

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: Quarter 1 (January 1 – March 31) Quarter 2 (April 1 – June 30) Quarter 3 (July 1 – September 30) X Quarter 4 (October 4 – December 31), 2012	
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: 06/30/2014	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
\$249,000	\$105,252	ongoing

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$48,123		

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 face-to-face meeting was held on October 2-3, 2012, at the Central Iowa Expo Site, in Boone, Iowa. The meeting involved demonstrations with Sakai and Caterpillar IC rollers and hands-on-experience to all participants with the operation of the rollers and in situ FWD and LWD testing equipment. The meeting was recorded by Demonstratives, Inc., and participants were interviewed during the meeting to develop content for the IC101 video.
- Additional interviews were taken from some Iowa DOT personnel, after the meeting, to develop content for the IC101 video.
- A web meeting was held in November with TTICC members. The meeting was conducted to review and discuss IC specifications developed by FHWA and DRAFT versions of SHRP R07 performance specifications, and update on IC101 videos. These specifications were sent out to the team for review and comments.

Anticipated work next quarter:

- IC101 video completion
- Developing five TTICC IC briefs.

Significant Results:

- Developing content for the IC 101 video and working on several versions of the video to develop a high-quality 5-min video.

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).

None