

**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 checked="" type="checkbox"/> Quarter 3 (July 1 – September 30) <input 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 2015	Number of Extensions: 3

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)	\$1,577,299	72%

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$76,125	\$76,125	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:

- One conference call was held during the 3rd Quarter with the ENTERPRISE board members and one in person meeting. The purpose of the meetings were to provide project updates and finalize projects for the 2016 Work Plan.

Technical Task:

- **Project 15: ITS Warrants Review Support**
Project Goal: To continue to coordinate with the SCOTE ITS Warrants Review Task Force and other review committees for periodic review of the ITS Warrants. The project will also continue to maintain the ITS Warrants documentation, develop additional warrants for ITS devices and conduct outreach to promote use of the warrants.
 - July and August 2015 – ENTERPRISE members approved and modified the planning guidelines based on recommendations provided by SCOTE. Members also developed and agreed on example preliminary guidance for two connected vehicle pre-deployment applications.
 - September 2015 – Project completed. Sample Connected Vehicle Pre-Deployment Guidelines were submitted to FHWA and the final project summary report was posted to the project website at: http://www.enterprise.prog.org/Projects/2014/its_device_planning_guidance.html
- **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.
 - July 2015 –Finalized draft of ICWS information booklet for ENTERPRISE review.
 - August 2015 – Gathered additional feedback from board on ICWS information booklet. Began planning for introductory presentation for MTO in October. Developed preliminary outline for fourth webinar.
 - September 2015 – Finalized ICWS information booklet. Finalized plans for introductory presentation for MTO on October 13 in Ontario. Invited guest panelists to participate in fourth webinar and began preparations.
- **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.
 - July 2015 – Milestone 2 was completed and approved.
 - August 2015 – September 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.
 - July 2015 – Approval received from Michigan DOT on revised scope. Started the first task of the project by documenting relevant US performance measures, national international border organizations and key coordination activities of the organizations. The information gathered was documented into Draft Milestone 1.
 - August 2015 – Presented Draft Milestone 1: Summary of Relevant Performance Measures, Organizations and Coordination during the August Board Meeting.
 - September 2015 – Finalized Milestone 1: Summary of Relevant Performance Measures, Organizations and Coordination. Began working on Task 2, to document performance management practices and technologies used by ENTERPRISE agencies that operate highways at international border crossings.

- **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.
 - July 2015 – Tech Memo 1 has been held for submission to allow for coordination with FHWA to determine what outreach is being planned, what new tools are being developed and how ENTERPRISE might best coordinate this project with their efforts.
 - August 2015 – Submitted Tech Memo 1. Drafted agenda for coordination meeting with Planning for Operations Program which will take the place of input that was originally going to be gathered from a sample of planning and operations staff from member agencies.
 - September 2015 – Conducted coordination meeting with Planning for Operations Program on September 29.

- **Project 21: Traffic Safety and Traveler Information Mobile Apps**
 Project Goal: To research and document a current snapshot of the safety and traveler information apps available and the potential benefits and services they provide to users. Based on the research found identify the role of DOT's with apps and app standards.
 - July 2015 – Created a draft final summary report that combines information from Milestone 1 and 2.
 - August 2015 – Project completed. The final project summary report was posted to the project website at: http://www.enterprise.prog.org/Projects/2013/trafficsafety_travelerinfo_apps.html

- **Project 22: Communications to Support Rural ITS**
 Project Goal: To conduct a literature search of rural communications issues and solutions and complete a RFI.
 - July 2015 – Project completed. The final project summary report was posted to the project website at: <http://www.enterprise.prog.org/Projects/2014/commtosupportruralITS.html>

Anticipated work next quarter:

Administrative/Management Support Task:

- Monthly webinars will be held in October, November and December.

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 15: ITS Warrants Review Support

ENTERPRISE Pooled Fund Program – Quarterly Report July – September 2015 (Quarter 3)

- Project 21: Traffic Safety and Traveler Information Mobile Apps
- Project 22: Communications to Support Rural ITS

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