

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 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(290)		Transportation Pooled Fund Program - Report Period: X Quarter 1 (January 1 – March 31, 2017) Quarter 2 (April 1 – June 30, 2017) Quarter 3 (July 1 – September 30, 2017) Quarter 4 (October 1 – December 31, 2017)	
Project Title: Aurora Program			
Project Manager: Tina Greenfield		Phone: 515-233-7746	E-mail: tina.greenfield@dot.iowa.gov
Project Investigator: Neal Hawkins		Phone: 515-294-7733	E-mail: hawkins@iastate.edu
Lead Agency Project ID: RT 0034	Other Project ID (i.e., contract #): Addendum 156	Project Start Date: January 1, 2013	
Original Project End Date: May 31, 2019	Current Project End Date: – May 31, 2019	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
\$1,075,000	\$65,501.28	

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$10,132.32	N/A	

Project Description:

The Aurora Program is a consortium of public agencies focused on collaborative research, evaluation, and deployment of technologies for detailed road weather monitoring and forecasting. Members seek to implement advanced road weather information systems (RWIS) that fully integrate state-of-the-art roadway and weather forecasting technologies with coordinated, multi-agency weather monitoring infrastructures; ultimately lessening adverse impacts of inclement weather.

Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.). These efforts are identified below.

Program Administrative Activities:

- Planning and executing hotel agreement for Spring Meeting in April (Salt Lake City, UT)
- Addressed all board correspondence, administrative items resulting from meetings
- Provided program management in terms of projects and program budgets
- Finalized board meeting agenda and overall preparation for Spring meeting
- Reviewing invoices at InTrans

Facilitate Meetings and Conference Calls:

- Developed all work materials for the Fall 2016 Board Meeting
- Secured all details for the Spring meeting
- Arranged for presentations by FHWA at Spring meeting
- Members of 2017 National Winter Maintenance Peer Exchange planning committee
- Selected hotel and negotiating contract for 2017 Peer Exchange

Processing Travel Requests, Travel Reimbursements, and Meeting Expenses:

- Processing all flights and travel arrangements for the Spring meeting

Project-Specific Activities:

- Tracking project status
- Significant efforts to track all past projects, secure clean copies of final reports or where no final report was produced developing effort summaries
- Developing a database of current and past projects which will populate the Aurora web site
- Completion of two projects
- Executing scope for one project

Outreach and Membership:

- Developed presentations for two different TRB committees
- Added Delaware as a new Aurora member
- Working with Arizona to become a new Aurora member
- Working with Illinois, Virginia, and New York to continue membership given retirement of champion staff

Anticipated work next quarter:

Program Administrative Activities:

- Spring Board Meeting
- Finalized work plan
- Descriptions for all previous and current projects for the web page

Facilitate Meetings and Conference Calls:

- Process expenses from Spring meeting
- Facilitate project correspondence and status reports
- Share and summarize materials and presentations from the on-site meeting
- Board call
- Continued planning efforts for 2017 National Peer Exchange

Processing Travel Requests, Travel Reimbursements, and Meeting Expenses:

- Coordinate travel for Aurora to the Peer Exchange

Project-Specific Activities:

- Project updates for each project and research team
- Track project status with champions and team members
- Track project timelines and distribute project materials
- Update project status reports
- Develop scopes for new projects

Outreach and Membership:

- Updated membership roster
- Communications with states to renew
- Communications with potential new states

Significant Results:

- Secured national level speakers and participation for Spring meeting
 - National Severe Thunderstorm Lab
 - NOAA Federal
- Secured tour and discussion with UDOT Avalanche Center personnel for Spring meeting

Circumstance affecting project or budget:

