

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: X Quarter 1 (January 1 – March 31, 2015) Quarter 2 (April 1 – June 30, 2015) Quarter 3 (July 1 – September 30, 2015) Quarter 4 (October 1 – December 31, 2015)	
Project Title: Investigation of the Impact of Implements of Husbandry on Bridges			
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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: 5/31/2016	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	\$119,751.30	58%

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$430.43		1%

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.):

This quarter, as directed by the TAC, we began an investigation of the impact of implementing the AV notional vehicles. This effort involved the estimation of the load rating/posting that would result if one were to use the AV vehicles. The results of this preliminary indicate that the AV notional vehicles will have more restrictive weight limits on shorter span bridges - unfortunately, the ones where implements of husbandry are most likely to be. In the following quarter we will be investigating the relationship between the AV vehicles and other legal vehicles to see if, perhaps, one of those vehicles will control over the AV vehicles.

Anticipated work next quarter:

In the next quarter, we plan to continue studying the impact of implementing the AV notional vehicles by comparing the posting associated with AV vehicles to that from the Type 4 vehicle.

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).

Nothing to report.