

FHWA UPDATE

**2012 WBPP Meeting, Vancouver, WA
May 9, 2012**



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Federal Highway Administration**

National Bridge Preservation Initiatives



- **FHWA**
 - Bridge Management Peer Exchanges
 - TSP Preservation Roadmap
 - Establishment of the BPETG
 - National Bridge Management Conference 2011



- **AASHTO**
 - TSP-2 Bridge Preservation Expansion
 - Technical Assistance for member agencies
 - Regional Partnerships
 - SCOBs, T-9 Bridge Preservation Committee
 - SCOM, Bridge Technical Working Group



- **TRB**
 - TRB, AHD-00 Bridge Preservation Committee
 - TRB, AHD-30 Structure Maintenance Committee
 - TRB, Bridge Preservation & Durability ETG



- **ARTBA**
 - Bridge Action Team

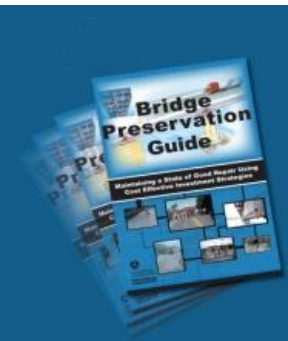
FHWA BP ETG Accomplishments Year 1 (2011)



- **Developed a Dynamic Strategic Plan with 9 Objectives, Actions, Deliverables and Time lines (Will be continually updated)**

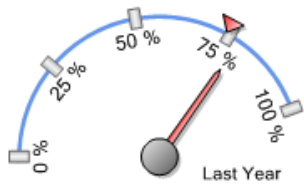


- **Reached Consensus on a Bridge Preservation Definition which has been adopted by AASHTO and Industry**



- **Contributed to the recently published FHWA bridge preservation guide.**

FHWA BP ETG Accomplishments Year 1 (2011)



- Developed a paper on bridge preservation related performance measures
- Developed a bridge preservation specific web search engine that is been hosted on the TSP.2 website
- Developed a vision for the Bridge Preservation Tool Box



FHWA BP ETG Plan Year (2012)

- **Initiate work for the development and Implementation of the bridge preservation tool box**
- **Develop a white paper and a work plan for implementing existing & new and innovative Products**
- **Develop Communications & Outreach Plan**
- **Development of first three Pocket Guides (cleaning, sealing, coatings)**
- **Update the Bridge Preservation Research Roadmap**

BRIDGE PRESERVATION TOOL BOX



Bridge Preservation



FHWA > Bridge > Asset Management > Bridge Preservation Toolbox



Legislations & Policies

- Federal, State, and Local Laws and Bridge Preservation Related Policies;
- Definitions/Terminology;
- Guides; etc.,
- [Agencies' Websites](#)

Bridge Management

- Condition Assessments;
- Performance Measures;
- Strategies;
- Cost Data;
- Deterioration Trends;
- Life Cycle Cost Analysis; etc.

Email Notification

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Events

- [Southeast Bridge Preservation Partnership Annual Meeting](#)
Atlanta, Georgia
April 23 - 25, 2012

[View all Upcoming Events](#)

More Information

- [Asset Management](#)
- [Bridge Technology](#)

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Research & Development

- Research Roadmap;
- Libraries;
- Product Evaluations;
- Standards & Specifications;
- Technical Presentations;
- Training; etc.

Bridge Preservation Treatments

- Coatings;
- Sealers;
- Overlays;
- Drainage Systems;
- Scour Remediation;
- Cathodic Protections & Preventions;
- Electrochemical Chloride Extractions; etc.

BRIDGE PRESERVATION TOOL BOX



SharePoint



Home Website



Other On-going FHWA Initiatives

- Identify and disseminate bridge preservation best practices
- Develop a guide for bridge preservation performance measures
- Update NHI bridge maintenance course (4 ½ days)
- Develop a new NHI bridge preservation course (1-day)
- Develop a new NHI performance based management of highway bridges course
- Conduct Bridge Management and Preservation Peer Exchanges
- Develop a bridge preservation web-based training for contractors and construction personnel (sealing/water proofing; coatings; safety practices)
- Implement Element Level Inspections



Thank you!

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