

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, 2013) Quarter 2 (April 1 – June 30, 2013) <input checked="" type="checkbox"/> 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	\$158,454.76	ongoing

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$7,022.75		

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.):

- One new draft Case History (MO Hwy 141-Embankment, Box Culvert, and MSE Wall Fill-August 2010) was finalized during this quarter.
- Progress has been made on the video content and script with Demonstratives, Inc.
- The CAT CS74 roller obtained under a loan agreement has been used on the Central Iowa Expo site as part of an on-going Iowa DOT research project and is currently being used by a contractor on an earthwork embankment construction project in Des Moines, Iowa.

Anticipated work next quarter:

- IC101 video completion by the end of the quarter.
- 5 additional Case Histories.
- Working on roller loan agreement with contractor working on Georgia DOT project
- ISU will look into the possibility of getting an HMA roller for loan to the TTICC states.
- Web meeting to plan future workshop agenda and location.
- Continue to update the TTICC website with new content.

Significant Results:

- Finalizing a new Case History draft.
- Using the CAT roller on two sites in Iowa and working on schedule to loan for other sites.
- Refining content for the IC 101 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).

Note on the budget: Through FY14 there is \$371,000 available; ISU has contracted for \$249,000. The budget will be discussed at the November web meeting. The video budget will require additional funding due to increased scope and the next face-to-face meeting workshop and location will determine key budget decisions.

TAC committee:

California	Peter Vacura	Caltrans	peter.vacura@dot.ca.gov
	Haniel Chung	Caltrans	haniel.chung@dot.ca.gov
	James Lee	Caltrans	james_n_lee@dot.ca.gov
Georgia	Ian Rish	Georgia DOT	irish@dot.ga.gov
	Georgene Geary	Georgia DOT	ggeary@dot.ga.gov
	Alfred Casteel	Georgia DOT	acasteel@dot.ga.gov
Iowa	Stephen Megivern	Iowa DOT	stephen.megivern@dot.iowa.gov
	Melissa Serio	Iowa DOT	melissa.serio@dot.iowa.gov
	Mark Dunn	Iowa DOT	mark.dunn@dot.iowa.gov
	Peggi Knight	Iowa DOT	peggi.knight@dot.iowa.gov
	Linda Narigon	Iowa DOT	linda.narigon@dot.iowa.gov
	Jeffrey Schmitt	Iowa DOT	jeffrey.schmitt@dot.iowa.gov
Kentucky	Adam Ross	KyDOT	adam.ross@ky.gov
	David Hunsucker	Univ Ky	David.Hunsucker@uky.edu
	Clark Graves	Univ Ky	clark.graves@uky.edu
	Brad Rister	Univ Ky	brister@engr.uky.edu
	Kean Ashurst	Univ Ky	kashurst@engr.uky.edu
Missouri	William Stone	MoDOT	william.stone@modot.mo.gov
	Kevin McLain	MoDOT	kevin.mclain@modot.mo.gov
Ohio	Craig Landefeld	OhDOT	Craig.Landefeld@dot.state.oh.us
	Jill Martindale	OhDOT	jill.martindale@dot.state.oh.us
Pennsylvania	Daniel Clark	PennDOT	danielclar@pa.gov
	Lisa Tarson	PennDOT	ltarson@pa.gov
Utah	Brent Gaschler	Utah DOT	bgaschler@utah.gov
	Scott Andrus	Utah DOT	scottandrus@utah.gov
	Daniel Hsiao	Utah DOT	dhsiao@utah.gov
Virginia	Edward Hoppe	VaDOT	edward.hoppe@vdot.virginia.gov
Wisconsin	Judith Ryan	WiDOT	judith.ryan@dot.wi.gov
	Jed Peters	WiDOT	jed.peters@dot.wi.gov