

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 #	Transportation Pooled Fund Program - Report Period: Quarter 1 (January 1 – March 31) X Quarter 2 (April 1 – June 30) Quarter 3 (July 1 – September 30) Quarter 4 (October 4 – December 31)	
Project Title: Management of the TTCC Program TPF-5(544)		
Project Manager: Khyle Clute	Phone: 239-1471	E-mail: khyle.Clute@iowadot.us
Project Investigator: John Adam	Phone: 294-7323	E-mail: jfadam@iastate.edu
Lead Agency Project ID:	Other Project ID (i.e., contract #): Addendum 922	Project Start Date: January 1, 2025
Original Project End Date: December 31, 2029	Project End Date: 12/31/29	Number of Extensions:

☒ 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
\$434,000	\$188,630	10

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$162,152		10

Project Description:

TPF Program Standard Quarterly Reporting Format –12/2012

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.):

- Spring meeting was held at the Hilton Rosemont (Chicago), April 8-10, 2025.
- Travel and all meeting arrangements were done and reimbursements have been processed following the meeting.
- There were 174 registrants for the NCC conference; 72 DOT reps from 29 state DOTs
- The agenda and presentations are available at: <https://www.cptechcenter.org/events/spring-2025-national-concrete-consortium/>
- A workshop, **Implementing Next Generation Cementitious Materials Workshop**, was held Day 3.
- Planning for the Fall meeting which will be held in Springfield, Mass, Sept. 9-11.
- Publishing of MAP Brief: Utilizing the Maturity Method for Early Opening of Concrete Pavements: https://www.intrans.iastate.edu/wp-content/uploads/2025/04/maturity_method_for_concrete_pvmt_early_opening_spring_2025_MB.pdf

Anticipated work next quarter:

- Planning for the Fall meeting which will be held in Springfield, Mass, Sept. 9-11.
- Publishing of E-news/MAP Brief: <https://www.cptechcenter.org/events/fall-2025-national-concrete-consortium/>

Significant Results:

- See website: