



SHRP2 Solutions in Action

Subcommittee on Materials

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Federal Highway Administration



TRANSPORTATION RESEARCH BOARD
OF THE NATIONAL ACADEMIES

SHRP2 is in gear!

- 27 SHRP2 products are on the street
- All 50 states plus the District of Columbia are engaged
- State visits, product showcases, training, and workshops are underway and action plans being developed
- Products in all four focus areas are advancing



Materials – Pavement Solutions

11 products available in the Renewal area related to pavements

- **Precast Concrete Pavement Technology (R05)**
- **New Composite Pavement Systems (R21)**
- **Pavement Renewal Solutions (R23)**
- **Guidelines for the Preservation of High-Traffic-Volume Roadways (R26)**
- **Tools to Improve PCC Pavement Surface Smoothness During Construction (R06E)**
- **Rapid Technologies to Enhance Quality Control on Asphalt Pavements (R06C)**
- **Performance Specifications for Rapid Renewal (R07)**
- **GeoTech Tools (R02)**
- **Identifying and Managing Utility Conflicts (R15B)**
- **Advanced Methods to Identify Pavement Delamination (R06D) (Coming in 2015)**
- **Techniques to Fingerprint Construction Materials (R06B) (Coming in 2015)**

Materials – Bridges and Tunnels

Three products related to Bridges and Tunnels

- Innovative Bridge Designs for Rapid Renewal (R04)
- Nondestructive Testing for Concrete Bridge Decks (R06A)
- Non-destructive Testing for Tunnel Linings (R06G)



Keg Creek Bridge in California; Lynn Camp Creek Bridge in Kentucky

Upcoming Showcases

Preservation Treatments for High-Traffic-Volume Roads (R26)

- Open House: **Minnesota** – September 3 – 4, 2014

Innovative Bridge Designs (R04)

- Showcase: **Missouri** – August 28, 2014
- Showcase: **Rhode Island** - Fall 2014
- Showcase: **Gila River Indian Reservation (Arizona)** – Early December 2014



*Route B Bridge in Columbia,
Missouri*

What's Ahead?

- More SHRP2 Solutions Available in 2015
- More Funding and Technical Assistance Opportunities
- Peer Exchanges
- Workshops and Training
- Showcases