

**PAVEMENT PRESERVATION EXPERT TASK GROUP
STRATEGIC PLAN – Updated December 9, 2007**

STATEMENT OF PURPOSE

“Provide expertise to advance pavement preservation”

GOALS

- Pavement preservation acceptance and implementation
- Support research programs
- Identify and address customer needs
- Support pavement preservation Centers for Excellence and Regional and State Organizations
- Integrate preventive maintenance into pavement management systems

Pavement Preservation Expert Task Group

Strategic Plan - Subcommittee Roster

| Subcommittee | Members | | |
|---|--|--|--|
| Pavement Preservation Acceptance & Implementation | Jeff Forster Jim Moulthrop | Larry Galehouse Chris Newman | Kirk Fredrichs Mike Voth |
| Support Research Programs | Todd Thomas Janice Williams Larry Orcutt | Colin Franco Harold Von Quintuss Paul Montgomery | Joe Gregory Russell Thielke |
| Support Pavement Preservation Centers for Excellence and Regional and State Organizations | Lita Davis Steve Mueller Shakir Shatnawi | Janice Williams Delmar Salomon Bill O’Leary | Denny Jackson John Rice |
| Pavement Preservation Training and Certification | Chris Newman David Peshkin Colin Durante | Ed Denehy Jerry Geib Luis Rodriguez | Larry Galehouse Jim Moulthrop John Roberts |

Note: Names in boldface are Subcommittee Chairs or Co-Chairs

ACTIVITIES (SUBCOMMITTEES)

Pavement Preservation Acceptance & Implementation – Jeff Forster, Chair

Short-Term Goals

- ◆ Develop FHWA Pavement Preservation Technical Advisory to assist Division Office in applying their States’ pavement preservation program consistent with other program considerations (safety, ADA, geometric design, funding, environment) – High Priority in

the next 3 months(February 1, 2008) develop sections for each policy office to work on acceptance.

- ◆ Develop QC/QA procedures that could be used by user agencies and SHA – Phase 1 by May 2008.
 - Development framework of QC/QA action plan for group.
 - Review of current QA plans used by agencies and Industry.
- Encourage and promote Pavement Preservation by sending out toolkits and literature to AASHTO, LTAP, APWA, NACE, TRB and Industry by May 2008.
- Produce one paper for the Pavement Preservation Journal by May 2008.

Ongoing activities

- ◆ Develop a list of pavement preservation stakeholders such as associations (ISSA, AEMA, IRRRA, CCSA, and CCSS) and private management firms
- ◆ Encourage new programs among cities/ counties/ other organizations. Identify and categorize customers – City, County, State, MPO's/ RPO's, NACE, APWA, and Industry
 - Develop a liaison with NACE and APWA.
- ◆ Develop core marketing messages for pavement preservation.
- ◆ Customize marketing messages according to various customer groups
 - Identify customer needs across the various categories. Determine what customer needs information already has been collected through existing surveys.
Determine if new survey is needed to address information gaps.
 - If a new survey is needed, look at differences between existing surveys and new surveys and develop a new draft survey by the next meeting.
 - Contact the customer and target needs identified from existing surveys.

Long-Term Goals

- ◆ Develop QC/QA procedures that could be used by an SHA – Phase 2
 - Acceptance by Industry and other communities for guidelines on a QC/QA program
- ◆ Support and produce papers on Pavement Preservation received from ETG members
- ◆ Draft a plan for implementation of needs and product technology for customers.

Support Research Program – Todd Thomas, Chair

Short-Term Goals

Ask for response from AASHTO on the letter regarding incorporation of pavement preservation into the MEPDG.

- ◆ Engage in the pavement preservation section of the Pavement Handbook (NCHRP 01-46)
- ◆ Determine how the list of on-going pavement preservation research fits into the TSP Roadmap.
- ◆ Review the Asphalt and Concrete Roadmaps.
- ◆ Work with FPP to seek industry research problem statements.
- ◆ Develop a tracking mechanism for TSP Roadmap research problem statements.

Long-Term Goals

- ◆ Support the TRB Pavement Preservation Committee (headed by Larry Galehouse) and review TRB papers.
- ◆ Determine how Pavement Preservation research is being implemented in the field.
- ◆ Determine how many of the research problem statements from the TSP Roadmap are being forwarded for research.

