

TRANSPORTATION POOLED FUND PROGRAM QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): Arizona Department of Transportation (ADOT)

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(481)	Transportation Pooled Fund Program - Report Period: <input checked="" type="checkbox"/> Quarter 1 (January 1 – March 31) <input type="checkbox"/> Quarter 2 (April 1 – June 30) <input type="checkbox"/> Quarter 3 (July 1 – September 30) <input type="checkbox"/> Quarter 4 (October 1 – December 31)	
Project Title: TPF-5(481) In-Service Performance Evaluation (ISPE) of Roadway Safety Features		
Name of Project Manager(s): Bill Stone	Phone Number: 602-712-3135	E-Mail wstone@azdot.gov
Lead Agency Project ID: SPR-778	Other Project ID (i.e., contract #):	Project Start Date: 7/1/2022
Original Project End Date: 10/1/2021	Current Project End Date: TBD-upon Consultant selection	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
\$720,000	\$0	N/A

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$0 / 0%	\$0	0%

Project Description:

It is a long-standing policy of the Federal Highway Administration that National Highway System roadside safety hardware such as longitudinal barriers, sign supports, guardrail terminals, and work zone devices -- demonstrate crashworthiness. Currently, state, and local transportation agencies assess performance according to the crash test and evaluation methods prescribed in the AASHTO Manual for Assessing Safety Hardware (MASH).

This pooled fund study will give states the opportunity to collaborate by sharing data and experiences in assessing the performance of in-service roadside safety hardware.

The primary objective of this pooled fund study is to evaluate the performance of roadside safety hardware in the field through inter-state collaboration by using standardized data collection and data analysis with a uniform interpretation of results contained in the guidance document developed under the NCHRP 22-33 project, Multi-State In-Service Performance Evaluations of Roadside Safety Hardware. The second objective is to provide a forum for states to share ISPE data, experiences, practices, information, and resources.

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

The ADOT Research Center staff have been coordinating internally with the ADOT Procurement staff on the background and objectives of the pooled fund. Upon review of the project, it was determined that the ADOT Information Technology Group (ITG) was to be included in this review to determine the Information Technology (IT) language that would be needed in the Request for Proposal (RFP) solicitation. By the end of the quarter the solicitation language was still being developed, but is getting close to completion.

Anticipated work next quarter

The Arizona Research Center will be seeking two evaluation committee members from the participating states. This evaluation committee will include the ADOT project manager for the pooled fund along with the two identified state partners. The evaluation committee will be responsible for reviewing the proposals received from consultants and determine a qualified consultant to guide the participating states in pooled fund TPF-5(481), through the In-Service Performance Evaluation (ISPE) process and will consolidate state ISPE data for analysis, interpretation, and presentation.

Earlier in the next quarter the review by ITG will need to complete the IT language that will satisfy Arizona requirements. The solicitation document will be developed during this quarter, with the goal of having the RFP out for solicitation by the end of the quarter.

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:

