**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(169)* | **Transportation Pooled Fund Program - Report Period:** Quarter 1 (January 1 – March 31, 2013) Quarter 2 (April 1 – June 30, 2013) Quarter 3 (July 1 – September 30, 2013) X Quarter 4 (October 4 – December 31, 2013) |
| **Project Title: Field Monitoring of Curved Girder Bridges with Integral Abutments** |
| **Project Manager: Phone: E-mail:**Ahmad Abu-Hawash 515-239-1393 ahmad.abu-hawash@dot.iowa.gov |
| **Project Investigator: Phone: E-mail:**Brent Phares 515-294-5879 bphares@iastate.edu |
| **Lead Agency Project ID:**RT 281 | **Other Project ID (i.e., contract #):**Addendum 323 | **Project Start Date:** 6/01/08 |
| **Original Project End Date:** 5/31/13 | **Current Project End Date:**11/30/13 | **Number of Extensions:** |
|  |  |  |

Project schedule status:

X 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** |
| $354,982 | $355,966.85 | 100% |
|  |  |  |
|  |  |  |

***Quarterly*** Project Statistics:

|  |  |  |
| --- | --- | --- |
|  **Total Project Expenses** **This Quarter** |  **Total Amount of Funds**  **Expended This Quarter** | **Percentage of Work Completed** **This Quarter** |
| $6,549.66 | N/A | 4% |

**Project Description:**

* Group 1 – Information Collection
	+ Form TAC
	+ Survey of available technologies
	+ Review of available engineering literature
	+ Inspect existing curved and chorded curved girder bridges
* Group 2 – Collect and Analyze Data on the Performance of Five or More Bridges
	+ Finalize an instrumentation plan
	+ Monitor and analyze behavior of bridges for two thermal cycles
	+ Develop and Validate simple analytical models
* Group 3 – Develop Project Conclusions and Recommendations
	+ Establish a meeting with TAC
	+ Submit final report

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

The final report was submitted and comments received.

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**Anticipated work next quarter:**

In the next quarter, we will address the comments received and submit the final version.

**Significant Results:**

See above.

**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 problems have been encountered in this quarter.