

Project R26 Update

August 2014

Minneapolis, MN

Save Lives



Save Money



Save Time



U.S. Department of Transportation
Federal Highway Administration



TRANSPORTATION RESEARCH BOARD
OF THE NATIONAL ACADEMIES



Overview

Program:

- **9 – year research program**
 - Research 90% complete.
 - \$130 M for Implementing 60+ products
- **Renewal Focus Area**
 - Implementation Lead is FHWA Office of Infrastructure
 - Focus on minimum disruption to highway users
 - 28 Products
- **Implementation Assistance**
 - Application process
 - 135 projects in 38 States

Renewal Products

R26: Preservation of High-Traffic-Volume Roadways.

Product Focus:

- Extend service life of high-traffic-volume highways
- Identify techniques and methods

Implementation:

- 14 States participating in projects
- Toolkit being developed
- Technology Workshops, Showcases and Peer Exchanges

Project Manager:

- Thomas Van

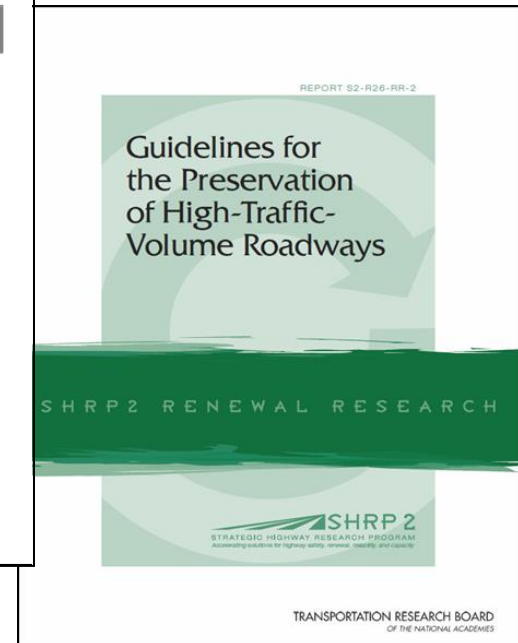
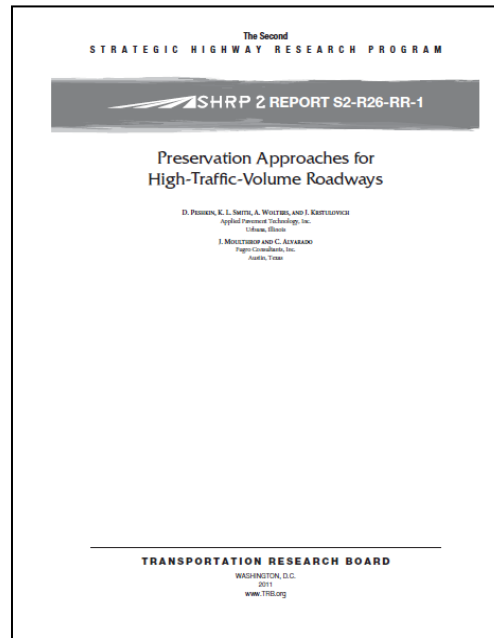


Renewal Products

R26: Preservation of High-Traffic-Volume Roadways

Products:

- Study
- Guidelines



R26: Preservation of High-Traffic-Volume Roadways.

Implementation Program:

- 14 States participating in projects
- Toolkit being developed
- Technology Workshops, Showcases and Peer Exchanges

Renewal Projects

Arizona:

I-8 Crack Seal with polymer modified asphalt rubber sealant (6.5 miles)

I-10 Crack Seal with polymer modified asphalt rubber sealant (32.3 miles)

SR 68 Microsurfacing (4.1 miles)

I-10 Microsurfacing (3.08 miles)

Renewal Projects

Delaware:

SR-10 Thin Overlay with polymer modified asphalt.

Main/Walnut Intersection - Thin Overlay with polymer modified asphalt.

Renewal Projects

District of Columbia:

2 Projects – Microsurfacing urban streets

Oregon Ave NW – CIR (1.7 miles)

Renewal Projects

Georgia:

SR 16 – Cold in-place recycling

Ultrathin bonded PCC Overlay

SR60/US19 – Thin Overlay

Renewal Projects

Kentucky:

US 127 – Test sections for 8 treatments

Control

Crack Seal

Ultrathin Bonded wearing course

Microsurface

Double Microsurface

Cape Seal

Joint Bond

Rejuvenator

Renewal Projects

Maine:

US 202 – Hot In-Place Recycling (8.68 miles)
with Thin HMA Overlay / UBWC

Renewal Projects

Massachusetts:

US 3 – 10 test sections with treatments including ultrathin bonded wearing course with modified binders, recycled rubber, rejuvenator fog seals, and polymer modified fog seals. Project includes one control section using conventional materials.

Renewal Projects

Minnesota:

MnRoad Showcase:

Preservation on I-94 and Low-Volume Road

- Next Generation Concrete Surface
- Microsurfacing
- Chip Seal
- Cold Weather Approaches
- “Mumble Strips”

Renewal Projects

Missouri:

SR 5 – Unbonded PCC Overlay

SR 42 – Mastic seal coat

US 54 – Mastic seal coat

Renewal Projects

Pennsylvania:

SR 220 – Thin Overlay with and without fibers (3.9 miles)

SR 3010 – Microsurfacing using 3 systems

SR 15 – Thin Overlay Asphalt Rubber Gap Graded mix

Renewal Projects

Rhode Island:

I-95 – Crack Sealing (9.4 miles)

SR 102 – Rubberized Chip Seal (2.6 miles)

SR 3 – SAMI Seal (1.2 miles)

SR 114 – Thin Overlay (0.53 miles)

Renewal Projects

Tennessee:

SR 112/US41 – Thin Overlay (7.8 miles)

SR 53 – Thin Overlay (1.5 miles)

SR 56 – Thin Overlay (0.92 miles)

Renewal Projects

Washington:

SR 24 – Chip Seal + Seal

SR 97 – Chip Seal + Seal

US 97A – Hot-applied Chip Seal (1.52 Miles)

US 155 – Chip Seal + Seal

Renewal Projects

Wisconsin:

US 51 – Thin Overlay with fibers

Contacts:

R26 Project Information:

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Website: <http://www.fhwa.dot.gov/Infrastructure/>

Information:

SHRP2 Program Information or Applications:

Website:

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Contacts:

Renewal Program Information and applications:

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