

TRANSPORTATION POOLED FUND PROGRAM QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): Texas 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(482)	Transportation Pooled Fund Program - Report Period: <input type="checkbox"/> Quarter 1 (January 1 – March 31) <input type="checkbox"/> Quarter 2 (April 1 – June 30) <input checked="" type="checkbox"/> Quarter 3 (July 1 – September 30) <input type="checkbox"/> Quarter 4 (October 1 – December 31)	
Project Title: Development and Evaluation of Roadside Safety System for Motorcyclists		
Name of Project Manager(s): Chris Glancy	Phone Number: 512-416-4747	E-Mail Chris.Glancy@txdot.gov
Lead Agency Project ID:	Other Project ID (i.e., contract #):	Project Start Date: 2021
Original Project End Date: 2024	Current Project End Date: 2024	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	Percentage of Work Completed to Date
\$780,000	\$89,619	11%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$25,283; 3%	\$25,283	36%

Project Description:

The objective of this pooled fund study is to provide a cooperative approach to conducting research to address roadside safety issues specifically related to improving motorcyclist safety. Furthermore, the study is intended to provide participating states collaborative opportunities to stay abreast of best practices, new regulatory issues, risk management strategies, and other research pertaining to roadside safety improvements for motorcyclists. Research activities will include identification, development, and evaluation of strategies and devices for mitigating the frequency and severity of roadway departure motorcyclist crashes.

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

The following tasks were completed in this quarter:

- FY22 Task 1: Investigation of roadway design methods to decrease likelihood of roadway departure for motorcyclists
 - Continued collecting DOTs database information to determine eligibility for future analysis.
 - Started the development of final report on literature review and survey on roadway design method or safety systems to decrease the motorcycle crash rate.
 - The availability and applicability of databases from other participant States was investigated.
 - The research team has completed the Research report, summarizing the methodology and the findings though the research process conducted in FY22
 - Draft report 9-1531-R1 was submitted for revision and comments.
- The FY23 fiscal year for this project was kicked-off with a Member Annual Meeting on Sept. 26, 2022. The meeting was conducted at the TTI HQ building.
 - Five Member states were present in person (TX, UT, IL, GA, MA), and two Member States joined through virtual meeting (CO, LA). TTI researchers participating in the FY22 program were also in attendance. The FHWA liaison for this pooled fund project was also present in person at the meeting.
 - The meeting Agenda included presentation on the results of the recently completed 9-1531-R1 report, as well as additional presentations related to on-going /recently completed national projects addressing motorcycle safety. Member states present in person were also able to attend the conduction of a full-scale crash test.
 - A total of 11 problem statements were presented and discussed with the project members to reflect the submitted needs for later prioritization. The addressed needs ranged from roadside hardware to roadway design, as well as other miscellaneous needed aspects.
 - A request for revising a couple of problem statements to better reflect general needs required the State Members to wait voting until later days. After problem statements were revised, a survey was submitted to the voting participants for prioritization and funding. The anticipated available project balance for FY23 is expected to be roughly \$413K.
 - A survey was submitted to the State Members for project prioritization voting.

Anticipated Work Next Quarter:

The researchers will be working on addressing 508 compliance for the submitted 9-1531-R1, as well as any comments received by the project panel members.

Prioritization survey results will be reviewed and a decision will be made on the which problem statements to fund for FY23, based on the expected project available funds and the voted prioritized needs.

The researchers will start working on the prioritized projects as soon as the projects are identified and approved by the project PM and panel members.

Significant Results:

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).

Potential Implementation: