

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(544)		Transportation Pooled Fund Program - Report Period: X Quarter 1 (January 1 – March 31) 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: Dan King		Phone: 689-6879	E-mail: deking@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
\$489,000	\$591,220	10

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$207,389		10

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.):

- CP Tech Center staff completed preparations for the Spring 2026 National Concrete Consortium (NC²) and TTCC TAC Meeting, which will be held at the Westin San Diego Bayview in San Diego, CA, from April 7th to 9th. Travel arrangements were finalized for all TTCC representatives attending the meeting.
- The dates and locations of the Fall 2026 meeting were finalized. It will be held at the Westin Crown Center in Kansas City, MO, from September 29th to October 1st.
- The executive committee held several virtual meetings and made significant progress on planning the agenda for the Fall meeting. In addition to technical presentations, the Fall meeting will feature the options to tour either a cement plant or lightweight aggregate production facility, as well as a 1/2-day workshop on non-destructive testing.
- Publication of the Winter Winter 2026 MAP Brief, SPS-2 Test Sections of the Long-Term Pavement Performance (LTPP) Program: https://www.intrans.iastate.edu/wp-content/uploads/2026/02/SPS-2_test_sect_of_the_LTPP_progam_winter_2026_MB.pdf

Anticipated work next quarter:

- The Spring 2026 meeting will be held and completed, including elections of new executive committee members.
- CP Tech Center staff will complete all travel reimbursements for the TTCC representatives who attended the Spring meeting.
- The executive committee will meet to continue planning the Fall 2026 meeting in Kansas City.
- Publication of e-news and a Spring MAP Brief, which will be authored by Jerod Gross on partial-depth repair of concrete pavements.

Significant Results:

- See website: <https://www.cptechcenter.org/national-concrete-consortium/>