

**TRANSPORTATION POOLED FUND PROGRAM
QUARTERLY PROGRESS REPORT**

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

INSTRUCTIONS:

Transportation Pooled Fund Program Project # TPF-5(231)	Transportation Pooled Fund Program - Report Period: <input type="checkbox"/> Quarter 1 (January 1 – March 31) <input type="checkbox"/> Quarter 2 (April 1 – June 30) <input type="checkbox"/> Quarter 3 (July 1 – September 30) <input checked="" type="checkbox"/> Quarter 4 (October 1 – December 31)	
Project Title: ITS Pooled Fund Program (ENTERPRISE)		
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Lead Agency Project ID:	Other Project ID (i.e., contract #): 2010-0316	Project Start Date: January 2010
Original Project End Date: September 2012	Current Project End Date: September 2016	Number of Extensions: 4

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
\$2,200,000 (5 year estimated budget, final Budget dependent on member contributions)	\$1,640,866	74.6%

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$63,567	\$63,567	3%

Project Description:

The ENTERPRISE Pooled Fund Program performs technical projects to serve the needs of the member agencies. Currently, 16 member agencies participate in the ENTERPRISE Pooled Fund. Each year, the members identify current needs of their organization that they feel are most suited to be addressed by pooled fund projects. After identifying candidate projects, the members discuss and ultimately vote to elect the projects to be included in the year's Work Plan. Technical projects are then performed to execute the projects and address member needs. Overall, three high level tasks are performed:

- **Management support** to the program, the lead state, and to members;
- **Administrative support** to organize and conduct in-person meetings and monthly webinars; and
- **Technical support** to execute the technical projects selected for each year's Work Plan.

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

Administrative/Management Task:

- Three conference calls were held during the 4th Quarter with the ENTERPRISE board members. The purpose of the meetings were to provide project updates and approve the 2016 Work Plan.

Technical Task:

- **Project 17: ICWS Support and Outreach**
Project Goal: To provide support to ENTERPRISE members seeking to deploy ICWS, to support peer exchange webinars on ICWS topics, conduct ICWS outreach and support coordination with national standards groups, industry associations and other pooled fund programs that have been engaged through the ENTERPRISE ICWS work.
 - October 2015 – Completed introductory workshop for MTO in Ontario on October 13. Posted ICWS informational booklet to project web page. Finalized participation, date and logistics for fourth webinar.
 - November 2015 – Finalized and conducted fourth webinar on November 17.
 - December 2015 – Project completed. The final deliverables are posted on the project website at: http://www.enterprise.prog.org/Projects/2013/icws_phase3.html
- **Project 18: Countermeasures for Wrong Way Driving on Freeways (Wrong Way Vehicles and Freeways)**
Project Goal: Create a matrix of wrong way systems being tested and developed by building off previous related projects and research. The matrix will include details of the wrong way system (e.g. location of wrong way system, type of system deployed, data being collected). The project will also track research results of each deployment. By tracking the deployments, this project will seek to understand which approaches have the greatest impacts, which are socially acceptable, and which have institutional issues.
 - October 2015 – December 2015 – Continued to tracking by keeping in touch with the agency contacts to collect additional details (e.g. design drawings, standards, and any evaluation results) as available.
- **Project 19: Performance Measures and Reporting**
Project Goal: Research and summarize the implications of performance-based management, current practices among agencies that have established performance efforts, and then document a series of case studies where technologies are used to collect and analyze performance.
 - October 2015 – Continued documenting ENTERPRISE member roles in and practices with performance management at border crossings. Conducted interviews with ENTERPRISE agency staff who play a role in managing traffic at border crossings.
 - November 2015 – Completed interviews with Minnesota, Ontario, Washington, Arizona, and Michigan staff who play a role in managing traffic at border crossings. Drafted Milestone 2: ENTERPRISE members' measurement technologies, performance monitoring, DOT role and cross border coordination.
 - December 2015 – Completed interviews with ENTERPRISE agency staff who play a role in managing traffic at border crossings, continued work on Milestone 2: ENTERPRISE members' measurement technologies, performance monitoring, DOT role and cross border coordination. Started the final task of the project to identify opportunities to share ENTERPRISE member information gathered during this project with federal organizations.

- Project 20: Integrating ITS with Planning and Operations (ITS Operational Plans and Resources and Decision Tree for Planners)
Project Goal: This project will assess what guidance exists for including ITS in operational plans. Such guidance can be used to describe the placement of IT devices, who will operate, maintain and own them, and how the devices will be used in daily or other operational scenarios.
 - October 2015 – Reviewed results of TSMO workshops held by FHWA in 2014. Began preparation of Tech Memo 2.
 - November 2015 – Finalized Tech Memo 2 which recommended direction for the remaining project tasks.
 - December 2015 – Developed outline for decision support tool that will be created to support ITS/TSMO in the planning process.

- Project 23: ITS at International Borders
Project Goal: This project will provide members with a summary of current and emerging practices for the use of ITS technologies at international borders.
 - October 2015 – Project Authorized 11.8.15
 - November 2015 – Project Kickoff. Project team members identified and the first project team meeting was scheduled for December 10.
 - December 2015 – Prepared and held first project team meeting on December 10.

Anticipated work next quarter:

Administrative/Management Support Task:

- Monthly webinars will be held in January.
- An in person meeting will be held in March in Irvine, California.

Technical Task:

- Additional projects from the 2013-2015 Work Plans will begin to commence during the next quarter.
- Continue to complete project tasks for the active work plan projects.

Significant Results:

Projects completed:

- Project 17: ICWS Support and Outreach

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).

N/A