



Timely Preservation Performed Today, Better Bridge Infrastructure Tomorrow.

Presented by:

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**On March 1, 2011 BPA Merged with ARTBA
Bridge Policy and Promotion Council.**

Bridge Policy and Promotion Council (BPPC)

- Formed at the end of 2008, ARTBA's Bridge Policy and Promotion Council (known as "BPPC") provides a collective voice and forum for all who are interested in growing and improving the U.S. Bridge Market.

Bridge Policy and Promotion Council (BPPC)

- The BPPC's Action Agenda is led and supported by seven, member-driven “Action Teams” of industry leaders focused on specific missions designed to meet the business needs of the bridge design and construction industry. The Action Teams are:
 - Bridge Policy & Regulations
 - Bridge Market Promotion
 - Bridge Financing Issues
 - Bridge Inspection Issues
 - Bridge Project Delivery Methods
 - New Bridge Technologies
 - Bridge Preservation Action Team (BPAT)

Bridge Preservation Action Team

- **BPAT Genesis: “Bridge Preservation Association”**
- **Concept—St. Louis (April, 2007)**
- **Roundtable: TRB 2008**
 - **FHWA, NCPP, FP², Agencies**
 - **(Caltrans, VDOT, NCDOT, LA DOTD, NYSDOT)**
- **AASHTO Monterey – “BPA” Rollout (July 2008)**
- **Supported TSP2 Development (2009-2010)**
- **NHI Webinar w/ FHWA, AASHTO, & BPA (2010)**
- **BPA Founding Members are organizing the ARTBA Bridge Policy & Promotion Council’s Bridge Preservation ActionTeam (BPAT)**
 - **Facility, organizational and professional staff support from ARTBA.**

Bridge Preservation Action Team: Program of Work

1. Formation of Subcommittees in these areas:
 - Foundations
 - Super Structures
 - Bearings
 - Joints
 - Drainage
 - Steel Coatings
 - Concrete Coatings
 - Corrosion Protection
 - Deck Wear & Waterproofing
 - Deck Repair
 - Seismic
2. Subcommittee Development of “Best Practice” White Papers
3. Subcommittee Development of “Best Practice” Webinars
4. Continued Interaction with FHWA & AASHTO task forces

Bridge Preservation Action Team: Program of Work (cont.)

- 5. Development of BPAT and Bridge Preservation Internet Presence**
- 6. Development of ARTBA national policy on bridge preservation**
- 7. Participation in & Support of “TransOvation 2011” innovation in transportation design and construction workshop (Lansdowne Conference Center, Leesburg, Va., Sept. 7-9)**
- 8. Development of bridge preservation promotion article for “Transportation Builder” magazine.**

