

**TRANSPORTATION POOLED FUND PROGRAM
QUARTERLY PROGRESS REPORT**

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

INSTRUCTIONS:

Lead Agency contacts 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 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)	
TPF Study Number and Title: TPF-5(481) In-Service Performance Evaluation (ISPE) of Roadway Safety Features		
Lead Agency Contact: Bill Stone	Lead Agency Phone Number: 602-712-3135	Lead Agency E-Mail: wstone@azdot.gov
Lead Agency Project ID: SPR-778	Other Project ID (i.e., contract #): CTR06774	Project Start Date: 7/1/2022
Original Project Start Date: 10/1/2021	Original Project End Date: 9/30/2026	If Extension has been requested, updated project End Date: Click or tap to enter a date.

Project schedule status:

<input type="checkbox"/> On schedule	<input checked="" type="checkbox"/> On revised schedule	<input type="checkbox"/> Ahead of schedule	<input type="checkbox"/> Behind schedule
--------------------------------------	---	--	--

Overall Project Statistics:

Total Project Budget	Total Funds Expended This Quarter	Percentage of Work Completed to Date
\$720,000	\$78,665.00	20%

Project Description:

It is a long-standing policy of the Federal Highway Administration that National Highway System roadside safety hardware as longitudinal barriers, sign supports, guardrail terminals, and work zone devices -- demonstrate crashworthiness. Current 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 project focused on Task 5 (Conduct Routine ISPEs) during this quarter. During the quarter the following draft reports were submitted for review by the individual state:

- Massachusetts SFUE2 ISPE Report (SPR-778-010MA-R206-24)
- Iowa SFUE4 ISPE Report (SPR-778-01005-R4IA-24)
- Texas SFUE4 ISPE Report (SPR-778-01006-R4TX-24)

The data from the three ISPE reports have been uploaded to the online repository.

The travel logistics are being finalized for the upcoming 2-day workshop in Phoenix on October 23-24, 2024. A block of hotel rooms have been secured by the project subcontractor and is working with the TAC to arrange travel.

Anticipated work next quarter:


Respond to comments/suggestions, when received on the remaining draft ISPE reports. The final reports will then be submitted to the individual states.

The workshop will be conducted in Phoenix on October 23-24, 2024, in Phoenix. The workshop will include some additional training on conducting ISPEs. There will be further discussion of the ISPE Methodology and Study Design. Also include will be discussions of ISPE Evaluations Measures and Assessment of how the ISPE reports were assembled. There will be an overview review for the Technical Advisory Committee (TAC) members from the participating states. This will also provide the opportunity for the development and concurrence on the Year 2 workplan.

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:

A large, empty rectangular box with a thin black border, intended for providing details on the potential implementation of a program or project. The box is currently blank.