

CITY COUNTY PAVEMENT IMPROVEMENT CENTER (CCPIC)

GOVERNING BOARD MEETING IN-PERSON MEETING

NOTES

Friday, November 15, 2019

Meeting Location

210 North 4th Street, 4th Floor Conference Room
San José, CA 95112

Chair: Randy Breault (City of Brisbane), **co-Chair** Matt Tuggle (Solano County)

Agenda Items

1. Welcome and self-introductions (all)
 - a. Randy Breault welcomed all to the conference call and asked all participants to introduce themselves
 - b. The list of participants is given in attachment 1.
 - c. Several board members were not able to attend

2. Work plan progress updates:
 - a. Reviewed previous meeting notes and action items. John Harvey reviewed minutes and action items from the prior meeting and noted that most the action items were completed. There were no other comments on the minutes, but they were not approved. **Action: Should they be approved?**
 - b. Training Update (Laura Melendy, John Harvey, UCPRC, Gary Hicks, Ding Cheng, CP2C)
 - a. Curriculum and certificate plan. Laura indicated the final version of the plan was submitted and approved in August 2019. In addition, she discussed the proposed curriculum which consists of 92 hours of core classes and electives. **Action: This version should be posted on the CCPIC website.**
 - b. A discussion was held regarding how to handle multiple attendees at web classes at the same location, how to charge them, and how to handle attendance so that those attendees who wish to work towards the certificate can get their attendance certified.
 - c. Training given. Laura reported on the classes held since the last meeting, the LCCA online class which had 130 participants.
 - d. New classes being developed. New classes being developed include:

- i. CCB-02 Pavement Management and Preservation Strategies planned for spring 2020,
 - ii. CCC-01 Asphalt Concrete Materials and Mix Design planned for summer 2020
 - iii. CCC-02 Pavement Preservation Materials and Treatments planned for fall 2020
 - iv. CCC-03 Pavement and Hardscape Construction Specifications and Quality Control Management planned for fall 2020
 - v. CCA-02 Pavement Sustainability schedule for spring 2021 (or perhaps earlier since John Harvey has most of the course developed)
 - vi. CCC-23 Gravel Roads Engineering, Construction and Management may be able to roll-out soon, as much of the content already exists
 - e. Upcoming scheduled classes. The only upcoming class before our next meeting will be IDM-04 Asphalt Pavement Maintenance and Rehabilitation scheduled for December 2019. CCB-02 is likely to be scheduled for late April 2020.
 - f. Discussion. It was suggested that old classes be grandfathered in for the certificate program. Laura and John agreed that this should be done. It was also suggested that CCPIC get a calendar of CalAPA, WRAPP and other industry classes that may potentially count as electives toward completion of the certificate.
- c. Costs and Funding update
- a. Estimated start up and annual operating costs for built-out CCPIC training program. Laura Melendy provided a very conceptual budget for full roll-out of the certificate program. It was estimated to cost about \$500,000 per year over 5 years, but did not include the \$50,000 CCPIC currently receives. Though there was concern over the amount, Laura pointed out that this estimate is similar to what she already receives to carry out her current (not CCPIC) program. She feels this amount is what is needed to have a successful program.
 - b. Estimated costs of other operations (outreach, technical guidance and tools). John Harvey provided an estimate of what the budget for UCD, CP2C, CSULB, and CPSLO would need to carry out the proposed efforts. It was estimated to be about \$1.8 million over 5 years. Therefore the total request for training and other operations would be on the order of \$900,000 per year. There were some questions regarding costs, and John and Laura noted that there may be some overlap in their budget for CCPIC university instructors, but it would not change substantially reduce the costs. They noted that they will update the budgets to check on any double counting. Randy noted that although some questions were being asked about how the budgets were put together and assumptions, the estimated budgets were not out of line with what he would expect. Others agreed.
 - c. Update on remaining funds and expiration dates. John Harvey and Laura Melendy reported on the remaining funds for the Davis and Berkeley accounts.

- i. For ITS Davis John has received \$75,000 per year from SB1 funds Davis for 3 years totaling \$225,000 and \$150,000 in SB1 funds from the Mineta Transportation Institute. He shows \$23,000 spent of the ITS funds, but this amount is low because some of the charges were inadvertently charged to his Caltrans accounts. He is working to get this corrected.
 - ii. For ITS Berkeley, Laura has received about \$175,000 total from SB1 funds at ITS Berkeley. She reported that the 2016, 2017, and most of the 2018 funds have been spent. She is currently spending the 2019 funds and has generated over \$30,000 in revenue from the classes given to date.
 - iii. SB1John reported on the \$150,000 funding received from MTI. To date he has issued subcontracts to Cal Poly, CP2C, CSULB and \$55,000 were required by UCD to be kept on campus. Only Cal Poly has submitted invoices for work completed. **Action: All of the Universities need to submit invoices for work completed.**
 - d. Contact with legislative staffer. John shared a discussion with a legislative staffer who contacted him about funding for CCPIC. Randy and Matt said that CCPIC has demonstrated what can be done with the limited funding that has been provided by the university systems, as requested, and that Randy, Matt, John, Rony Berdugo, and Chris Lee need to meet to discuss possible ways to fund the CCPIC to carry out its proposed plan. It is imperative they identify ways to fund the proposed scope of the CCPIC at a level of about \$900,000 per year, which can be ramped up, but that the program cannot reach its potential without additional funding, particularly the training program. Laura and John stated that while they believe that ITS Davis and ITS Berkeley will continue to provide approximately the same support from their SB1 funds, more than the current funding levels cannot be expected considering that the legislature has also set up a program for other research at Davis and Berkeley that they are submitting requests to. **Action: The discussion regarding finding additional funding needs to take place soon.**
- d. Updates on technical guidance and tools
 - a. Asphalt construction quality (Shadi Saadeh, CSULB)
 - i. Construction sample specifications. Shadi and Erik are working on this and expect to submit the draft specs by December 15, 2019.
 - b. Concrete mix design (Ding Cheng, CP2C)
 - i. Sample specifications. Ding has been working on this with the Concrete Industry Management program at Chico State and industry. A draft of the specs was sent to John prior to the 11-15-19 meeting. The specs are also being reviewed by Tom Van Dam of NCE.
 - c. Life cycle cost analysis (Sampat Kedarisetty, John Harvey)

