

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 # <i>(i.e., SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX))</i> 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 type="checkbox"/> Quarter 3 (July 1 – September 30) <input checked="" 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 Click or tap here to enter text.
Lead Agency Project ID: SPR-778	Other Project ID (i.e., contract #): CTR067704	Project Start Date: 7/1/2022
Original Project Start Date: 1/1/2021	Original Project End Date: 9/30/2026	If Extension has been requested, updated project End Date: N/A

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
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Overall Project Statistics:

Total Project Budget	Total Funds Expended This Quarter	Percentage of Work Completed to Date
\$720,000	Click or tap here to enter text.	Click or tap here to enter text.

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 workshop was conducted in Phoenix on October 23-24, 2024, in Phoenix. The workshop included additional training on conducting ISPEs. A presentation of the ISPE Methodology and Study Design was presented and included discussion with the states to further educate them on how the reports are being compiled. This included sharing some of the information from multiple states and discussions of ISPE Evaluations Measures and Assessment of the ISPE reports. The final task of the workshop is the opportunity for the development and concurrence on the Year 2 workplan. This was accomplished through discussion and brainstorming with the participating states after the reviews of Year 1 activities and available data. The Year 2 plan also focused on including ISPEs from all states overall for the project.

Anticipated work next quarter:

A draft Year 2 workplan will be developed and shared with the participating states. Early this quarter will be the opportunity for those participating states to review the Year 2 workplan and offer final comments and suggestions. It is anticipated that the workplan will be finalized and approved for the pooled fund to move forward in Year 2.

The ISPE subcommittee will meet at the 2025 Annual TRB meeting. The agenda of the meeting includes an update on the TPF-5(481) ISPE pooled fund activities along with other non-pooled fund activities relating to ISPEs.

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: