



2016 Update for AASHTO TSP2 NBPP Coatings Group Activities

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CHAIR, NBPP COATINGS GROUP

NBPP Coatings Group Goals and Activities

Group Activities over the last year

Short Term Goals

- Better quality workmanship
- Longer lasting Coatings

Long Term Goals

- Implementation of High Performance Coating Systems
- Long term maintenance cost reductions

Game Plan moving forward

AASHTO Domestic Scan Team Update

Domestic Scan “Bridge Recoating Best Practices” (began October 2015)

- Find out which States have the best recoating programs and why
- Determine best Specifications
- Determine best Coating Systems
- Determine best Practices

NBPP Coatings Group participation on the Scan Team

Results should help owners improve their coating programs, and help to guide future activities for the NBPP Coatings Group

AASHTO Domestic Scan Team Update

Scan Team has met 4 times since November 2015: 3 teleconferences and 1 face to face meeting in Washington DC in December 2015

Scan Team plans to host a Peer Exchange in Orlando in May 2016

Scan Team has developed Questions and an Agenda for the Peer Exchange

Scan Team plans to visit to NASA's Testing Facility

The Scan has a scheduled completion date of May 2016

The Scan Report should be completed by October 2016

AASHTO Domestic Scan Team Update

The following Agencies were asked to participate in the Domestic Scan as a result of their progressive/proactive coating programs:

- Maryland State Highway Administration (warranty and bond framework)
- Florida DOT (warm aggressive marine/UV environments, clear coatings and fluorourethanes)
- Iowa DOT
- Indiana DOT
- Texas DOT
- Oregon DOT
- Kentucky Coatings Research Center
- NASA (extensive testing program and development of innovative coating systems)
- FHWA

NBPP Coatings Group Concerns

Global Issues with regard to coatings:

- Engineering Evaluations
- Surface Preparation
- Coating Application
- Contractor, CEI and Owner Qualifications
- Specifications
- Better Coating Systems for new construction and recoating projects
- Institutional Courage
- Challenge the Low Bid Culture

NBPP Coatings Group Pursuits

Develop Plan to help Owners achieve better results:

- Convince Owners of the benefits for improving Coating Practices:
 - I. Improved Coating System Service Life
 - II. Preservation of Structural Steel Elements
 - III. Improved Infrastructure Service Life
 - IV. Reduced Maintenance Costs
 - V. Reduced User Costs
- Promote the development of improved Specifications
- Promote universal Training for Inspectors and Contractors (NACE or SSPC)
- Sponsor research to help Owners develop methods to convince Legislators of the benefits of Bridge Preservation Activities

NBPP Coatings Group Activities

Duplex Coating Systems (Galvanizing or Metalizing with Top Coat)

- Promote Research to Study Improved Durability of Steel Bridge Structures through Effective Use of Duplex Coating Systems
- Track implementation and success of Projects using Duplex Coating Systems
- Participate with NSBA in the development of Duplex Coating Systems

Increased Participation and Liaison with other Groups

- AASHTO Subcommittees (Bridges and Structures, Maintenance, Materials and Construction), NTPEP and TRB
- Increased Participation and Liaison with Industry Groups (NSBA, SSPC, NACE, Consultants, Suppliers and Contractors?)

Promote development and implementation of High Performance Coating Systems

Promote development of Improved Specifications

Group Challenges and Strategic Plan

Determine Direction of Group moving forward

Increase Industry participation

Find a way to involve the Contracting Community

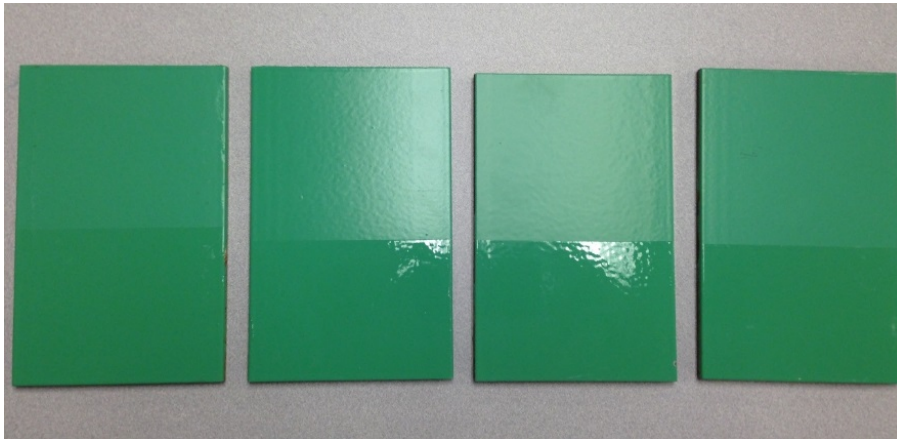
Revise Strategic Plan as needed:

- Vision
- Mission
- Goals
- Strategic Objectives
- Work Plan and Actions

NBPP Coatings Group Team

- Jeff Pouliotte, Florida DOT, Chair
- Wayne Senick, Termarust Technologies, Vice Chair
- Regis Doucette, CHLOR RID, Secretary
- Atiq Alvi, T. Y. Lin
- J. Peter Ault, Elzly Technology Corporation
- Mark Barnes, Washington DOT
- Graham Bettis, Texas DOT
- Charlie Brown, Maryland SHA
- Derrick Castle, Sherwin Williams
- Jeff Carlson, American Institute of Steel Construction
- Aaron H. Dacey, North Carolina DOT
- J. Winn Darden, AGC Glass Company
- Steve Duke, Florida DOT
- Wayne Fleming, Virginia DOT
- Ted Hopwood, Kentucky Transportation Center
- Brian Hunter, North Carolina DOT
- Mark Hudson, Sherwin Williams
- Kevin Irving, AZZ Galvanizing Services
- Bruce V. Johnson, Oregon DOT
- Jim Kunkle, Society for Protective Coatings (SSPC)
- Bobby Meade, Kentucky Transportation Center
- Jeff Milton, Virginia DOT
- Ronald Mondor, Termarust Technologies
- Dan Muller, North Carolina DOT
- Shannon Pole, International ZINC Association
- Thomas A Stephens, Baton Rouge Dept. of Public Works
- Justin Thompson, Georgia DOT
- Paul Vinik, Florida DOT
- Ed Welch, TSP-2
- Jonathan Fischer, Florida DOT

Isaiah D. Hart Bridge, Jacksonville, Florida
*Through Truss with Suspended Deck, 1088 Foot Span Over the
St. Johns River, Green Aliphatic Polyurethane*



Questions?

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