

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: <input type="checkbox"/> Quarter 1 (January 1 – March 31) <input checked="" type="checkbox"/> Quarter 2 (April 1 – June 30) <input type="checkbox"/> Quarter 3 (July 1 – September 30) <input type="checkbox"/> Quarter 4 (October 4 – December 31)	
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:	Number of Extensions:

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
\$415,000	\$31,295	On-going

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$8,528		

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.):

An online webinar was conducted on June 7, 2011. The webinar included state DOT briefings on IC related activities, discussion on future meetings (in person, or on-line, or on a project, etc.), review of Fall 2010 workshop outcomes, and review of draft IC case history summaries, Iowa DOT Phase I/II IC implementation project findings, SHRP2R02 Compaction Roadeo project, NCHRP 10-84 modulus based construction specification (by Prof. Soheil Nazarian by University of Texas, El Paso).

Anticipated work next quarter:

Following activities are planned for the next quarter:

- Complete three new IC briefs.
- Meetings/workshops: A conference call will be schedule for early fall and the next workshop for early March 2012.
- David White participated in the final web-meeting to wrap up the FHWA lead IC pooled fund study.

Significant Results:

- Three new IC briefs were prepared this quarter: (a) Iowa US218—HMA Resurfacing—Aug-Sept2009, (b) Minnesota TH64—Unbound Materials—Summer 2006, and (c) Mississippi US 84—Untreated and Cement Treated Granular Materials—July 2009
- A high level IC presentation was prepared for state DOT use to provide background info to other in organization. The presentation is being pre-recorded as one version and will be posted on the website: www.ceer.iastate.edu

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).