

**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 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)	
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	\$54,777.00	50%

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.):

Task 5 (Conduct Routine ISPEs)

Drafts were submitted to the states of Iowa, Massachusetts, and Alabama for their individual state review and comment. The reports included the following:

- Iowa, SFUE1 ISPE Report (SPR-778-02014-R1IA-25)
- Massachusetts, SFUE1 ISPE Report (SPR-778-02015-R1MA-25)
- Alabama, SFUE1 ISPE Report (SPR-778-02013-R1AL-25)

Technical Advisory Committee meetings were conducted with states to approve previously submitted ISPE reports. The reports included the following:

- Illinois SFUE1 ISPE Report (SPR-778-02009-R1IL-25)
- Arizona SFUE1 ISPE Report (SPR-778-02010-R1AZ-25)

Task 5 (Conduct Routine ISPEs)

Drafts were submitted to the States of Alabama and Arizona for their individual review and comment. The reports included the following:

- Alabama, SFUE4 ISPE Report (SPR-778-02016-R4AL-26)
- Arizona, SFUE2 ISPE Report (SPR-778-02017-R2AZ-26)
- Arizona, SFUE4 ISPE Report (SPR-778-02018-R4AZ-26)

Task 11 (Update ISPEs)

Technical Advisory Committee TAC meetings were conducted with states to approve previously submitted ISPE reports. The reports included the following:

- Iowa, (SPR-778-02014-R1IA-25)
- Massachusetts, (SPR-778-02015-R1MA-25)
- Alabama, (SPR-778-02013-R1AL-25)

During the quarter, 508 tagging has been completed for the 5 ISPEs that have been TAC approved.

Task 10 (Annual workshop)

- Travel and lodging logistics were coordinated with each individual TAC member

Anticipated work next quarter:

Task 5 (Conduct Routine ISPEs)

- Respond to comments, when received, on the drafts.
- Host a virtual report approval meeting for the three ISPEs discussed above that are in review.
- Plan to initiate ISPE data collection and analysis for three new ISPEs with one in Alabama and two in Arizona.

Task 7 (Multi-state ISPE)

- Initiate and complete the SFUE1 multi-state ISPE.

Task 10 (Annual Workshop)

- Continue coordinating the workshop logistics with the states.

Significant Results:

None during this quarter

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).

There are no challenges anticipated or encountered that might affect the project.

Potential Implementation:

No implementation during this quarter.