



Innovative Policy and Planning Solutions

Metropolitan Planning Organizations (MPOs) play a critical role in planning, programming, and coordinating highway investments within urban areas. The second Strategic Highway Research Program (SHRP2) provides solutions to help MPOs save lives, money, and time by providing innovative policy and planning techniques. These products, known as SHRP2 Solutions, include new ways to prioritize needs, improve performance-based planning, and promote collaborative decision making to address mobility, accessibility, and environmental concerns.

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
- ▶ Apply improved planning techniques for conserving green spaces and protecting the environment
- ▶ Develop better prioritized and more informed transportation plans and projects that meet mobility, economic, and community goals
- ▶ Access improved freight data sets and modeling practices
- ▶ Deliver more predictable and consistent travel times



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 decision making 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.

Photo credit: Masterfile Corporation

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. SHRP2 Solutions are selected for the program based on each product's unique characteristics, level of readiness, and associated risk. Each selected product has the potential to deliver more efficient, cost-effective programs to meet the complex challenges facing transportation today.

A number of MPOs have already applied directly to the program for assistance, including for support in implementing an integrated ecological framework, that helps practitioners identify ecological priorities within a region and make timely decisions about highway enhancement. To learn more about the Implementation Assistance Program or to apply, visit:

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

Sample SHRP2 Solutions of Interest to MPOs

Implementing *Eco-Logical* (C06B)

Expediting Project Delivery (C19)

National Traffic Incident Management Responder Training Program (L12)

Transportation for Communities – Advancing Projects through Partnerships (TCAPP) (C01)

Freight Data and Models Roadmap (C20)

Travel Demand and Network Models (C10)

Organizing for Reliability Tools (L01/L06)

Managing Risk in Rapid Renewal Projects (R09)

Innovative Strategies for Managing Complex Projects (R10)

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**
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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

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