Support Pavement Preservation Centers for Excellence and Regional and State Organizations – Lita Davis, Chair

Short-Term Goals

- ◆ Survey and identify LTAP centers working on pavement preservation areas, including type of training available
- ◆ Locate web site at TRB for "Research in Progress"; have it linked with other PP (NCPP and FP2) web sites for more visibility
- ◆ Review and comment on FHWA's Preservation web site. Ask Chris Newman and Joe Gregory what are the problematic areas we must focus on
- ◆ Review and comment on Caltrans Pavement Preservation Center web site (http://www.freedomwebmaintenance.com/staging/ECC_CPPC/index.html)

Long-Term Goals

- ◆ Continue to update ETG Speakers Bureau List
- ◆ Obtain pictures of construction activities showing PP techniques for asphalt concrete and portland cement concrete pavements
- ◆ Provide NCPP and FP2 with links to web sites for upcoming conferences and workshops.
- ◆ Continue to obtain Power Point presentations from PP associations to post on FP2 and NCPP web sites
- ◆ Identify the ways to integrate pavement preservation programs to be linked, if not integrated, with asset management systems

Pavement Preservation Training and Certification – David Peshkin and Chris Newman, Co-Chairs

Short-Term Goals

- ◆ Identify existing pavement preservation training programs and programs under development. A list of entities that are either known or suspected to have relevant training include the following:
 - TCCC
 - SHAs (e.g., Caltrans-MTAG, Texas) [note that SHAs are likely to have equipment certification training, but perhaps not much more]
 - Industry

| | |
|---------------------|--------|
| ▪ Asphalt Institute | ▪ NCPP |
| ▪ NAPA | ▪ AEMA |
| ▪ ACPA | ▪ ISSA |
| ▪ FP ² | ▪ ARRA |
| ▪ NACE | ▪ LTAP |
 - NHI

- ASCE
- Private
- LTAP/T² [take advantage of the work/survey findings from Lita's subcommittee]
- Universities
- ◆ Consider manuals in addition to full-blown training courses, as some of the manuals may be equivalent to a training document.
- ◆ Collect the following information about the training:
 - Title
 - Synopsis/summary of content
 - Length
 - Costs
 - Target audience
 - Contact information
 - Testing/certification?

Deadline for identifying existing training programs: January 31, 2008

- ◆ Refine mission for the Training and Certification Subcommittee of the future
 - Do we need best practices or standards developed so that we have something to aim at with the certification process?
 - What are the desired outcomes from this Subcommittee's activities? Current discussion is to support the TCCC?
 - We need to coordinate our activities with Jim Feda (see below).
 - We can look at training and implementation needs from the roadmap.
 - Consider just-in-time training needs.
 - Contracting methods seems to be an area where we could spend more energy. Do we change the title of the subcommittee to add this to our focus?
- ◆ Identify the barriers or challenges to acceptance
 - With certification, do we charge ourselves with the task of specifying what the certification requirements are for various jobs?
 - Eventually, by carrying out the identified steps, we can identify existing training needs and available training tools. The gaps between the needs and available tools will be identified and the Subcommittee will work through the ETG framework to fill the gaps.
 - Explore TCCC matrix of training courses and needs by audience to reflect preservation programs and training needs.

Long-Term Goals

- ◆ Use training needs matrix to identify gaps and support the development of new training programs in the future
- ◆ Develop pay factors for preservation treatments
 - What sort of performance measures or pay factors are currently out there?
 - Does this fall into "best practices" in contracting and performance?
 - Meet with Jim Feda and resolve by April 2008 (prior to the next AASHTO SCOM):
 - What's needed?
 - When it's needed by?

- How many meetings can be held on this before AASHTO SCOM next year?
- ◆ Contractor Training and Certification (Work Force Development)
 - Identify how the certification program should work.
 - What should be certified? Contractor or individuals?
 - What are you measuring?
 - What defines the required training and certification required to assure a qualified product?
 - What entity is going to undertake certification? Who is responsible?
 - What about the industries for which there is no industry org (crack sealing)?
 - Need straw man document.
 - Follow up with Sorenson/Newman for funding and support?
 - Use staff support and contractor facilitator
 - Two meetings between stakeholders (AEMA, ISSA, ARRA), SHAs, and FHWA
 - Identify core training
 - Develop draft certification program for industry contractors (AEMA, ISSA, ARRA)
 - Identify two to four pilot states. Suggestions include: South Carolina, North Carolina, Michigan, Texas