

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 checked="" type="checkbox"/> Quarter 1 (January 1 – March 31, 2013) Quarter 2 (April 1 – June 30, 2013) Quarter 3 (July 1 – September 30, 2013) Quarter 4 (October 4 – December 31, 2013)	
Project Title: Technology Transfer Intelligent Compaction Consortium (TTICC)		
Project Manager: Steve Megivern	Phone: 239-1936	E-mail: stephen.megivern@iowa.dot.gov
Project Investigator: David White Pavana Vennapusa	Phone: 294-1463 294-2395	E-mail: djwhite@iastate.edu pavanv@iastate.edu
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	\$134,209	ongoing

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$28,958		

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.):

- The video being developed in partnership with Demonstratives, Inc., is about 90% done and contains animations, actual operations, interviews, examples of data and voice with music.
- The complete script is nearly completed and will be sent to TAC for their review and comment prior to finalization.
- 12 Case Histories have been completed and are posted on CEER Website. An additional 14 are proposed.
- A loan agreement was developed with CAT prototype roller and plans to set a schedule for it to be used in TTICC states.

Anticipated work next quarter:

- IC101 video completion by the end of April.
- Script will be sent to TAC before final submission of video.
- 5 additional Case Histories will be completed and posted on CEER Website.
- A roller loan schedule will be established.
- ISU will look into the possibility of getting an HMA roller for loan to the TTICC states.

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

A teleconference is scheduled for April 11, 2013.

TAC members include:

1. Bill Stone, MoDOT
2. Craig Landefeld, Ohio DOT
3. Daniel Clark, PennDOT
4. David Hunsucker, Kentucky Trasnp Center
5. David White, Iowa DOT
6. Jed Peters
7. Jeff Schmitt
8. Judy Ryan, WisDOT
9. Mark Dunn, Iowa DOT
10. Melissa Serio, Iowa DOT
11. Pavana Vennapusa, Iowa DOT
12. Peggi Knight, Iowa DOT
13. Steve Megivern, Iowa DOT
14. Ian Rish, GA DOT