

CCPIC

Governance Board Meeting

CSU Long Beach

17 May 2019

Funding and spending update

- ITS Davis CCPIC funding from UC SB1 funds
 - 2016, \$50k
 - 2017, \$75k
 - 2018, \$75k
 - Balance remaining: \$123.5k
- ITS Berkeley CCPIC funding from UC SB1 funds
 - Funding:
 - 2016, \$25k
 - 2017, \$50k
 - 2018, \$50k
 - Revenue from \$75/person subsidized cost for classes: \$16k
 - \$75 is just above break even for administering revenue coming in
 - Confirmed \$50k more for FY 19/20 from ITS UCB
 - Balance remaining: \$77k
- Main focus is on training, some travel and communication
- UCD looking to hire local technical resource for southern California (more later)

Funding and spending update

- Mineta Center from CSU SB1 funds
 - \$150k received from SJSU in fall 2018
 - Difficulties determining rules for moving SB1 funds between Mineta to UC to CSUs
 - Status of sub-agreements between UCD and CSUs
 - California Pavement Preservation Center (Chico): ready for CSUC signature
 - CSU Long Beach: returned to UCD for signature
 - Cal Poly SLO: estimated return from CPSLO on 20 May
 - Budgeted:
 - CSU Chico: \$38,580, includes funding for CP2 newsletter
 - CSU Long Beach: \$30,160
 - Cal Poly SLO: \$25,983
 - UCD coordination, overhead, administration: \$56,258
 - includes required min PI time
 - Initial task orders
 - Draft specifications for asphalt compaction, improved concrete specifications
 - Future tasks:
 - Training participation
 - Regional technical support

Funding

- Expect continuing support from UC SB1 funds at similar levels for at least several more years
 - Need to continue to deliver and spend what we have
 - Will follow up with Mineta Center later the year
- In discussions with LOCC and CSAC about other sources

Training

- Review of City and County Pavement Improvement Center Pavement Training and Certification Program
- First new course: Introduction to Pavement Engineering and Management

- Day 1 (2 hours)
- Module 1 Pavement overview
 - What are pavements
 - Functional requirements
 - What stakeholders want
 - Pavement types and key issues
 - Drainage
 - Pavement life cycle
- Module 2 Pavement materials
 - Strength, stiffness, damage definitions
 - Soils and stabilization
 - Aggregate
 - Asphalt and asphalt mixes
 - Sprayed asphalt
 - Cement and concrete
 - Materials of the future
- Module 3 Sustainability considerations
 - Cost sustainability and life cycle cost analysis (LCCA)
 - Environmental sustainability and life cycle assessment (LCA)
 - Environmental impacts of materials production and construction
 - Environmental Product Declarations

Overview of First New Class

June 17-20, 2019
1 to 3 pm

Overview of First New Class

- Day 2 (2 hours)
- Module 4 Traffic, Environment and Basics of Treatment Types
 - Treatment definitions
 - Pavement life cycle
 - Traffic variables
 - Climate variables
- Module 5 Pavement Distresses for Asphalt Surfaced Pavement
 - Structural distresses
 - Surface distresses
 - Soils problems
 - Preservation and maintenance treatments
 - Decision tree logic to address distresses with preservation and maintenance

- Day 3 (2 hours)
- Module 6 Rehabilitation and Reconstruction Design and Selection Process
 - Project investigation
 - Desktop
 - Site
 - Sampling and testing
 - Examples of inadequate site investigation
 - Treatments
 - Asphalt overlays
 - Partial-depth reclamation
 - Full-depth reclamation
 - Concrete overlays
 - Decision logic
- Module 7 Pavement Distresses for Concrete Surfaced Pavement
 - Concrete pavement distress mechanisms
 - Design and construction
 - Pavement design, jointing
 - Mix design
 - Construction
 - Concrete pavement maintenance and rehabilitation

Overview of First New Class

- Day 4 (2 hours)
- Module 8 Pavement Distresses for Surface Treated, Gravel Surfaced and Permeable Pavements
 - Gravel and surface treated roads
 - Distress mechanisms
 - Engineered Gravel
 - Unpaving to engineered gravel
 - Permeable pavement
- Module 9 Overview of Pavement Management
 - What is a pavement management system
 - How a PMS works
 - Framework
 - Condition survey
 - Decision trees
 - Prioritization
- Module 10 Overview of LCCA and LCA and How to Use This Information
 - Introduction to LCCA
 - Introduction to LCA
 - How it works
 - What to focus on now to improve sustainability
 - EPDs
- Questions on All Modules
- Overview of Other Pavement Courses in the CCPIC/Tech Transfer Program

Overview of First New Class

Training program

- Discussion and feedback from governance board

Service as a Resource Center

- Discussions with Erik Updyke as southern California technical resource
 - Example project funded by East Bay MUD
 - Effects of full-depth reclamation on underground pipes
 - Requests
 - to LOCC, CSAC, CEAC from industry, other agencies (like utility districts), state agencies (like CalRecycle)
 - from local government for pilots, technology development
- Any priorities that we should reach out about?
- Request for board: feedback on role as resource center
 - Any particular topics you recommend?

CCPIC Website

- Communication about website
 - Any ideas for additional capability for the website
- Update on website activity
 - See handout
- Update on creating peer-to-peer communication capability for regional local government discussion groups
 - Anyone interested in piloting this from governance board?
 - For example, we are answering some questions for Yolo County in next couple weeks about FDR; answers could be posted through peer to peer if people are interested?
 - Other ideas on how to get folks started using this?

CP2 Newsletter

- California Pavement Preservation Center newsletter
 - Request for board: feedback on CCPIC communication through CP2 newsletter
 - Looking for more authors within CCPIC
 - What other kinds of information would you like to see communicated through newsletter?
 - Training updates
 - Requests for informational articles from cities and counties

CP2 Newsletter

- California Pavement Preservation Center newsletter (Gary Hicks)
 - Request for board: feedback on CCPIC communication through CP2 newsletter
- Outreach at PWOI meeting in March in San Diego (Shadi Saadeh)

League of California Cities Public Works Officers Institute & Expo

- April 3 – 5, in San Diego at the Paradise Point Resort
- Representatives Irwin Guada & Shadi Saadeh
 - Manned a table adjacent to the registration table
- Conversation with Rony Berdugo of LCC on scheduling a presentation for the general session
 - Wants to create more visibility as a partner agency
- Next PWOI Monterey Conference Center, March 18 - 20

League of California Cities Public Works Officers Institute & Expo

- Other conversation topics included
 - Limiting the use of SB1 funding to pavement and roads
 - Incorporating bicycle lane distress in the PMS
 - The use and maintenance of unpaved roads
 - Desire to communicate with other regional communities
 - The silver tsunami and need for training at local agencies

Outreach

- Discussion:
 - What LOCC/CSAC/CEAC conferences should we focus on?
 - Booth or other types of outreach at events
 - Request for board: any events you are involved with that we should put on our calendar for summer outreach around state?
 - Need to set up a calendar with a one year look ahead
 - LOCC, CSAC, governance board, others to add items
- NACE Conference April 2021
 - Yolo County is President,
 - Looking for Inland Empire venue and local partner
 - Outreach for it through CEAC and CCPIC?
 - CCPIC will need to put together some sessions

Next Meetings

- Web meeting in August or September
 - Dates?
- In-person meeting in November or December
 - Where
 - When

Any other items?

- If not Adjourn
- Thank You!!