

TRANSPORTATION POOLED FUND PROGRAM QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): Michigan 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(231)	Transportation Pooled Fund Program - Report Period: <input type="checkbox"/> Quarter 1 (January 1 – March 31) <input checked="" type="checkbox"/> Quarter 2 (April 1 – June 30) <input type="checkbox"/> Quarter 3 (July 1 – September 30) <input type="checkbox"/> Quarter 4 (October 4 – 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: December, 2015	Current Project End Date:	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
\$2,200,000 (5 year estimated budget, final Budget dependent on member contributions)	\$313,994	14%

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$85,090	\$85,090	4%

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:

- Two conference calls were held during the 2nd Quarter.
- Michigan DOT authorized Project 5: Intersection Conflict Warning System – Phase 2 on May 24, 2012.

Technical Task:

- Project 1: Low-Cost ITS Safety Solution System: Intersection Conflict Warning Systems
Project Goal: Develop a consistent approach for accelerated, uniform deployment and further evaluation of intersection warning systems, and to recommend preliminary standards for MUTCD consideration
 - Project completed. The final report is available at:
http://www.enterprise.prog.org/Projects/2010_Present/developingconsistency.html
- Project 2: Impacts of Travel Information on the Overall Network
Project Goal: To understand the impacts of travel information dissemination (at what thresholds of travel times do more travelers begin to divert) on the overall operations of an urban transportation network.
 - Surveys were developed and links to the Minnesota and Washington website. The purpose of the surveys is to learn how travelers use travel time displays and how often they divert and why they divert.
- Project 3: Understanding Utilization of 3rd Party Data and Information
Project Goal: Document the experiences of public agencies with using 3rd party data and learn from the 3rd party providers.
 - Project completed. The final report is available at:
http://www.enterprise.prog.org/Projects/2010_Present/utilizationtraveldata.html
- Project 4: The Next Era of Traveler Information
Project Goal: understand how real-time traveler information technology and use is changing and how the changes are impacted by current and emerging trends with dissemination mechanisms and data management practices.
 - Continued the information exchange of the project by scheduling webinar speakers on the following topics: dissemination tools, cost management, customer needs and wants, data management, and performance targets.
- Project 5: ICWS Coordination and Systems Engineering – Phase 2
Project Goal: An extension of Project 1, this project will further support the standardization of ICWS by coordinating among the various national standards and association groups, and by developing a concept of

operations and system requirements for the four types of ICWS identified in the Design and Evaluation Guidance for Intersection Conflict Warning Systems.

- AASHTO SCOTE passed a resolution to recommend NCUTCD establish a task force, to assess ICWS work by the three pooled funds, and to endorse “Design and Evaluation Guidance for Intersection Conflict Warning Systems.” The resolution will proceed on to the Standing Committee on Highways and AASHTO Board of Directors for final approval in November.
- Following the recommendation from AASHSTO SCOTE, the NCUTCD Regulatory/Warning Sign Technical Committee created a task force on ICWS. The task force will determine what may be needed for ICWS in the MUTCD.

Anticipated work next quarter:

Administrative/Management Support Task:

- Monthly webinars will be conducted in July and August. An in person meeting will be held on September 19 and 20, 2012 in Biloxi, Mississippi in conjunction with the 2012 National Rural ITS Conference

Technical Task:

- Project 2: Impacts of Travel Information on the Overall Network
 - Present draft report at September in-person ENTERPRISE meeting
- Project 4: The Next Era of Traveler Information
 - Conduct scheduled project webinars
- Project 5: Intersection Conflict Warning System – Phase 2
 - Continue ICWS coordination efforts and develop a draft concept of operations for ICWS for review at the September in-person ENTERPRISE meeting
- Additional projects from the 2010-2012 Work Plan will begin to commence during the next quarter.

Significant Results:

Completed the following projects:

- Project 1: Low-Cost ITS Safety Solution System: Intersection Conflict Warning Systems
- Project 3: Understanding Utilization of 3rd Party Data and Information

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