

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(233)	Transportation Pooled Fund Program - Report Period: x Quarter 1 (January 1 – March 31, 2016) Quarter 2 (April 1 – June 30, 2016) Quarter 3 (July 1 – September 30, 2016) Quarter 4 (October 1 – December 31, 2016)	
Project Title: Technology Transfer Intelligent Compaction Consortium (TTICC)		
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Lead Agency Project ID: RT 0347	Other Project ID (i.e., contract #): Addendum 385	Project Start Date: 8/6/10
Original Project End Date: 3/15/14	Current Project End Date: 06/30/2016	Number of Extensions: Ongoing pooled fund; interim budgets

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
\$349,000	\$332,007.96	ongoing

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$10,107.93		

Project Description:

Increasingly, state departments of transportation (DOTs) are challenged to design and build longer life 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 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 and emerging technologies and systems. The purpose of this pooled fund project is to identify, support, facilitate and fund intelligent compaction research and technology transfer initiatives.

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

- A draft version of the 2015 workshop report for submitted to TAC for review on February 17, 2016.
- A web meeting was held with the TTICC participating state representatives on February 18, 2016. The meeting was attended by 18 participants. The minutes are attached.
- The web meeting included updates on different participating state DOT activities on IC projects, brief review of the 2015 workshop report, review IC 101 video statistics, updates on case histories, and project schedule and funding aspects.
- After receiving feedback from the TAC, a final version of the 2015 workshop report was posted on the CEER-TTICC website early March. <http://ceer.iastate.edu/news/#12>.
- The TAC was presented with three options for continuation/future of the TTICC project in the web meeting:
 - Option 1: Wrap up current TPF June 2016 and not continue.
 - Option 2: Reinstate TTICC scope under new TPF number (because longer than 5 yrs)
 - Option 3: New TPF with broader scope to focus on implementation of pavement foundation mechanistic design/assessment with IC as important element for QC/QA. Perhaps with focus on specification development and training workshops.
- Most participating states have opted for either options 2 or 3 or a combination of both. One state DOT opted for option 1. Next conference call is being scheduled for early to mid June to discuss steps forward. CEER will redraft a new problem statement for options 2 and 3 for review by the TAC members during the June meeting.

Anticipated work next quarter:

- Finish tech briefs.
- Updates to TTICC web page.
- Develop new problem statements.

Significant Results:

- TTICC 2015 meeting workshop report.
- IC workflow process (included in the workshop report).
- Updates to webpage.

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).

TAC committee (updated 7/1/15):

Representing	Name	Organization	Email
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