

Products from all four SHRP2 focus areas are included in Round 4 of the Implementation Assistance Program. The Round 4 application period **opens May 30, 2014 and closes June 27, 2014**. Visit www.fhwa.dot.gov/GoSHRP2 to learn more.

RENEWAL

Structures

Nondestructive Testing for Concrete Bridge Decks (R06A)

Better, faster methods for determining concrete bridge deck conditions

Nondestructive Testing for Tunnel Linings (R06G)

Using nondestructive testing technologies to rapidly and comprehensively pinpoint defects in or behind tunnel linings

Service Life Design for Bridges (R19A)

Comprehensive guidance to select and design durable bridge systems and components that are both easier to inspect and better-suited to their environments

Pavements

New Composite Pavement Systems (R21)

Proven models and procedures to design and construct low-cost, long-life composite pavement systems

Tools to Improve PCC Pavement Smoothness During Construction (R06E)

Proven technologies to identify surface irregularities that can impact concrete pavement smoothness and provide opportunity for corrections in real time

Technologies to Enhance Quality Control on Asphalt Pavements (R06C)

Using infrared (IR) imaging and ground-penetrating radar (GPR) for uniformity measurements on new hot-mix asphalt (HMA) layers

Project Delivery

Managing Risk in Rapid Renewal Projects (R09)

Managing and reducing risk in accelerated highway construction projects

Project Management Strategies for Complex Projects (R10)

A more comprehensive, innovative approach to managing complex projects

CAPACITY

Economic Analysis Tools (C03/C11)

Easier-to-use tools for improved economic analysis

Advanced Travel Analysis Tools (C10/C04/C05/C16)

Enhanced models that account for traveler behavior to inform better decisions about highway capacity needs

RELIABILITY

Reliability Data and Analysis Tools (L02/L05/L07/L08/C11)

Tools to help transportation planners better predict delays and analyze strategies for reducing congestion and improving travel-time reliability

SAFETY

Concept to Countermeasure – Research to Deployment Using the SHRP2 Safety Databases

Data on driver behavior and roadway features