

TRANSPORTATION POOLED FUND PROGRAM QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): Iowa Department of Transportation

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(232)	Transportation Pooled Fund Program - Report Period: Quarter 1 (January 1 – March 31, 2016) Quarter 2 (April 1 – June 30, 2016) <input checked="" type="checkbox"/> Quarter 3 (July 1 – September 30, 2016) Quarter 4 (October 1 – December 31, 2016)	
Project Title: Investigation of the Impact of Implements of Husbandry on Bridges		
Project Manager: Ahmad Abu-Hawash Phone: (515) 239-1393 E-mail: ahmad-hawash@dot.iowa.gov		
Project Investigator: Terry Wipf Phone: (515) 2949-6979 E-mail: tjwipf@iastate.edu		
Lead Agency Project ID: RT0360	Other Project ID (i.e., contract #): Addm 399	Project Start Date: 05/15/2011
Original Project End Date: 05/31/2016	Current Project End Date: 01/31/2017	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
\$285,000	\$161,698.07	62%

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$31,519.47		5%

Project Description:

This project will seek to understand how implements of husbandry impact the nation's bridges. Further, tools for completing bridge rating with these vehicles in mind will be developed. Additionally, a generic posting vehicle will attempt to be developed. This generic posting vehicle will allow rating engineers to post bridges in such a way that the various types of vehicles will be covered.

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

A TAC meeting was held on 9/27/2016 to discuss the observations, conclusions, and recommendations made from this research project. The contents and progress of final report was also reported and discussed.

The final report has three volumes. Volume I is focused on Live Load Distribution Factor and Dynamic Load Allowances. Volume II is focused on Rating and Posting Recommendations. Volumes III is the Appendices that document the detailed information of tested bridges, Husbandry Implement Inventory, Bridge Inventory, and survey responses.

Volume I and Volume III are almost done, and we are working on Volume II now.

Anticipated work next quarter:

We are planning to submit the first draft for TAC review once it is ready. After all comments are addressed, the final report will be delivered.

Significant Results:

No significant results to report at this point in time.

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).

No