

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(313)	Transportation Pooled Fund Program - Report Period: Quarter 1 (January 1 – March 31, 2016) X Quarter 2 (April 1 – June 30, 2016) Quarter 3 (July 1 – September 30, 2016) Quarter 4 (October 1 – December 31, 2016)	
Project Title: Technology Transfer Concrete Consortium (TTCC) TPF-5(313)		
Project Manager: Brian Worrel	Phone: 239-1471	E-mail: brian.worrel@dot.iowa.gov
Project Investigator: Peter Taylor	Phone: 294-9333	E-mail: ptaylor@iastate.edu
Lead Agency Project ID: RT 0273	Other Project ID (i.e., contract #): Addendum 532	Project Start Date: 2/5/15
Original Project End Date:	Contract End Date: 12/31/2016	Number of Extensions: 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
\$568,000	\$333,950.42	NA

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$136,472.33	N/A	N/A

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/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.):

- Training webinars have been held on the following two topics

- Internal Curing; March 9, March 23, April 6
- Introduction to Recycling of Concrete Pavements: April 20, May 4, May 18

The webinars were recorded and are available for download here: <http://www.cptechcenter.org/webinars/>

- DOTs were invited to attend two webinars sponsored by FHWA and presented by the CP Tech Center.

Recordings of the webinars are available: <http://www.cptechcenter.org/webinars/>

- Materials-related Concrete Pavement Distresses on May 11
- Aggregates (Gradation Fundamentals) on May 19 and 31

- The Spring 2016 meeting was held in Columbus, Ohio, on April 26-28th.

Meeting information and presentations are available: <http://www.cptechcenter.org/ncc/TTCC-NCC-2016a.cfm>

- An executive committee conference call was held on June 9 to discuss the agenda for the Fall 2016 TTCC states meeting and participation at the ICCP Conference in San Antonio, as well as to begin plans for the Spring 2017 meeting in Salt Lake City. Proposed dates for the Utah meeting are April 25-27 or April 4-6.

Anticipated work next quarter:

- The Fall 2016 meeting will be held in August in San Antonio, in conjunction with the 11th International Conference on Concrete Pavements (ICCP). Information on ICCP is available:

<https://www.concretepavements.org/11thConf/>

- The TTCC reps will actively participate in a technology transfer activity. Examples of participation include: paper presentation, session moderator, workshop speaker, or poster presentation. A sign-up is being circulated to assign the participation activity to each of the TTCC attendees.

Significant Results:

See <http://www.cptechcenter.org/ncc/TTCC-NCCMeetings.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).

TTCC TPF 5(313) TAC members are meeting attendees from the 30 member states. Attendance varies by meeting.

	TTCC States TPF 5(313)	Number of Representatives
1	Alabama	2
2	California	1
3	Colorado	2
4	Florida	2
5	Georgia	2
6	Idaho	2
7	Illinois	2
8	Indiana	3
9	Iowa	2
10	Kansas	2
11	Louisiana	2
12	Michigan	2
13	Minnesota	2
14	Missouri	1
15	Montana	2
16	Nebraska	1
17	Nevada	1
18	New York	1
19	North Carolina	2
20	North Dakota	1
21	Ohio	2
22	Oklahoma	2
23	Pennsylvania	1
24	Rhode Island	1
25	S Dakota	2
26	Tennessee	2
27	Texas	2
28	Utah	1
29	Washington	1
30	Wisconsin	1