

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: XQuarter 1 (January 1 – March 31, 2022) Quarter 2 (April 1 – June 30, 2022) Quarter 3 (July 1 – September 30, 2022) Quarter 4 (October 1 – December 31, 2022)	
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: 5/31/2022	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
\$2,114,000	\$2,024,652	NA

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$76,328	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
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Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):

- Work remaining on this pooled fund project are the 5 syntheses and training
 - 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
- Copies of the PPTs from presentations on the projects are available on the NCC website: <https://cptechcenter.org/nc2-meetings/>
- Reports on recommendations will be presented at the Spring NCC meeting.
- Final reports are available on the NCC webpage and InTrans
- Mark Snyder has been given an additional \$32,950 to validate the recommendations of the previous research concerning the modified test protocol (i.e., that reducing the load levels, changing the support condition and moving the load rather than the specimen will produce load-deflection behavior in standard dowel groups that is similar to that of a single standard dowel when tested according to Secion 5 of AASHTO T253). His final report will be submitted prior to May, 2022

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