

**PAVEMENT PRESERVATION EXPERT TASK GROUP
STRATEGIC PLAN – Updated January 27, 2010**

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	Larry Galehouse Jeff Forster Chris Newman	Mike Voth Mark Ishee Francois Chaignon	Matiz Mian Jim Moulthrop Bill O’Leary
Support Research Programs	Anita Bush Chris Newman Colin Franco	Russell Thielke Francois Chaignon Todd Thomas	Nick Burmas Caleb Reimer
Support Pavement Preservation Centers and Regional and State Organizations	Lita Davis Steve Mueller Larry Rouen Yetkin Yidirim	Janice Williams Delmar Salomon Bill O’Leary Craig Olson	Denny Jackson Jon Rice Tammy Sims
Pavement Preservation Training and Certification	Chris Newman David Peshkin Colin Durante	Ed Denehy Jerry Geib Luis Rodriguez	Larry Galehouse Jim Moulthrop Dennis Wofford
Rigid Pavement	Craig Hennings Angel Correa John Roberts Matt Zeller Kurt Smith	Joe Gregory Wouter Gulden Delmar Salamon Mary Stroup-Gardner Larry Rouen	Steve Healow Larry Scofield Janice Williams Anita Bush Steve Varnedoe

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

ACTIVITIES (SUBCOMMITTEES)

Pavement Preservation Acceptance & Implementation – Larry Galehouse and Jeff Forster, Co-Chairs

Short-Term Goals

- Encourage participation by the aggregate industry in ETG activities.
- Encourage participation by a designated MPO/RPO in ETG activities.

Ongoing Activities – Will provide progress on each of these ongoing activities for ETG meetings.

- Produce technical papers and provide articles of interest from the ETG for the Pavement Preservation journal and other publications.
- Encourage new pavement preservation programs among local agencies and planning organizations. These customers include City, County, MPO's/RPO's, NACE, and APWA.
- Encourage continued involvement of NACE and APWA.
- Provide NCPP, our marketing agent, with customized marketing messages according to various customer needs.
- Promote Pavement Preservation by providing a virtual link thru NCPP to allow downloading of toolboxes and literature to AASHTO, LTAP, APWA, NACE, TRB and Industry when new or revised information is available.
- Review customer information already collected through existing surveys.
- Determine the current needs from the TSP-2 help desk (at NCPP) by reviewing typical questions and information request.
- Ascertain progress made since past Pavement Preservation Technical Appraisals and current state of practice. Determine if a follow-up review is necessary to address barriers and gaps.

Long-Term Goals

- Draft a plan to advance and implement new product technologies for highway agencies.
- Develop a document that validates the benefits of pavement preservation for marketing purposes.
- Assist in the development of a Public Service Video: The video is envisioned to be a series of 30 second, 2 minutes, and longer messages used to change public perception. It will explain that working on the worst roads first is a dangerous approach to improving the highways and safeguarding the taxpayer money.
- Work with state DOT's to follow-up on past pavement preservation technical appraisals. Use the executive summary recommendations to measure change within the agency.

Support Research Program – Anita Bush, Chair

Short Term Goals

- Establish core group for the Research subcommittee for PPETG, set up monthly conference calls. First meeting on January 26th, 2010 at 12:00 pm Pacific Time.

- Develop current state contact list; Materials, Maintenance and Research Divisions.
- Develop contact list of research task force members of each Pavement Preservation Partnership.
- Follow up with survey: Development of Yearly PPETG Research Newsletter.
- Work with FP2 to seek industry research problem statements (Jim Moulthrop).

Long Term Goals

- Coordinate with the AASHTO TSP2 to:
 - Provide assistance with implementation from the TSP Roadmap.
 - Review priorities of the TSP Problem Statements.
 - Update problem statements.
- Coordinate with each of the Regional Pavement Preservation Partnerships regarding regional research.
- Identify emerging industry innovations.

