**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) 335-5317 **E-mail:** [nederveldl@michigan.gov](mailto:nederveldl@michigan.gov) | | | |
| **Project Investigator:** Dean Deeter, Athey Creek **Phone:** 503.343.9602 **E-mail:** deeter@acconsultants.org | | | |
| **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) | $424,259 | 19% |

***Quarterly*** Project Statistics:

|  |  |  |
| --- | --- | --- |
| **Total Project Expenses**  **This Quarter** | **Total Amount of Funds**  **Expended This Quarter** | **Percentage of Work Completed**  **This Quarter** |
| $110,266 | $110,266 | 5% |

**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 and one in person meeting were held during the 3rd Quarter with the ENTERPRISE board members.

Technical Task:

* 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.

* Project completed. The final report is available at:

<http://www.enterprise.prog.org/Projects/2010_Present/travelinfoimpacts.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.

* Webinar 1 was held on 8.16.12. Over 20 states participated in the first webinar featuring trends in dissemination tools and practices in the states of Washington and Wisconsin.
* Webinar 2 was held on 9.13.12. It featured cost management practices – specifically sponsorship –in the states of Georgia and Missouri. It also featured a brief update on USDOT’s effort to define a data exchange format for Real-Time System Management Information Programs.
* 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.

* An email update was distributed to the group of ICWS stakeholders on 7.13.12 highlighting SCOTE and NCUTCD meeting outcomes and ENTERPRISE plans to develop a draft concept of operations in July.
* Draft concept of operations was developed and reviewed with stakeholders by webinar on 9.11.12. An overview of the draft and comments was shared with the ENTERPRISE board on 9.19.12.

**Anticipated work next quarter:**

Administrative/Management Support Task:

* Monthly webinars will be conducted in October, November and December

Technical Task:

* Project 4: The Next Era of Traveler Information
  + Conduct scheduled project webinars
* Project 5: Intersection Conflict Warning System – Phase 2
  + Draft system requirements will be developed in October and reviewed with stakeholders in November.
  + The concept of operations and system requirements are targeted for completion by the end of December so the materials will be ready to share with AASHTO SCOTE and NCUTCD during their annual meetings at TRB in January.
* Additional projects from the 2010-2012 Work Plan will begin to commence during the next quarter.

**Significant Results:**

Completed the following projects:

* Project 2: Impacts of Travel Information on the Overall Network

**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