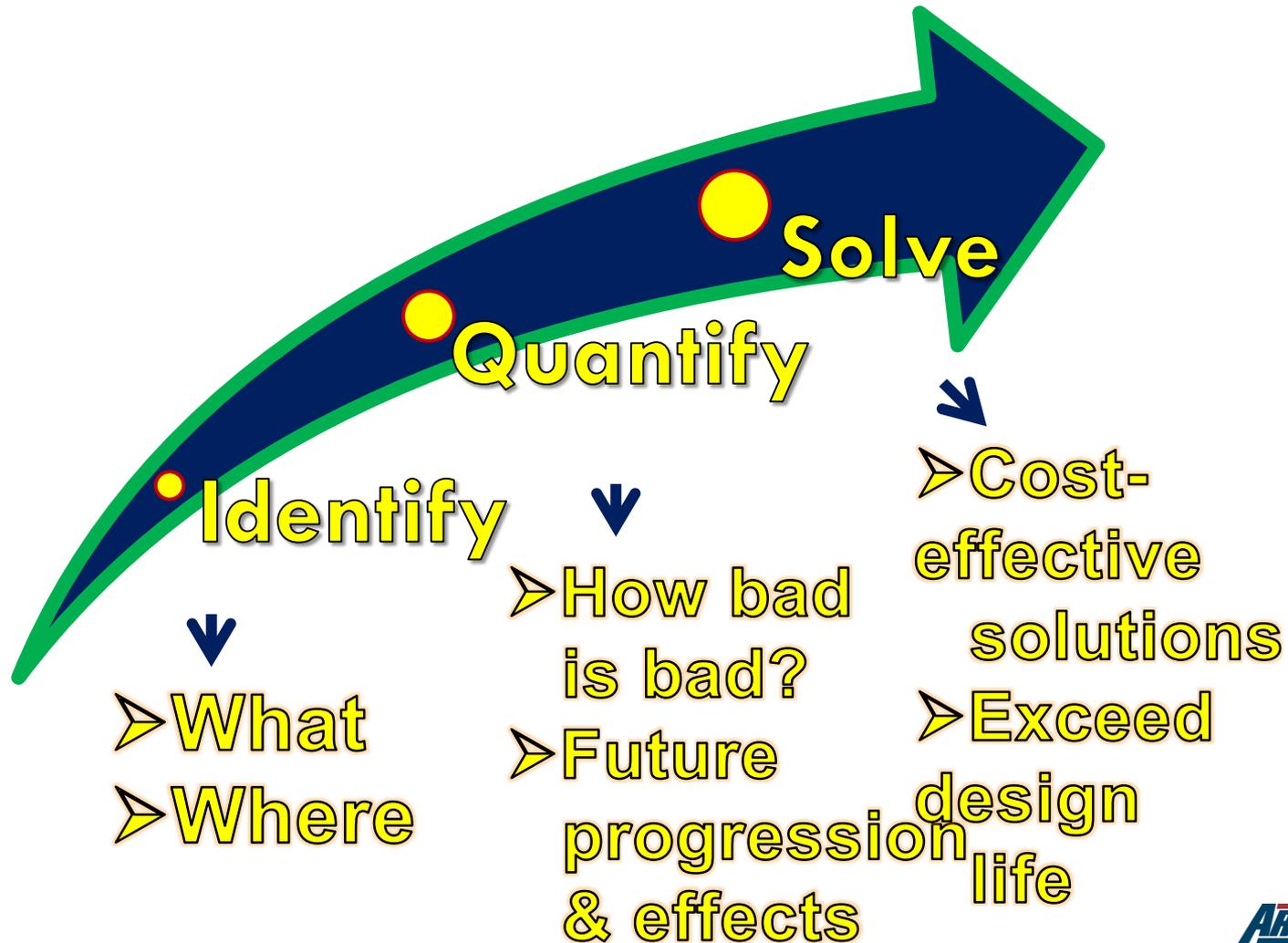
What is Preservation?

- All activities that help to realize or exceed design life
- Question: what is the difference between maintenance and preservation?
- Maintenance: proactive & reactive; Preservation: proactive, *both are necessary*
- Patching – reactive / Washing – proactive

What are the Problems?

- **Early Replacements**
 - **Decks replaced in 25 to 35 years**
 - **Substructures replaced in 40 to 50 years**
- **Design Lives – 75 to 100 years**
- **Structures built in 1950's and 1960's will need increasing attention**
- ***We have to do more with less***

Preservation



What are the Solutions?

Bridge Preservation Action Team (BPAT)

Providing a “base of operations” for private sector firms to work together and also partner with government agencies to promote and advance bridge preservation activities in the public interest.

Objectives: What Do We Promote?

- Exceeding design life (increased service life)
- Tools necessary to quantify and solve given problems
- Documented evidence to promote best practices
- Life Cycle cost savings outweigh initial investments = Preservation

Objectives: What Do We Promote?

- **Utilize Industry Experts to Develop Component Specific Preservation Procedures**
- **Work with DOT and Engineers to Identify Preservation Needs**
- **Develop Educational Ties**
- **Promote Interaction and Education with Stakeholders**

Objectives: What Do We Promote?

- **Provide a knowledge bank and forum for best practices, materials, and tools**
- **Seek active members to contribute and learn**
- **Develop best practices – what has worked, where, when, and how**

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