Preservation of High-Traffic-Volume Roadways (R26)
- Pavement Renewal Solutions (R23)
- Precast Concrete Pavements (R05)

Bridge-Related Tools

- Innovative Bridge Designs for Rapid Renewal (R04)
- Service Life Design for Bridges (R19A)

Planning and Analysis Tools

- EconWorks (C03/C11)
- TravelWorks (C10/C04/C05/C16)
- PlanWorks (C01)
- Implementing Eco-Logical (C06)

Performance Specifications for Rapid Renewal (R07)

Railroad-DOT Mitigation Strategies (R16)

Utility-Related Tools (R15B/R01A/R01B)

National Traffic Incident Management Responder Training Program

National Operations Center of Excellence

Learn More

- ▶ Learn more about implementation assistance at www.fhwa.dot.gov/GoSHRP2/GetInvolved/ImplementationAssistance
- ▶ Ask questions and sign up for news alerts at www.fhwa.dot.gov/GoSHRP2/GetInvolved/Contact



About SHRP2 Implementation

The second Strategic Highway Research Program is a national partnership of key transportation organizations: the Federal Highway Administration, the American Association of State Highway and Transportation Officials, and the Transportation Research Board. Together, these partners conduct research and deploy products that will help the transportation community enhance the productivity, boost the efficiency, increase the safety, and improve the reliability of the Nation's highway system.

IMPLEMENTING SHRP2 SOLUTIONS

U.S. Department of Transportation | Federal Highway Administration
American Association of State Highway and Transportation Officials • Transportation Research Board