



# 2017-18 WORKPLAN

What we plan to do and why



# Four Strategic Goals

- Facilitate the Exchange of Preservation Information
- Assist with Implementation of Preservation Practices
- Maintain and Increase the Knowledge Base of Transportation Asset Preservation
- Quantify and Promote the Effectiveness of Preservation Practices

# We will continue doing some things we do very well

- Help desk- Answering questions when they arise. Consulting experts when needed.
- Meeting planning and logistics- 4 regional bridge or pavement partnerships + 1 national conference.
- Monthly conference calls for each partnership's board. We recognize that these calls move action items from the “not today” pile to the “make it happen” pile.

Goal 1: facilitate exchange of preservation. information

# Information Sharing- TSP2 website IS really good.

- Links to state Specifications and Special Provisions. The specifications are a state product, but making them easy to find is an NCPP service.
- Videos and powerpoint presentations from regional and national meetings for both pavement and bridge.
- Bridge has “virtual demonstration videos” showing how particular treatment is applied.

Goal 1: facilitate exchange of preservation. Information

Goal 2: assist with implementation

# Each partnership has its own page.

- Contains minutes of meetings, attendance lists, on-line photo gallery and partnership information.
- Members know to come here for the information, brochure, and travel request forms they need for the annual meeting.
- Each partnership is a bit different too. The NE pavement group has a 1/2 day “agencies only” meeting before the regular partnership meeting. The SE group has many of the same issues but discusses them in the open meeting.

Goal 1: facilitate exchange of preservation. information

# At every partnership meeting...

- Attendees go home with a complete list of attendees including contact information.
- These lists are valuable to the states and the attendees... able to ask follow-up questions or request information about a treatment.

Goal 1: facilitate exchange of preservation. Information

Goal 2: assist with implementation

# Updating Material is a continuous process...

- Some of the specifications in the pavement area almost 15 years old and need refreshing.
- We have provided links to NHI and TC3 training and uploaded descriptions of our training to TC3. The model for training is changing.
- Training in the future will be predominantly web-based and self paced and less instructor led. Creating effective training in this format will challenge everyone.

Goal 3: Maintain and increase knowledge base

# Certification in pavement preservation has momentum...

- Contractor and agency certification in chip seals, microsurfacing and slurry seals, and crack sealing.
- Indiana used a successful model... bringing their folks in to prepare for the test as a group, then having a ½ day refresher course in the morning, then the exam in the afternoon. Pass rate of 90%+.
- We like having this success model because people “studying” on their own did not spend enough time and were not able to pass the tests.

Goal 3: Maintain and increase knowledge base



# We are updating “At the Cross Roads”

- Book has been excellent for starting the conversation “Why preserve?”
- It is being expanded to include bridge preservation.
- Anticipate printing enough for leaders at agencies and for national decision makers.
- Plan to include “key talking points” in a one-page format.

Goal 3: Maintain and increase knowledge base of  
Transportation Asset Preservation

# Promoting Research

- Top priority from the MSU Department of Civil and Environmental Engineering.
- 3 of 4 pavement partnerships discuss research and research needs at every meeting.
- Results of state and nationally funded research are posted on the website. Much of what the states “need” is very applied research and does not fit the NCHRP model.

Goal 3: Maintain and increase knowledge base

Goal 4: Quantify and Promote the Effectiveness of preservation practices

# We are trying some new things

- We are developing a simple “Robert’s Rules” slide show to guide new partnership leaders.
- Considering reducing “video” archives to 3-5 presentations per partnership meeting. Will continue 100% coverage for national conferences.

# Monitoring Research Elsewhere

- NCAT and MinnRoad are partnering on preservation experiments to span from the wet freeze to the wet no-freeze zones. While there have been issues with the experimental design, this collaboration may move us forward in evaluating impacts of preservation.
- NCPP will conduct some initial life cycle cost analyses for preservation approach versus rehabilitation or reconstruction approach.

Goal 4: Quantify and promote the effectiveness of  
Preservation Practices

# NCPP looks for State funded research

- Most states have a research page as part of their website. NCPP staff read through the projects to find those in the preservation areas. The TSP2 website is updated to reflect this work.

Goal 3: Maintain and increase knowledge base  
Goal 4: Quantify and Promote the Effectiveness of  
preservation practices

# National Activities

- NCPP will attend, provide a booth, and actively participate in Transportation Research Board annual meetings.
- We are actively participating in SCOM, with staff attending in areas of pavement, bridge maintenance and equipment management. This meeting provides an opportunity to connect with many of the attendees of the regional partnership meetings.

Goal 3: Maintain and increase knowledge base

Goal 4: Quantify and Promote the Effectiveness of  
preservation practices

# A few additional “odds and ends”

- Performance Based specifications have made slow but measurable progress, largely through FHWA funding. NCPP continues to monitor progress.
- We are now part of the FHWA PPETG. We are also on the BPETG.

Goal 2: Assist with implementation

Goal 3: Maintain and increase knowledge base

# So what will we be working on?

- Clearly we will stay busy with partnership activities and meetings.
- Updating the website with new links (it seems that 10% of agency websites are redesigned each year rendering the old links obsolete.)
- We will be trying to expand certification to both contractors and agencies to improve the quality of treatments put down.
- Begin work on bridge certification, perhaps in the area of joint sealing.

Goals 1, 2, 3 and 4



# Last but not least...

- National Bridge Preservation Conference in Orlando, Florida in 2018.

*Do you have any questions?*