

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: <input checked="" type="checkbox"/> Quarter 1 (January 1 – March 31, 2016) <input type="checkbox"/> Quarter 2 (April 1 – June 30, 2016) <input type="checkbox"/> Quarter 3 (July 1 – September 30, 2016) <input type="checkbox"/> 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 extension requested	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	\$197,478.09	NA

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$21,546.92	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 Internal Curing; March 9, March 23, April 6
 - Download of recorded webinar available: <http://www.cptechcenter.org/ncc/TTCC-NCCPublications.cfm#webinars>
- Webinar on Recycling is scheduled for April 20, May 4, May 18
- Two webinars sponsored by FHWA and presented by the CP Tech Center are being advertised to TTCC members.
 - Materials-related Concrete Pavement Distresses
 - Aggregates (Gradation Fundamentals)
- The Spring meeting will be in Columbus, Ohio; April 26-28th.
 - Agenda and registration is available at: <http://www.cptechcenter.org/ncc/TTCC-NCCMeetings.cfm>

Anticipated work next quarter:

- The Spring meeting will be at the Hyatt Regency in Columbus Ohio in April
- 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 TAC committee: (Reps as per TPF website are noted with *)

Andrew	Waldrop*	AL	Will	Lindquist*	KS	Wally	Heyen*	NE	Mark	Felag	RI
Shannon	Golden	AL	Rodney	Montney	KS	Lieska	Halsey	NE	Christophe	Hart	RI
Bill	Farnbach	CA	Dave	Meggers	KS	Darin	Tedford*	NV	Darin	Hodges*	SD
Mehdi	Parvini	CA	Jennifer	Distlehorst	KS	W	Young		Jason	Smith	SD
Eric	Prieve	CO	Randy	Billinger	KS	Michele	Maher	NV	Chris	Leibrock	SD
Gary	DeWitt	CO	John	Eggers	LA	Kelly	Yokotake	NV	Harvey	Fitzgerald	SD
Rhonda	Taylor*	FL	Harold	Paul*	LA	Vivekanant	Yatheepan	NV	Jamie	Waller	TN
Bouzid	Choubane*	FL	Tyson	Rupnow	LA	Bill	Cuerdon*	NY	Heather	Purdy	TN
Michael	Bergin	FL	Zachary	Collier	LA	Nilesh	Surti*	NC	Andy	Naranjo*	TX
Jay	Page*	GA	John	Staton*	MI	Richard	Burley	NC	Hua	Chen	TX
Jason	Waters	GA	Tim	Stallard	MI	Jessica	Earley	NC	Ruben	Carrasco	TX
Clint	Hoops	ID	Andy	Bennett	MI	Clayton	Schumaker	ND	Rachel	Cano	TX
John	Arambarri	ID	Maria	Masten*	MN	Craig	Landefeld*	OH	Bryan	Lee	UT
James	Krstulovich	IL	Tom	Burnham	MN	Dan	Miller	OH	Scott	Andrus*	UT
Matt	Mueller*	IL	Brett	Trautman*	MO	Kenny	Seward*	OK	W	Pope	UT
Tommy	Nantung*	IN	Matt	Collingwood	MT	Matt	Romero	OK	Jeff	Uhlmeyer	WA
Tony	Zander	IN	Matthew	Needham	MT	Jeff	Dean	OK	Mark	Russell	WA
Todd	Hanson*	IA	Susan	Sillick	MT	Steve	Koser*	PA	Kim	Willoughby*	WA
Peggi	Knight	IA	Matthew	Strizich	MT	Neal	Fannin	PA	David	Luhr	WA
Kevin	Merryman	IA	Paul	Bushnell	MT	Josh	Freeman	PA	Amir	Ahmadi	WA
						Seth	Wolfinger	PA	Jim	Parry	WI
		KS							Chad	Hayes*	WI