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	$489,130	65%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
$51,894 (7%)	$51,894	82%

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.):

Issued major binary release/upgrade after testing and verifying.
Continued support for VDOT and WSDOT. VDOT project is establishing a "ground up" RSPM implementation for the Northern Virginia region (DC Suburbs).
Developed detailed product requirements document.
Began implementation of Travel Time Reliability Module.
Implemented prototype for new scenario management tools.
Developed priorities for Phase 2 contract scope.
Supported RAND corporation VisionEval evaluation for Decision-Making Under Uncertainty Project.

TAC Meetings: 11/3/2020, 12/10/2020

Anticipated work next quarter:

VisionEval summit.
Complete travel time reliability module.
Investigate updating NHTS from 2001 to 2009
Complete Concept Primer (key documentation).
Continue pilot projects (Virginia/Washington)
Undertake documentation of model validation and provide support to ARC for validating VisionEval.

Significant Results:

Major binary release is available.
Provided technical support to TAC members (VDOT, O(R)DOT and WSDOT)
Completed Product Requirements Document first draft.
Implemented prototype scenario management functions.
Designed travel time reliability module.

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 pooled fund has been extended for two years, and additional participant obligations are being solicited. Virginia and Oregon have made commitments to that period. Final project option will be exercised in 2020 Q3 extending work to May, 2021.

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 options have been exercised extending work to CY2020 Q4. 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.