Timely Preservation Performed Today, Better Bridge Infrastructure Tomorrow.
On March 1, 2011 BPA Merged with ARTBA Bridge Policy and Promotion Council.
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.
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 Action Team (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
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

- Identify
  - What
  - Where
- Quantify
  - How bad is bad?
  - Future progression & effects
- Solve
  - Cost-effective solutions
  - Exceed design life
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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