

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(437)	Transportation Pooled Fund Program - Report Period: X Quarter 1 (January 1 – March 31, 2020) Quarter 2 (April 1 – June 30, 2020) Quarter 3 (July 1 – September 30, 2020) Quarter 4 (October 1 – December 31, 2020)	
Project Title: Technology Transfer Concrete Consortium (TTCC) TPF-5(437)		
Project Manager: Khyle Clute	Phone: 239-1471	E-mail: khyle.Clute@dot.iowa.gov
Project Investigator: Steve Tritsch	Phone: 294-3781	E-mail: stritsch@iastate.edu
Lead Agency Project ID:	Other Project ID (i.e., contract #): Addendum 732	Project Start Date: 2/5/20
Original Project End Date:	Contract End Date: 12/31/2025	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
		NA

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
	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
-

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

- Time was spent planning for the 2020 Spring meeting that was to be held March 31-April 2 in Nashville, TN.
- Agenda and other details can be found at <https://cptechcenter.org/national-concrete-consortium-meetings/>
- Solicitation for the continuation of the pooled fund project continues, TFP-5(437)
- Spring meeting was postponed until April 2021 due to Covid-19. No cancellation fees for postponement.
- The fall meeting in conjunction with ISCP international conference is still scheduled
- TTCC reps web call was held on March 31st to discuss the fall meeting requirements for reps participation
 - TTCC state rep meeting will be Monday, August 31 at 1:00.
 - State rep participation in the following activities will be necessary for the pooled fund to participate in the international conference.
 - Speaker
 - Moderator
 - Paper
 - Poster Session - Wednesday
 - Workshop - Tuesday
 - Survey regarding participation and lessons learned for TTCC reps
 - A web meeting will be scheduled following the conference to discuss lessons learned and suggested topics for Spring or subsequent meetings
- Motion to postpone the Spring meeting's executive committee elections to Spring 2021 was made, seconded and approved. All present members will have an additional year added to their term.

Anticipated work next quarter:

- E-news and MAP Brief will be published during the next quarter.

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). N/A

There are 33 TTCC TPF 5(437) TAC member states. Representative attendance varies by meeting.

State & # of Reps		State & # of Reps		State & # of Reps		State & # of Reps		State & # of Reps	
Alabama	2	California	3	Colorado	1	Florida	2	Georgia	4
Idaho	2	Illinois	2	Indiana	4	Iowa	2	Kansas	4
Kentucky	2	Massachusetts	2	Michigan	2	Minnesota	2	Missouri	1
Montana	2	Nebraska	2	Nevada	2	New York	2	North Carolina	2
North Dakota	1	Ohio	2	Oklahoma	2	Oregon	1	Pennsylvania	1
South Carolina	s	Tennessee	2	Texas	1	Utah	1		
Washington	1	West Virginia	1	Wisconsin	1	Wyoming	1		