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(361)	**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: SHRP2 Naturalistic Driving Study Pooled Fund: Advancing Implementable Solutions		
Name of Project Manager(s): Charles Fay	**Phone Number:** 202-493-3336	**E-Mail** charles.fay@dot.gov
Lead Agency Project ID: TPF 5(361)	**Other Project ID (i.e., contract #):**	**Project Start Date:** 3/17/2017
Original Project End Date: 3/17/2022	**Current Project End Date:** 3/17/2022	**Number of Extensions:**

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
$2,310,000.00	200,000	0.08

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
0.00	100,000	0.04

Project Description:

This pooled fund study will support groundbreaking research using data from the second Strategic Highway Research Program (SHRP 2) Naturalistic Driving Study (NDS). The goal is to advance the development of implementable solutions for State and local transportation agencies with an emphasis on the broad areas of Safety, Operations, and Planning. Since the system of 'driver-vehicle-roadway and driving conditions' was captured, the value of these data should not only support research in the individual areas above but in a connected-automated roadway system as well.

Projects could include development and improvement of countermeasures, development and improvement of predictive models and design guides, performance measures, policy recommendations, or other high priority areas for the Technical Advisory Committee (TAC). This will be an FHWA led pooled fund with very active participation from member agencies to determine the research that is undertaken.

Task orders developed and list of 37 candidate research topics (covering safety, operations, and planning) have been reduced to 17 -- based on AASHTO RAC input and the TAC priorities - see list in separate document.

These Task Orders will utilize a phased approach. Phase I was focused on providing an overall research plan that describes research goals and outcomes, and proposed work plans to achieve that vision in Phase 2 of the research. Phase 1 awards totaled $100,000. Phase 2 funding will be based on the budget remaining after Phase 1 expenditures ($100,000) and other TAC obligations ($100,000). Multiple awards (one per IDIQ team) are possible for Phase 2. The TAC may decide to fund only portions of Phase 2 proposed plans (individual projects); only one research plan (one team); if funding allows—all research plans; or possibly no research plans –if proposals are unacceptable.

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

Phase 1 contracts began 2/18/2019 and end 6/30/2019. All four IDIQ teams were awarded a $25K contract. Final research plans are due 5/17/2019. These will be followed by webinar presentations the week of 5/24/2019. These presentations will be recorded for TAC members to review along with the research proposals.

The TAC will meet on 6/20/19 and 6/26/19 to determine which research in Phase 2 to fund with the $2.1 million funds. Research will be cross-cutting and address highway safety, operations, and planning with an emphasis on providing State DOT practitioners with actionable results and tools.

Phase 2 research contracts are anticipated to be awarded by 8/1/2019. Research will be 36 months in duration.

Post the Phase 2 awards, each of the research teams will provide a public webinar to describe the research that will be undertaken. These webinars will occur Fall 2019.

Annually, the researchers will prepare a summary report that outlines research progress and preliminary results or deliverables. The researchers will present the report to the TAC. Upon the conclusion of activities the researchers will prepare and deliver final research reports that describe the research outcomes, deliverables, and proposed avenues for technology transfer and dissemination of research results. The researchers will present the report to the TAC in-person at Turner Fairbank Highway Research Center in McLean, VA.

Anticipated work next quarter:

By end of June 2019, the TAC will determine which Phase 2 research to fund with the $2.1 million available.

Phase 2 research is anticipated to begin 8/1/2019.

Significant Results:

TBD: Research will begin 8/1/2019 and lasts 36 months.

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).

No issues to report

Potential Implementation:

TBD: Research will begin 8/1/2019 and lasts 36 months. Upon the conclusion of activities the researchers will prepare and deliver final research reports that describe the research outcomes, deliverables, and proposed avenues for technology transfer and dissemination of research results. The researchers will present the report to the TAC in-person at Turner Fairbank Highway Research Center in McLean, VA.