TRANSPORTATION POOLED FUND PROGRAM
QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): FHWA

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 # *(i.e, SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX)* TPF-5(369)	**Transportation Pooled Fund Program - Report Period:** ☐ Quarter 1 (January 1 – March 31) ☐ Quarter 2 (April 1 – June 30) ☐ Quarter 3 (July 1 – September 30) ☑ Quarter 4 (October 1 – December 31)	
Project Title: Collaborative Development of New Strategic Planning Models		
Name of Project Manager(s): Jeremy Raw	**Phone Number:** 202-366-0986	**E-Mail** jeremy.raw@dot.gov
Lead Agency Project ID: BPAC 060TPF5369	**Other Project ID (i.e., contract #):** N/A	**Project Start Date:** 6/16/2017
Original Project End Date: 6/19/2020	**Current Project End Date:** 6/19/2022	**Number of Extensions:** 0

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
$755,000	$282,064	47%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
$16,827 (7%)	$50,481	51%

Project Description:

The “Collaborative Development of New Strategic Planning Models” pooled fund will make strategic tools affordably available to members. The pooled fund will support efficient investment in new and upgraded tools, ensuring that public funds are not spent on projects with overlapping goals and products and ensuring that innovations can be efficiently built on the basis of existing working tools.

The pooled fund will allow participating agencies to have access to:

• Working models that can assess new challenges such as shared mobility or automated vehicles;
• Tools to set up and run these models very rapidly for a large number of policy and scenario combinations;
• Web-based interactive visualization tools to display results;
• Cost-effective technical support for the implementation, customization and application of these tools to each agency’s needs; and
• Credible, maintained, documented tools adhering to clear standards and development guidelines, with thorough quality control.
• A community of active users and developers, which will reduce the likelihood that models will become obsolete, fall under the control of a single developer, or be abandoned by their developer while there is still interest in using them.

Additional details on the pooled fund may be found in the Technical Advisory Committee Charter Document, posted separately on the pooled fund project page.

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

Work was sidelined for a month this quarter (Octobe 16 - November 18) due to a lapse in project funding that has been resolved. The current option extends through May 2020, and the subsequent contract option will be processed shortly to extend the contract to November 2020.

After discussion with the TAC, the Pooled Fund was extended to FY2022 for contributions, and new partners are being solicited.

Developed documentation and training materials for interactive workshop at TRB Annual Meeting in January 2020.

Further Assisted TAC members (Washington State, Virginia) in trying out VisionEval setup, and obtained further feedback on model and component improvement.

Developed prototype post-processor to add RPAT crash rate / safety estimation to RSPM.

TAC meeting, 11/18/2019

Anticipated work next quarter:

Public Multi-Modal module integration (new optional version of RSPM)
Recruit additional participants and identify continuing participants for extended pooled fund.
Restructure user documentation and package basic instructions with VisionEval Installer
Complete development of Safety Module.
Revisit and finalize contributor review process
Integrate updates to VEReports (output report processing module) from work being done separately in Oregon.
Deliver workshop and case study materials to support a TRB workshop in January 2020, and publish to VisionEval.org website.
Conduct training workshop for North Carolina and (as requested) other pooled fund members
Continue to work with pooled fund members on pilot implementations (bug fixes, technical support, documentation impovements)

Significant Results:

Pooled fund extended for two years.
Completed prototype crash safety post-processor

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).

The lead agency was unable to exercise the next option on the CS/WSP contract prior to the FY2019/2020 procurement cutover. The task order period of performance was extended to December 15, and the option will be exercised as soon as possible after FY2020 begins on October 1. A lapse in contract work took place rom October 15 to November 18, leadinga truncated quarter. Two more options remain in the current contact, which will finish in May 2021. Funds for both those options are available (12/31/2019).

The pooled fund has been extended for two years, and additional participant obligations are being solicited.

Potential Implementation:

The lead agency has acquired "Agile" software and documentation development through a task order under an existing IDIQ contract available through the Lead Agency (FHWA). The award was issued in 2018 Q3, and the first option exercised in 2018Q4. An additional separate award is still under consideration (with possible additional funds from the pooled fund extension to FY2022) to focus on documentation and training materials, and to support an in-person peer exchange among the pooled fund participants.