

TRANSPORTATION POOLED FUND PROGRAM QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): IOWA DOT

INSTRUCTIONS:

Project Managers and/or research project investigators should complete a quarterly progress report for each calendar quarter during which the projects are active. Please provide a project schedule status of the research activities tied to each task that is defined in the proposal; a percentage completion of each task; a concise discussion (2 or 3 sentences) of the current status, including accomplishments and problems encountered, if any. List all tasks, even if no work was done during this period.

Transportation Pooled Fund Program Project # TPF-5(159)	Transportation Pooled Fund Program - Report Period: <input type="checkbox"/> Quarter 1 (January 1 – March 31) <input type="checkbox"/> Quarter 2 (April 1 – June 30) <input type="checkbox"/> Quarter 3 (July 1 – September 30) <input checked="" type="checkbox"/> Quarter 4 (October 4 – December 31) 2011	
Project Title: Technology Transfer Concrete Consortium (TTCC)		
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Lead Agency Project ID: RT 0273	Other Project ID (i.e., contract #): Addendum 315	Project Start Date: 1/27/07
Original Project End Date: 6/30/12	Current Project End Date: On-Going*	Number of Extensions: Incremental funding, PFS

*6/30/13 current contract end-date – contract is amended and extended as needs and funds determine.

Project schedule status:

On schedule On revised schedule Ahead of schedule Behind schedule

Overall Project Statistics:

Total Project Budget	Total Cost to Date for Project	Total Percentage of Work Completed
\$551,000	\$339,220	On-going activities

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$35,812		

Project Description:

Increasingly, state departments of transportation (DOTs) are challenged to design and build longer life concrete pavements that result in a higher level of user satisfaction for the public. One of the strategies for achieving longer life pavements is to use innovative materials and construction optimization technologies and practices. In order to foster new technologies and practices, experts from state DOTs, Federal Highway Administration (FHWA), academia and industry must collaborate to identify and examine new concrete pavement research initiatives. The purpose of this pooled fund project is to identify, support, facilitate and fund concrete research and technology transfer initiatives.

The goal of the TTCC is to:

- Identify needed research projects
- Develop pooled fund initiatives
- Provide a forum for technology exchange between participants
- Develop and fund technology transfer materials
- Provide on-going communication of research needs faced by state agencies to the FHWA, industry, and CP Tech Center
- Provide guidance as part of the Track Team for the CP Road Map Mix Design and Analysis Track
- Provide assistance as requested by the CP Road Map Executive Committee on other select tracks as needed

Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):

- Planning for Spring meeting in Oklahoma City, March 27-29; – agenda and registration details: http://www.cptechcenter.org/t2/ttcc_ncc_meeting.cfm
- Planning for a workshop in each of the sponsoring states. States may choose from one of the following workshops.
 - IMCP Manual, Integrated Materials and Construction Practices for Concrete Pavement: (Specific subjects within the manual for emphasis if that is of interest)
 - Concrete Pavement Preservation Training
 - Design and Construction of Concrete Overlays
 - Roller Compacted Concrete
 - Concrete Pavement Surface Characteristics
 - Pervious Concrete Design and Construction
 - Concrete Paving Mixtures (COMPASS Software explanation)
 - Quality in Concrete Paving Process (Quality Assurance Training)
 - Early Age Cracking
 - Cement Based Integrated Pavement Solutions

The Center will arrange for subject matter experts to teach each course and provide all the training materials. The State DOTs will work with local industry representatives to:

1. Select the specific subject for the training
2. Identify the desired date for the training
3. Arrange for the training venue
4. Arrange for meals and breaks (A nominal registration fee for this may be charged.)
5. Identify the training audience (DOT, city, county, industry, consultants) and send out the invitations. The Center will provide a description of the training and a detailed technical agenda. Target approximately 40 to 50 as the desired class size.

Anticipated work next quarter:

- Tech Transfer workshops in sponsoring states
- Spring meeting in Oklahoma City, March 27-29

Significant Results:

Circumstance affecting project or budget (Describe any challenges encountered or anticipated that might affect the completion of the project within the time, scope, and fiscal constraints set forth in the agreement, along with recommended solutions to those problems).