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(317)	**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(317)	**Other Project ID (i.e., contract #):** N/A	**Project Start Date:** 05/2005
Original Project End Date: 05/2010	**Current Project End Date:** Open Ended	**Number of Extensions:** 1

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
$7,300,000	$4,944,000	710%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
$80,000	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.

This pooled fund study has contributed over 700 CMFs to the CMF Clearinghouse, and this effort is on-going.

The Phase I study (retrospective) was competed for:
1.Increased retroreflectivity of STOP signs.
2.Flashing beacons at STOP-controlled intersections.
3.STOP AHEAD pavement markings.
4.Installing center two-way left-turn lanes on two-lane roads.

The Phase II study (retrospective) was completed for:
1.Improved curve delineation.
2.Offset improvements for left-turn lanes.
3.Lane and shoulder width combinations on rural, two-lane, undivided roads.
4.Advance street name signs.

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

- Conducted the 2018 Annual TAC meeting (08/26/18 to 08/27/18).
- Completed the 2018 TAC Technical Feedback survey.
- Received, reviewed, and distributed the TAC meeting notes.
- Received, reviewed, and distributed TAC meeting presentations.
- Received, and reviewed technical report and tech brief for Safety Evaluation of Pedestrian Countdown Signals.
- Conduct feasibility efforts for Wrong Way Driving (in progress)
- Delayed request for Technical Proposals for the Mini-roundabouts evaluation, and may add evaluation of Wrong Way Driving to this Phase (XI)
- Worked toward selection of strategies for Phase XI evaluations, and available fund resources.
- Continued the effort for a new DCMF task in cooperation with other FHWA offices to design work plan to support ELCSI-PFS members, and non-member States (50 States) for:
  > quarterly peer-exchange;
  > data analysis;
  > CMF & SPF development and applications;
  > workshop and training;
  > and related technical support.

- Managed the Phase X for studies in progress for:
  1. Adaptive Signal Control Technologies
  2. Bicycle Lanes, Added by Reducing Lane and/or Shoulder Width
  3. Variable speed limits (VSL)
  4. Treatments to minimize the influence of Light Poles

Anticipated work next quarter:

Summarize the 2018 TAC Technical Feedback, and send to TACs.
Finalize selected strategies for Phase XI evaluations, and fund resources.
Manage ELCSI-PFS' studies (seven) on-going.
Manage DCMF on-going studies.
Continue work on new publications.
Attend meetings.
Keep up communication with TAC members.
Keep up cooperation with American Statistical Association.
Other related efforts.

Significant Results:

- Conducted the 2018 Annual TAC meeting (08/26/18 to 08/27/18).
- Completed the 2018 TAC Technical Feedback survey.
- Received, reviewed, and distributed the TAC meeting notes.
- Received, reviewed, and distributed TAC meeting presentations.

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).

None.

Potential Implementation:

N/A