- i. Sampat reported on a study he is doing with the City of San Jose, County of Los Angeles, City of Berkeley, and City of Lompoc. Steve from Sacramento County offered to participate in this study too. **Action: Sampat needs to contact Steve Hartwig of Sacramento County.**
 - ii. The scope of the project is to build performance models for predicting crack growth due to loads and the environment and to use the LCCA process to optimize decision trees in an agencies pavement management system.
 - iii. He reported on the first task only and presented some crack growth curves for the City of San Jose. The analyses are continuing, and more data will be collected from the other agencies. **Action: A guide will be developed to help local agencies be able to develop models for their own pavement networks.**
- e. Update on brochure and standard presentation. Laura provided the group with copies of the brochure, bookmarks, and the new CCPIC booth. All noted that the results look great.
 - a. Copies of the brochures and bookmarks can be obtained from Laura.
 - b. The booth should be used for most major meetings.
 - c. The presentation (which needs to be circulated to the group), is ready and can be modified as needed. It has been used by Shadi in some of his outreach already.
 - d. It was pointed out that www.roadresource.org may provide some competition to our group. **Action: Need to check this out.**
- f. Update on Southern California Resource Center New Hire. John Harvey has met with Erik Updyke (formerly with County of Los Angeles) and he has agreed to help. John is working with human resources to at UC Davis get this done. **Action: John needs to develop a job description for the position which is estimated to be about 15% time, depending on how much time Erik has.**
 - a. Activities planned and scheduled. Erik will work on outreach and on specifications initially. His role may increase if he has the time.
 - b. Shadi has already met with APWA and has other meetings with APWA planned. He also plans to meet with some ASCE sections, City and County Engineering organizations.
- g. Update on Northern California Resource Center
 - a. Activities planned and scheduled. Gary Hicks reported that they have not made many contacts yet, but will focus on CEAC groups, City groups, MSA, and ASCE and APWA sections in Northern California and the Bay Area. Girum suggested Gary attend the APWA meeting in Silicon Valley soon.
 - b. **Action: Brandon Black of LOCC to provide Gary with a list of city organizations in northern California.**
- h. Update on Central California Outreach

- a. Activities planned and scheduled. Ashraf reported he has met with the county of SLO and the City of Pismo Beach. They are interested in CCPIC, but need follow-up meetings with the new brochure and slide presentation.
 - b. It was suggested he also contact APWA and ASCE sections in central California as well.
- i. Update on PWOI session. Todd alerted CCPIC to an opportunity to speak at this event. John, Ding and Shadi are helping organize a session at this meeting in Monterey in March 2020. The speaker's topics and speakers will include:
 - a. LCCA update. Sampat will provide an update on the program and some of the work he is doing
 - b. Quality assurance for preservation treatments. Ding will provide a presentation on QA (QC and agency inspection) for preservation treatments
 - c. John will provide a presentation on multifunctional pavement, meaning pavement designed and maintained for vehicles, active transportation and potentially stormwater retention.
 - d. Shadi and Ashraf will moderate the session
 - e. The booth and brochures should be taken to this meeting
 - j. CCPIC website. Jon Lea of UCPRC reported on the website usage.
 - a. Usage update. Jon reported it was about the same as last year except for a blip in early October which apparently coincided with the ITS announcement on new courses on October 8.
 - b. Update on creating peer-to-peer communication capability for regional local government discussion groups (Matt, Jon). This is not progressing well, but definitely is needed. The exchange is not for the public, but for agencies only. Public could read, but not post.
 - c. **Action item: How to facilitate person to person exchange? Need to develop a plan covering the hot topics the agencies are facing. This could include specs, pavement engineering, pavement materials, contract info and more.**

Next meeting

- a. Next meeting will be a web meeting. This will take place in January OR February 2020. **Action: John to send a doodle poll**
- b. Items for next meeting agenda
- c. In person meeting in May 2020. This will likely take place in Sacramento at CSAC or LOCC offices.
- d. Any other items to bring forward. If so, please provide to John

Adjourn. This meeting was adjourned around 2 pm and a group photo was taken. This should be done for each meeting.

Attachment 1. Attendance list

Jay Spurgin	City of Thousand Oaks
Girum Awoke	City of Gilroy
Roger Lee	City of Cupertino
Steve Hartwig	Sacramento County
Matt Tuggle	Solano County
Todd Riddiough	Yolo County
Howard N. Dashiell	Mendocino County
Randy Breault	City of Brisbane
Casey Carlson	Santa Cruz County
Chris Hooke	Ventura County
Najee Zarif	San Joaquin County
Laura Melendy	UC Berkeley
Hilary Nixon	MTI
Shadi Saadeh	CSU Long Beach
Ashraf Rahim	Cal Poly
John Harvey	UC Davis
Gary Hicks	CSU Chico
Jon Lea	UC Davis (via phone)
Brandon Black	League of California Cities
Caroline Cirrincione	League of California Cities
Sampat Kedarisetty	UC Davis(via phone)