

FHWA UPDATE

**2012 SEBPP Meeting, Atlanta, GA
April 23, 2012**



**Anwar S. Ahmad, P.E.
Bridge Preservation Engineer
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
 - 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



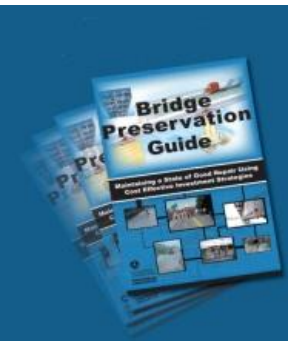
FHWA BP ETG Accomplishments Year 1 (2011)



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

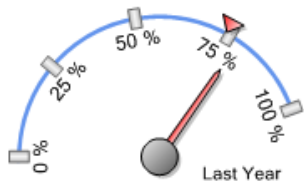


- **Reached Consensus on a Bridge Preservation Definition which has been adopted by AASHTO and Industry**



- **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**

BPETG Members

Anwar Ahmad	FHWA	Larry O'Donnell	FHWA
Allison Klein	ARTBA	Kelly Rehm	AASHTO
Barton Newton	California DOT	Lorella Angelini	BASF Corporation
Bob Kogler	Rampart Consulting	Michael Brown	Virginia DOT
Bruce Johnson	Oregon DOT	Mike Stenko	Transpo Industries
Dave Juntunen	Michigan DOT	Paul Jensen	Consultant
Ed Welch	AASHTO TSP.2	Pete Weykamp	New York DOT
George Hearn	Univ. of Colorado	Siva Venugopalan	SCS, Inc
Jeremy Shaffer	InspectTech	Steve Gaj	FHWA
John Hooks	AASHTO TSP.2	Tom Everett	FHWA

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](#)

Research & Development

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

Bridge Management

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

Bridge Preservation Treatments

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

Email Notification

Enter your E-mail

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Events

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

[View all Upcoming Events](#)

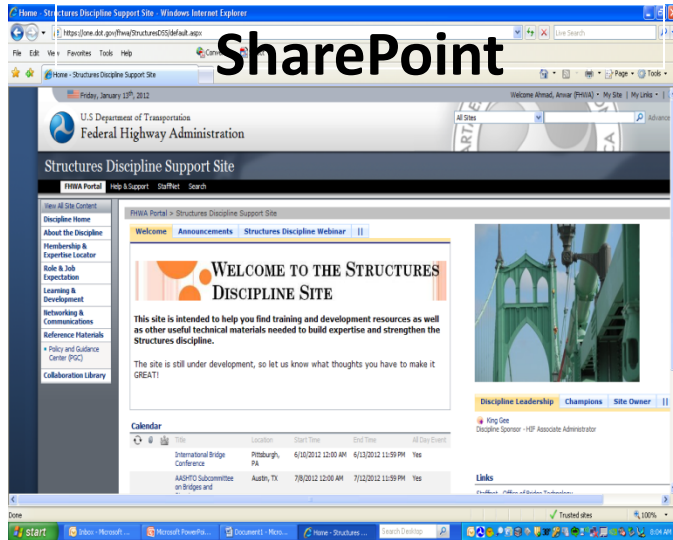
More Information

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

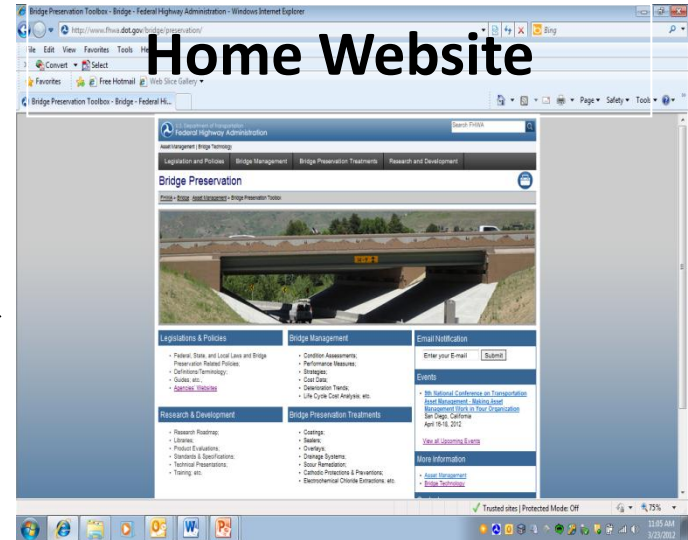
Contact

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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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Federal Highway Administration

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