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 Plannign 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:** 6/19/2020	**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
$680,000	0	0

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%	26%

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.):

This quarter included one meeting of the TAC and additional email exchanges to develop and prioritize specific initial task requirements for the development contractor. The procurement request will be issued under a Lead Agency task order contract (Indefinite Quantity/Indefinite Deliverable - IDIQ) that will be published early in 2018 Q2 (next reporting period). Code and documentation resources have been updated to track previous VisionEval projects so the contractor will be able to refer to the current state of VisionEval in formulating a response. The VisionEval code base that the pooled fund will develop is located at http://VisionEval.org and in an associated GitHub organization at https://github.com/VisionEval. The first procurement will focus on consolidating and conducting new development of the VisionEval framework and strategic models. A subsequent smaller procurement will develop outreach resources to demonstration how interested parties might make use of the VisionEval tools. Participating agencies have completed their fund transfers; CalTrans joined the original set of partners with a three-year commitment.

Anticipated work next quarter:

The initial development contract will be issued for bids, proposals will be reviewed by the Lead Agency, and a contract awarded (this was originally anticipated for the current quarter). The development contract is expect to be procured and kick off within 2018 Q2.

Significant Results:

The scope of work has been finalized for the procurement and the RFP is nearing release. All fund contributions from the participating agencies have been received. The TAC has discussed an initial work task priority list. The VisionEval code base maintained at VisionEval.org and the associated Github repository at https://github.com/VisionEval have been brought up to date with work conducted under other contracts not associated with the pooled fund.

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 procurement is now two months behind the original schedule due to delays within the Lead Agency procurement office. The procurement was originally intended to be complete within 2017 Q4, then in 2018 Q1, and is now expected to be completed within 2018 Q2.

Potential Implementation:

The lead agency is seeking a procurement for "Agile" software and documentation through a task order under an existing IDIQ contract available through the Lead Agency (FHWA). The RFP will be issued within 2018 Q2.