Bridge Preservation Update

AASHTO SCOBS, T-9 Meeting, Norfolk, VA
May 16, 2011

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Federal Highway Administration
Office of Bridge Technology
Advancing Bridge Preservation

- FHWA Bridge Preservation Expert Task Group (ETG)
- AASHTO (TSP.2), Bridge Preservation Regional Partnerships
- Bridge Preservation Association
- AASHTO SCOBS, T-9 Committee
- TRB, AHD-00 Committee
ETG - Objectives

1. Promote the development and implementation of clear and consistent bridge preservation terminology

2. Promote nation-wide understanding and acceptance of bridge preservation as a component of asset management.

3. Streamline the analysis and presentation of bridge data to support the needs of decision makers, management, technical staff and other stakeholders to advance bridge preservation.
ETG - Objectives

4. Promote the development and implementation of bridge preservation related **performance measures**

5. Promote the continued development of a technically competent workforce in bridge preservation

6. Promote and support access to **research results**

7. Provide the needed leadership to ensure the continuous management of the bridge component of the **TSP Research Roadmap**
ETG - Objectives

8. Monitor changes to laws, regulations, policies and guidance that impacts bridge preservation and identify impediments to advancing and improving the state of the practice

9. Foster an environment that promotes agency and industry innovation in products, processes, technologies, and specifications
## BRIDGE PRESERVATION ACTION ITEMS

<table>
<thead>
<tr>
<th>Action Items</th>
<th>SEBPP</th>
<th>NEBPP</th>
<th>MWBPP</th>
<th>WBPP</th>
<th>BPETG</th>
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<td>Public Awareness/Marketing</td>
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<td>Research</td>
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<td>Specifications &amp; Materials</td>
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<td>Toolbox, &amp; Best Practices</td>
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<td>Monitor BP Laws, Regs, &amp; Policies</td>
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<td>Work Force Training &amp; Development</td>
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Bridge Preservation Definition

Actions or strategies that prevent, delay or reduce deterioration of bridges or bridge elements, restore the function of existing bridges, keep bridges in good condition and extend their useful life. Preservation actions may be preventive or condition-driven.
Bridge Preservation Guide

• A bridge preservation guide published last week
• Contains bridge preservation related terminology and examples
• Contains guidance on systematic preventive maintenance
Bridge Preservation Guide

- Bridge Preservation
- Preventive Maintenance
- Rehabilitation
- Cyclical (Non-Condition Based) Activities
- Condition Based Activities

U.S. Department of Transportation
Federal Highway Administration
Bridge Preservation Tool Box - Vision

- The tool box will provide useful information to bridge managers and bridge preservation practitioners.
- The tool box will be accessible via the web.
- The tool box will be structured under four main compartments:
  - Legislations & Policies; Bridge Management; Treatments; Research & Technologies.
Bridge Management, Inspection, and Preservation National Conference

• October 31 – November 2, 2011, at the Millennium Hotel - Downtown St. Louis
• Three focus areas – Management, Inspection, and Preservation
• Hosted by FHWA, TSP-2, and Midwest Bridge Working Group
• Preconference Workshops on October 31
• Technical presentations and Breakout sessions on
Thank you!

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