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

Short-Term Goals

- Develop and circulate a web-based survey to LTAP centers that work on pavement preservation. Purpose of the survey is to identify the types of training, and network of speakers, available on pavement preservation.
- Review and comment on web sites for:
 - FHWA Preservation
 - FP2
 - International City Management Association (ICMA)
 - Local Technical Assistance Program (LTAP)
 - National Association of County Engineers (NACE)
 - National Center for Pavement Preservation (NCPPI)
 - TSP2
- Coordinate and develop a process with NCPPI to disseminate information sharing among the regional Pavement Preservation Partnerships:
 - Work with NCPPI to conduct routine teleconference calls with PPP Officers and FHWA staff to insure PPP efforts on a national/regional basis.
 - Coordinate the development of a press kit to promote PP treatments.
 - Coordinate the development of a media kit for use by government agency public information office.
 - Coordinate with the PPP to open an alliance with the MPOs to promote PP.
- Promote the “Red Book” (A Quick Check of Your History Network Health) to APWA, to reach state and local agencies.

Long-Term Goals

- Obtain pictures/videos of construction activities showing PP techniques for flexible and rigid pavements; forward for posting on NCPPI as public domain:
 - Seek assistance from NCPPI to obtain this media from the PPPs.
 - Seek assistance from ETG members via their network of PP practitioners.

- Request NCPP to develop a search engine for the NCPP website video library.
- Provide FP2 with links to PP award programs given by industry and non-profit associations (eg; AEMA, ARRA, ISSA, CPPC, CCSA, etc.).
- Develop a draft proposal to promote the distribution of PPP information, to local agencies, via State DOTs and LTAP.

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

Short-Term Goals

- Identify and prioritize training needs on the part of both industry and agencies and provide this input to the TCCC. Use the preservation core curriculum to correlate training to competencies and conduct training gap analysis.
 - Deadline for identifying training needs: Ongoing
- ◆ Review, update, and provide input and feedback on the completed summaries of pavement preservation training programs. This should be accomplished in coordination and collaboration with the FHWA Office of Asset Management and the TCCC.
 - Status: ongoing
- Support other subcommittees in the development and dissemination of the sustainability message and evaluate sustainability training needs.
 - Status: new (12-09)
- Develop a road map for certification to guide long-term activities in this area. Identify and develop an overview of the components of a certification program, define the objective(s) of certification, discuss the advantages and disadvantages, identify roadblocks to certification, and identify “enforcement” or compliance issues.
 - Status: new (12-09)

Long-Term Goals

- Support the implementation of a pavement preservation certification road map. Coordinate the issue of certification across the other subcommittees and with the pavement preservation partnerships.
 - Who should be certified: contractor, supervisor, individuals, entire crews, some percentage of crew, some combination of firms and supervisory staff?
 - Address agency interests and concerns.
 - Address industry interests and concerns.
 - Spell out relationship between performance-based specifications, warranties, and certification.
 - Support the use of the available pavement preservation training in addressing certification.
 - Identify organizations who are able to provide certification.
 - Status; new (12-09)
- Support the development of new training programs to fill prioritized training needs in the pavement preservation training matrix.
 - Status: new (12-09)

Rigid Pavement – Craig Hennings, Chair

Short Term Goals

- Establish Permanent Subcommittee membership (members should be champions of concrete pavement preservation) The subcommittee should be represented by industry (ACPA, IGGA, Contractors etc), state agencies, FHWA, NCPP, and the National Center for Concrete Pavement Technology at Iowa State University.
- Identify sources and validate national data on: state DOT concrete pavement inventories, use of PMS/inclusion of PCC pavements, concrete pavement preservation treatments, and best practices. More specifically, w/respect to Pavement Management Systems the focus will include CPR intervention points, decision trees, treatment selection and performance monitoring.
- Establish on-going communication and outreach by conducting monthly conference calls with minutes/task assignments and posting on NCPP website. Subcommittee will also focus on outreach through participation in the AASHTO TSP2 Regional Partnerships.

Long Term Goals

- Educate stakeholders on Concrete Pavement Management (comprehensive, long term approach with preservation as key strategy).
- Document and communicate the benefits of CPR/Preservation techniques to extend pavement life and enhance performance.
- Support the development of training in the area of concrete pavement preservation to include promotion of the new NHI Concrete Pavement Preservation course developed by FHWA/National Center for Concrete Pavement Technology. Also promote webinars by ACPA and development of web-based training through the FHWA TCCC.
- Promote participation in the Pooled Fund study on Accelerated Joint Deterioration. The subcommittee will request a slot on the advisory panel.
- Evaluation of Seal/No Seal concrete joint performance. Track and communicate on-going efforts.
- Increase industry presence and participation in AASHTO TSP2 Regional Partnerships.