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
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
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!!