

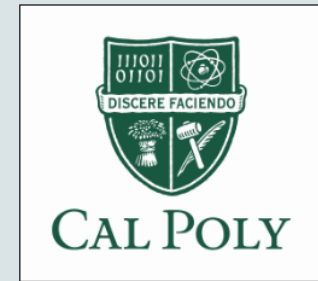
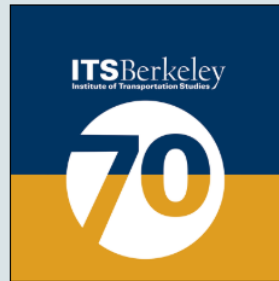
CCPIC

Vision, Work to Date, Current Funding



City and County
Pavement Improvement Center

Welcome To
CCPIC



Governance Board Meeting

28 September 2018

Idea for CCPIC

- Idea for CCPIC came from work with local governments from 1995 to 2005
 - Tech transfer classes
 - Help for cities and counties as requested
 - In 1995 UC Berkeley was the only UC or CSU with a pavements program
 - UCB staff were teaching the MS night program at San Jose State
- Conclusions:
 - Too many cities and counties to help as individuals or in small groups
 - Hard to reach central and southern California
 - No funding, therefore limited resources and inability to sustain effort

Mission and Vision for CCPIC

- Mission:

- *CCPIC works with local governments to increase pavement technical capability through timely, relevant, and practical support, training, outreach and research*

- Vision:

- *Making Local Government-Managed Pavement Last Longer, Cost Less, and Be More Sustainable*

Origin of CCPIC 1/2

- April 2015:
 - Discussions with Laura Melendy (ITS Berkeley Tech Transfer) and Margot Yapp (NCE)
 - Need to develop an organization to deliver training and support in a comprehensive and resource-effective, cost-effective way
- June 2015: Draft proposal for center written
- October 30, 2015: First meeting of small group of interested cities and counties, CSAC, LOCC, Institute
- April 2016: PTA funding from legislature through ITS Davis
- Spring 2016: Development of full CCPIC concept with CSU, UCB partners
- Spring and fall 2016: Formal engagement with CSAC and LOCC
- Spring 2017: White paper survey of best practices for local government pavement centers in other states
 - https://its.ucdavis.edu/research/publications/?frame=https%3A%2F%2Fitspubs.ucdavis.edu%2Findex.php%2Fresearch%2Fpublications%2Fpublication-detail%2F%3Fpub_id%3D2829

Origin of CCPIC 2/2

- Fall 2017, Winter 2018: meetings with CSAC and LOCC committees for formal partnership
- Spring, Summer 2018: Development of governance approach
- Ongoing since 2016:
 - Meetings and presentations with local government groups around the state
 - Development of Best Practices documents, draft specifications, tools
 - Some training for groups
 - Development of certificate program
 - Participation in Local Roads Needs Survey
 - CCPIC questions in most recent survey

Work completed to date

- Web site set up and being maintained
 - <http://www.ucprc.ucdavis.edu/ccpic/>
- Best Practices Tech Briefs
 - Asphalt compaction
 - Concrete materials
 - Unpaving and gravel road maintenance
- Presentations on best practices
 - Local groups
 - League Expo
 - Public Works Officers mtgs
- Training classes
 - In-place recycling (2 done)
 - Subsidized enrollment in existing ITS Berkeley Tech Transfer asphalt pavement maintenance and rehabilitation, pavement management classes

The screenshot displays a grid of nine resource categories on the CCPIC website. Each category has a red header with the category name and a 'More' link. The categories and their content are:

- Best Practices**: Answers to common problems
 - [Writing and Enforcing Specs for Asphalt Compaction](#)
 - [Writing Concrete Specs for Durability and Sustainability](#)
 - [Unpaving to Create Affordable, Safe, Smooth Gravel Roads](#)
- Training Classes**: Pavement Training
 - [Pavement management class \(CCPIC subsidized price\)](#)
 - [Asphalt pavement maintenance & rehab class \(CCPIC subsidized price\)](#)
- Web Training & Webinars**: Coming Soon!!
 - Item 1
 - Item 2
- Presentations**: For Viewing and Downloading
 - [LCCA-Cities of Berkeley, Davis & Martinez-April 6, 2018](#)
 - [Perm Pave-Cities of Berkeley, Davis & Martinez-April 6, 2018](#)
 - [Contra Costa Transportation Authority-April 4, 2018](#)
 - [League of California Cities Expo-Sept 15, 2017](#)
- Sample Specs**: Coming Soon!!
 - Item 1
 - Item 2
- Tools**: Pavement Software Tools
 - Life Cycle Cost Analysis Comparison Spreadsheet ([Download](#))
 - Unpaved Road Chemical Treatment Selection [Website](#)
 - Asphalt Paving Compaction Temperature ([Download & Install](#))
- Unpaved Roads**: Materials for Unpaved Roads
 - [Unpaved roads dust control guidance](#)
- Peer-To-Peer**: Coming Soon!!
 - Item 1
 - Item 2
- Workshops**: Summary Info & Presentations
 - [Permeable Pavement Road Map 2017](#)

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Work completed to date

- Sample specifications, initial work done
 - Asphalt concrete compaction
 - Concrete materials
 - need process for review and posting
 - Currently review with industry and selected local government colleagues
 - Relationship with Greenbook
- Guidance and Software tools
 - Unpaved road chemical treatment selection (funded by FHWA)
 - Asphalt paving compaction allowable time calculator (funded by Caltrans)
 - Unpaved roads dust control guidance
 - Life cycle cost analysis comparison spreadsheet to improve pavement management system decision trees (being piloted)
- Initial planning for Pavement Certificate program

The screenshot shows a website navigation menu with the following categories and content:

- Best Practices** (More)
 - Answers to common problems
 - [Writing and Enforcing Specs for Asphalt Compaction](#)
 - [Writing Concrete Specs for Durability and Sustainability](#)
 - [Unpaving to Create Affordable, Safe, Smooth Gravel Roads](#)
- Training Classes** (More)
 - Pavement Training
 - [Pavement management class \(CCPIC subsidized price\)](#)
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Funding of CCPIC

- Funding to set up CCPIC and support activities and content production came from the state legislature and from initial SB1 funding through the UC Davis and Berkeley Institute of Transportation Studies (ITS Davis and ITS Berkeley)
- The FY 18/19 budget for CCPIC activities is \$200,000:
 - SB1 funds from the ITS Davis: \$75,000
 - SB1 funds from ITS Berkeley: \$50,000
 - SB1 funds from Mineta Transportation Institute: \$75,000
 - (95% pass through to CSUs and ITS Berkeley Tech Transfer)
- Some of the ITS funding has been already been spent on activities already completed; the MTI fund transfer is being finalized