

California Pavement Preservation Center

DingXin Cheng
California Pavement Preservation Center
California State University, Chico
400 W. First St, Chico, CA 95929-0603
USA
Email: dxcheng@csuchico.edu
<http://www.csuchico.edu/cp2c>

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With the support from California Department of Transportation (Caltrans), California State University, Chico established the California Pavement Preservation Center (CP2 Center) in 2006 under the College of Engineering, Computer Science, and Construction Management. Caltrans provided the seed funding for the first three years starting from 2007 and continues providing research funding to the Center. The mission of the Center is to serve as a leader in a partnered effort between government, industry and academia to advance and improve pavement preservation practices through education, innovation, applied and practical research, technology transfer, and implementation. This includes developing and advancing innovative approaches to pavement preservation and pavement materials. The Center works closely with the Pavement Preservation Task Group (PPTG), a statewide volunteer group consisting of members from Caltrans, the Federal Highway Administration (FHWA), industry, various public agencies, and academia to help promote cost-effective pavement preservation. The Center also is a member of the Rocky Mountain West Pavement Preservation Partnership (RMWPPP) and works with the National Center for Pavement Preservation (NCPPI) on special projects.

With the funding shortage for most state and local agencies, pavement preservation has become a cost effective way to extend pavement service life and reduce the deterioration of pavement. In summary, there are several benefits from having the California Pavement Preservation Center including:

- Provides readily accessible expertise and knowledge to provide timely solutions in line with the Caltrans 5-Year Maintenance Plan
- Acts as a persistent advocate for the goals of preservation, innovation, safety and serviceability and as a good steward of resources - working with partners.
- Promotes the deployment of innovation and technology transfer - thinking "outside the box"
- Streamlines the contracting and the business practices for pavement preservation guidance
- Enhances safety by promoting proper and durable strategies that result in decreased exposure to traffic by workers, and less hazards to the motorist
- Increases efficiency with the use of the proper timing of strategies and quantifying performance and cost of pavement preservation strategies