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: ☑ Quarter 1 (January 1 – March 31) ☐ Quarter 2 (April 1 – June 30) ☐ Quarter 3 (July 1 – September 30) ☐ Quarter 4 (October 4 – December 31)
Project Title: ITS Pooled Fund Program (ENTERPRISE)	
Project Manager: Lee Nederveld **Phone:** (517) 636-0036 **E-mail:** nederveldl@michigan.gov	
Project Investigator: **Phone:** **E-mail:**	

Lead Agency Project ID:	Other Project ID (i.e., contract #):	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)	$228,902	11%

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
$35,298.91	$35,298.91	2%

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 1st Quarter and an in person meeting was held on Kansas City, Missouri. Michigan DOT authorized Project 4: The Next Era of Traveler Information.

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
  - Contacts have been made with several organizations (FHWA MUTCD, 2012 ATSAA Convention and Expo, Evaluation of Low Cost Safety Improvements pooled fund, Traffic Control devices pooled fund) in the roadmap for standardization of ICWS.
- 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.
  - A draft of the data collection plan was completed.
  - A draft traveler survey was developed and reviewed by the ENTERPRISE Board at the January 2012 monthly board meeting. The survey will be modified for each ENTERPRISE state that would like to distribute the survey.
- 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.
  - A survey was developed and distributed on January 9, 2012 to the ENTERPRISE states to gather interests and focus of the project. The feedback from the ENTERPRISE members was used to develop a Data Collection Plan for presenting the 3rd party data as part of this project. The Data Collection Plan was distributed on 1/23/12.
  - Each ENTERPRISE state with 3rd Party Data experience shared information at the March 28 and 29, 2012 ENTERPRISE in person meeting.
  - 3rd Party vendors were contacted in order to gain an understanding of the private sector perspective in providing data. A summary of 3rd Party vendor information was shared at the March 28 and 29, 2012 ENTERPRISE in person meeting.
- 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.

- o Project was authorized by ENTERPRISE on March 2, 2012.
- o A survey was developed and distributed to the 511 Deployment Coalition contacts to gather high-level information about the current state of practice with real-time traveler information programs around the country. The information was summarized and shared, along with a detailed project schedule, during the ENTERPRISE annual meeting on March 28-29.
- o Highlights of the survey and an overview of the project was presented during the ITS Heartland conference on March 27, 2012

Anticipated work next quarter:

Administrative/Management Support Task:
- Monthly webinars will be conducted in October, November, and December.

Technical Task:

- Project 1: Low-Cost ITS Safety Solution System: Intersection Conflict Warning Systems
    - o Continue to coordinate with other organizations to continue ICWS project efforts.
- Project 2: Impacts of Travel Information on the Overall Network
    - o Distribute project surveys.
- Project 3: Understanding Utilization of 3rd Party Data and Information
    - o Develop draft project report.
- Project 4: The Next Era of Traveler Information
    - o Continue to gather project survey results.
- Additional projects from the 2010-2012 Work Plan will begin to commence during the next quarter.

Significant Results:

N/A

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