



Executive Committee Conference Call (May 20, 2003) **Tom Cackler, Center for PCC Pavement Technology**

TPF-5(066) Material and Construction Optimization for Prevention of Premature Pavement Distress in PCC Pavements.

Purpose of Project: To develop optimal mix design and test methods for monitoring Key performance parameters and conduct demonstration tests in participating states.

<http://www.ctre.iastate.edu/pccpoolfund/>

Present:

Tom Cackler
Sandra Larson
Max Grogg
Jenny Balis
Todd Hanson
Jerry Voight
Doug Schwartz
George Woolstrum
Jim Grove

Absent:

John Volker
Dan DeGraaf
Marcia Simon

1. Update on participation

Sandra Larson reported sixteen states are presently participating. Nebraska is the newest state to send in the commitment form. Louisiana has made a commitment but is still looking for the funding. Four or five other states have expressed interest for FY04; we will continue to send them information and hope they will join this next year.

2. Quarterly reports

We began by using a format that has been used for some regular DOT projects, but we will reformat the report to make it more tailored for this project. Jim Grove is basically finished with this and will have it ready this week and copied to the executive committee. The quarterly report will be submitted to the FHWA for their Pooled Fund website and will also be on our Pooled Fund website. Jenny Balis will check on method for getting the quarterly reports added to FHWA website.

There was discussion on distribution of the quarterly report. Members of the executive committee and technical advisory committee will be on the list; members may request others from their state be added to the distribution list, or they may forward a copy as they see fit. Since the quarterly reports will be on the website, others will have access to review them any time they are interested.

Jim Grove is working on the framework for the web page; suggestions are welcome. The web page will house meeting minutes, quarterly reports, and other items as a way to interact and update the status of activities. [<http://www.ctre.iastate.edu/pccpoolfund/>]

3. Status report on project activities

Three main activities

- a) Lab-based work.
 - Scott Schlorholtz is heading it up — working on test matrix, “suite of tests”
 - 3-4 students are working, making mixes, running tests
- b) Field work
 - Jim Grove is involved in data collection and field work
 - First phase in field-work is the survey. Draft survey is done and a sub-contractor needs to be hired to manage the survey on the web page and evaluate the results. The survey will be web-based for easy access and easy reply format. Jim will email the draft survey to the executive committee for their input. Regarding a consultant to hire — Transtec is presently involved with Task 64 and they may be a logical choice. This would likely carry a \$3-4,000 budget. We hope to hire a consultant in the next week or so, and have the survey ready for the website in June.
 - Goal with the survey is to find out what projects had problems in the past 15 years. The survey will gather information on these projects and what solutions were found. Jim Grove and Halil Ceylan a Civil, Construction, and Environmental Engineering professor at Iowa State University will travel around to discuss the problems indicated by the survey, gather information on tests the states are currently using, and review input on the project.
 - Iowa demo project work is scheduled for late August/September. Scott Schlorholtz will have evaluations on the straight forward tests done by then, and have test procedures for the ones being proposed. New tests that need to be developed may need a sub-contractor for development. Time and weather may dictate which projects are begun and where. Missouri has offered to let us come to one of their projects (i.e. winter comes later further south).
- c) Technology Transfer activities
 - A “best practices” manual is the goal for the October 2004 MC² meeting
 - Dale Harrington is heading up this initiative. Document will aim for a user-friendly format, easy for practitioners, superintendents, and field crews to use.
 - Sunneel Vanikar would support using federal earmark funds for manual

4. Development of Administrative Procedures Manual

With the Pooled Fund Study involving many different types of tasks, multiple funding sources, and broad scope of work, an administrative procedures “booklet” is desirable. A draft manual has been written and a draft will be sent to the executive committee for their input before the next conference call (June 12). The manual will contain information on:

- Introduction
- Project organizations and who is responsible for what
 - executive committee
 - technical advisory committee
 - lead state

- PCC Center
- FHWA
- Business management
 - project funding
 - multiple sources on projects
 - subcontracting authority
 - contracting approval
- Reports – communication mechanism
 - monthly meetings with Sandra Larson
 - quarterly progress reports
 - communication with Suneel Vanikar

The Pooled Fund Study is recognized as a good idea for mutual concerns regarding PCC paving and there may be other initiatives similar to this in the future, so a good procedures manual that could be used as a guide will be beneficial.

5. Plans for PCC Center federal appropriation

Tom Cackler and Dale Harrington met with Suneel Vanikar regarding the FY03 federal appropriation. This is the PCC Center's third federal appropriation, and part of that appropriation is being used for the Pooled Fund Study. Tom is working on a plan for the whole appropriation, but funding for two pieces of the Pooled Fund Study will be part of it.

- Technology Transfer: “Best practices” manual — probably about \$300,000 and will likely use a subcontractor with Jim and Dale involved. If possible, industry and federal money will be used for specific tasks on this manual, making administration of funds easier to track.
- Mobile field-lab. A mobile field-lab seems like a good idea and Suneel indicated they might have a used trailer available. Jim and Tom will continue to pursue a mobile field-lab.

A comprehensive budget for overall review and approval is being worked on, along with an overall management plan. Adjustments may need to be made to the original budget, but it doesn't appear any additional money will be needed for this year. This plan will be distributed for input and approval.

Jerry Voight pointed out that a timeline for funding would be beneficial for the industry contributions — how much money and when will it be needed. Tom will work on a matrix for work tasks and funding. It will show a level of effort for each fiscal year and the budget associated with each task.

Jim needs approval from executive committee to hire a contractor for the work on the survey. He will send out the draft survey and ask the executive committee to respond with their comments and their approval.

Future conference calls

<p>All calls will use the same call in number and access code:</p> <p>Call in number: 866-809-4014</p> <p>Access Code: 2945209</p>	<p>Dates are:</p> <p>June 12</p> <p>July 10</p> <p>August 19</p> <p>September 17</p> <p>October 14 — meeting in Ames,</p> <p>October 15-16 — MC² meeting in Ames</p> <p>November 12</p> <p>December 10</p>	<p>All calls:</p> <p>9:00 – 11:00 a.m.</p> <p>(may not need 2 hours)</p>
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