TRANSPORTATION POOLED FUND PROGRAM
QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): FHWA

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 # *(i.e, SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX)* TPF-05(099)	**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 1 – December 31)	
Project Title: The Evaluation of Low Cost Safety Improvements Pooled Fund Study (ELCSI-PFS)		
Name of Project Manager(s): Roya Amjadi	**Phone Number:** 202-493-3383	**E-Mail** roya.amjadi@dot.gov
Lead Agency Project ID: TPF-05(099)	**Other Project ID (i.e., contract #):** N/A	**Project Start Date:** 05/2005
Original Project End Date: 05/2010	**Current Project End Date:** 2017	**Number of Extensions:** none

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	Percentage of Work Completed to Date
$4,380,000	$2,964686.60	168%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
$55,000.00	N/A	N/A

Project Description:

FHWA has initiated the Low Cost Safety Improvements Pooled Funds Study to encompass safety-effectiveness evaluations of priority strategies from the NCHRP Report 500. The goal of the proposed research is to develop reliable estimates of the safety effectiveness of safety improvements identified as strategies in the NCHRP Report 500 Guidebooks through scientifically rigorous "Before"-"After" (B/A) evaluations of sites within the U.S. where these strategies are being implemented. The data for the study will be gathered from those states that implement the strategies throughout the US. The methodology utilized will typically be an Empirical Bayes evaluation or other appropriate method, using B/A data to help determine their effectiveness in reducing the number and severity of crashes. The data will be collected, and evaluation studies performed, as the strategies are implemented over the course of several years.

Phase I- The first phase (retro-respective) of evaluations is completed and published for;
1. Safety Evaluation of Increasing Retroreflectivity of STOP Signs
2. Safety Evaluation of Flashing Beacons at STOP-Controlled Intersections
3. Safety Evaluation of STOP AHEAD Pavement Markings
4. Safety Evaluation of Installing Center Two-Way Left-Turn Lanes on Two-Lane Roads

Phase II- The second phase (retro-respective) of evaluations is completed and published for;
1. Safety Evaluation of Improved Curve Delineation
2. Safety Evaluation of Offset Improvements for Left-Turn Lanes
3. Safety Evaluation of Lane and Shoulder Width Combinations on Rural, Two-Lane, Undivided Roads
4. Safety Evaluation of Advance Street Name Signs

Phase III, Part 1- The third phase (part-one, strategy implementation) of evaluations is completed. This phase is a

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

1- State of Rhode Island has joined the ELCSI- PFS in this quarter. Currently, the ELCSI-PFS has 35 member States.
2- Received, evaluated technical proposal, and awarded the contract for the DCMF, Task B1 (FHWA sponsored) for evaluation of 6 new strategies. This contract kicked off on September 2013. Currently, Phase VIII for two new strategies is active under this contract.
3- Received, evaluated technical proposal, and awarded the contract for DCMF, Task B2 (FHWA sponsored.) This contract kicked off on September 2013. This task is to find new statistical methodologies and improve current ones for B/A evaluation of highway safety improvements to benefit the ELCSI-PFS.
4- Worked with American Statistical Association (ASA) to find a lead expert statistician to cooperate with VHB for developing a white paper for Task B2 (above.)
5- Statement of Work was completed for CMF gap assessment analysis and a national CMF stakeholders meeting. This task is to benefit ELCSI-PFS, and it is sponsored by FHWA.
6- Updated DCMF, Task A and Task B work plans.
7- Shared balloting results from the 2013 ELCSI-PFS Annual TAC meeting with TAC members and stakeholders.
8- Conducted Risk Assessment for ELCSI-PFS, Phase VI.
9- FARS data was mined for Winter Related Crash Study.
10- Managed Phase III - Part 2
11- Managed Phase VI- This contract is near completion
12- Managed Phase VII
13- Managed Phase VIII

Anticipated work next quarter:

1- Work with American Statistical Association to find a pole expert statisticians to be invited/hired for the DCMF, Task B2. They will assist FHWA with finding new statistical methodologies and improve current ones for B/A evaluation of highway safety improvements to benefit the ELCSI-PFS.
2- Receive, review resumes, and select expert statisticians.
3- Prepare and send invitations to selected experts to work with FHWA for the DCMF, Task B2.
4- Conduct DCMF, Task B2 meeting in December 2013.
4- Submit PR for DCMF, Task B3 for CMF gap assessment analysis and a national CMF stakeholders meeting.
5- Design analysis methodology for Winter Related Crash Study.
6- Complete Phase VI for Pavement Safety Performance.
7- Schedule TRB presentation for Phase VI result in the TRB 2014 annual meeting.
8- Schedule TRB presentation for DCMF, Task B2 in the TRB 2014 annual meeting.
9- Manage Phase III - Part 2
10- Manage Phase VII
11- Manage Phase VIII

Significant Results:

1- State of Rhode Island has joined this PFS. Currently, the ELCSI-PFS has 35 member States.
2- DCMF Task B1 for evaluation of 6 new strategies started evaluations.
3- DCMF Task B2 started for finding new statistical methodologies and improve current ones for B/A evaluation of highway safety improvements to benefit the ELCSI-PFS.
4- Started cooperation with American Statistical Association (ASA) to benefit the ELCSI-PFS.
5- Statement of Work for CMF gap assessment analysis and a national CMF stakeholders meeting was completed.

Circumstance affecting project or budget. (Please 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).

No risk or challenges has been identified.

Potential Implementation:

N/A