

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, 2021) <input type="checkbox"/> Quarter 2 (April 1 – June 30, 2021) <input type="checkbox"/> Quarter 3 (July 1 – September 30, 2021) <input type="checkbox"/> Quarter 4 (October 1 – December 31, 2021)	
Project Title: Technology Transfer Concrete Consortium (TTCC) TPF-5(313)		
Project Manager: Khyle Clute	Phone: 239-1471	E-mail: Khyle.Clute@dot.iowa.gov
Project Investigator: Steve Tritsch	Phone: 294-8103	E-mail: stritch@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: 8/31/2021	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
\$2,000,000	\$1,785,591.06	NA

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$136,944.06	N/A	N/A

Project Description:

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.):

- All work on this pooled fund project, except for the 5 syntheses is being done under TPF-5(437)
 - Shrinkage & Crack Free Bridge Decks: Jason Weiss
 - Pavement ME Upgrades: Georgene Geary
 - Maintaining Smoothness: Jerod Gross
 - Fast Setting Patching Materials: Tyler Ley
 - Dowel Testing: Mark Snyder/ ACPA

Dowel Design/Testing - Jerry Voigt/Mark Snyder

Progress this quarter: Work continued with data analysis in preparation for PowerPoint presentation with project summary at the Spring NCC conference in April.

Anticipated work next quarter: A presentation to the NCC in April 2021; PPT will be available on the NCC website. Draft final report will be submitted. Final report will be submitted August 2021.

Pavement ME Upgrades – Georgene Geary

Progress this quarter: Work continued with writing of draft report and preparation of PowerPoint presentation with project summary at the Spring NCC conference in April.

Anticipated work next quarter: A presentation to the NCC in April 2021; PPT will be available on the NCC website. Draft final report will be submitted. Final report will be submitted August 2021.

Guidance on Shrinkage & Crack Free Bridge Decks – Jason Weiss

Progress this quarter: Work continued with background information and writing. Envisioning PowerPoint presentation with project summary for the Spring NCC conference in April.

Anticipated work next quarter: A presentation to the NCC in April 2021; PPT will be available on the NCC website. Draft final report will be submitted. Final report will be submitted August 2021.

Maintaining Smoothness – Jerod Gross

Progress this quarter: Interviews mostly done with a few exceptions that will require follow-up. Work is progressing to the point where a PowerPoint presentation with project summary will be developed for the Spring NCC conference in April.

Anticipated work next quarter: A presentation to the NCC in April 2021; PPT will be available on the NCC website. Draft final report will be submitted. Final report will be submitted August 2021.

Fast Setting Patching Materials – Tyler Ley

Progress this quarter: Work continued with interviews and assisted with the development of a survey for the NC² group to be conducted as part of the Spring meeting. Writing is progressing on the draft report. Began thought process for developing the PowerPoint presentation with project summary at the Spring NCC conference in April.

Anticipated work next quarter: A presentation to the NCC in April 2021; PPT will be available on the NCC website. Draft final report will be submitted. Final report will be submitted August 2021.

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 34 TTCC TPF 5(313) 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	1	Colorado	2	Florida	2	Georgia	4
Idaho	2	Illinois	2	Indiana	4	Iowa	2	Kansas	4
Louisiana	2	Massachusetts	2	Michigan	2	Minnesota	2	Missouri	1
Montana	2	Nebraska	1	Nevada	1	New York	1	North Carolina	2
North Dakota	2	Ohio	2	Oklahoma	3	Pennsylvania	1	South Carolina	2
South Dakota	2	Tennessee	2	Texas	2	Texas	2	Utah	1
Washington	1	West Virginia	1	Wisconsin	1	Kentucky	2	Massachusetts	2
Oregon	1								