

## 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.*

<b>Transportation Pooled Fund Program Project #</b> TPF-5(159)	<b>Transportation Pooled Fund Program - Report Period:</b> Quarter 1 (January 1 – March 31), 2012 <input checked="" type="checkbox"/> Quarter 2 (April 1 – June 30), 2012 <input type="checkbox"/> Quarter 3 (July 1 – September 30), 2012 <input type="checkbox"/> Quarter 4 (October 4 – December 31), 2012	
<b>Project Title:</b> Technology Transfer Concrete Consortium (TTCC)		
<b>Project Manager:</b> Sandra Larson	<b>Phone:</b> 239-1205	<b>E-mail:</b> Sandra.Larson@dot.iowa.gov
<b>Project Investigator:</b> Tom Cackler	<b>Phone:</b> 294-3532	<b>E-mail:</b> tcackler@iastate.edu
<b>Lead Agency Project ID:</b> RT 0273	<b>Other Project ID (i.e., contract #):</b> Addendum 315	<b>Project Start Date:</b> 1/27/07
<b>Original Project End Date:</b> 6/30/12	<b>Current Project End Date:</b> 6/30/13	<b>Number of Extensions:</b> Incremental funding, PFS

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
\$586,000	\$555,413	On-going activities

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$137,207		

**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

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

- Tech Transfer workshops were held in the following states:
  - Norman, Oklahoma – April 3, 2012
  - Springfield, Illinois – April 5, 2012
  - Columbus, Ohio – April 10, 2012
  - Loveland, Colorado – April 11, 2012
  - King of Prussia, Pennsylvania – April 12, 2012
  - Los Angeles, California – April 30, 2012

## Trainers

Below are the names of the instructors who presented at the 18 workshops in the various states throughout the country.

1. Fares Abdo
2. Gary Fick
3. Rob Rasmussen
4. Peter Taylor
5. Kurt Smith
6. Wouter Gulden
7. Greg Halstead
8. Dale Harrington
9. Jim Grove
10. Tom Van Dam
11. Mike Ayers
12. Mark Snyder

## Training Conducted

The eighteen workshops were conducted from the timeframe of January 24, 2012 through April 30, 2012. There were approximately 1,970 total participants who attended the workshops provided by the training program.

Below is a list showing the states where the training was conducted and the topic that was presented.

Workshop Location	Topic(s) Presented	Date of Workshop
South Falls, South Dakota	Preservation/Overlays/Surf Char	January 24, 2012
Jefferson City, Missouri	RCC	February 6-7, 2012
Stevens Point, Wisconsin	Qa for one day	February 8, 2012
Grand Rapids, Michigan	IMCP Subjects	February 15, 2012
Indianapolis, Indiana	IPS / Qa	February 21, 2012
Concord, North Carolina	RCC/Overlays/Surf Char/Design	February 28, 2012
Montgomery, Alabama	IMCP and PDR/FDR	March 5, 2012
Forest Park, Georgia	IPS / Overlays	March 7, 2012
Mankato, Minnesota	Qa for one day	March 7, 2012
New York, New York	IMCP / Preservation	March 13, 2012
Bismarck, North Dakota	Qs for one day	March 13-14, 2012
Topeka, Kansas	IMCP / Qa	March 22, 2012
Norman, Oklahoma	IMCP	April 3, 2012
Springfield, Illinois	Surf Char / Early Age Cracking	April 5, 2012
Columbus, Ohio	RCC / Preservation / Overlays	April 10, 2012
Loveland, Colorado	Qa for one day	April 11, 2012
King of Prussia, Pennsylvania	IMCP / Overlays	April 12, 2012
Los Angeles, California	IMCP	April 30, 2012

### Anticipated work next quarter:

- Planning for the fall meeting in Seattle, WA in September

### Significant Results:

See [http://www.cptechcenter.org/t2/ttcc\\_ncc\\_meeting.cfm](http://www.cptechcenter.org/t2/ttcc_ncc_meeting.cfm)

**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).**

