**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Lead Agency (FHWA or State DOT): Washington State Department of Transportation

**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.*

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| **Transportation Pooled Fund Program Project #**  *(i.e, SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX)*  TPF 5 (284) | | **Transportation Pooled Fund Program - Report Period:**  □XXQuarter 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:**  **Near Road Air Quality Research** | | | |
| **Name of Project Manager(s):**  **Jon Peterson** | **Phone Number:**  **360 705-7499** | | **E-Mail**  peterjn@wsdot.wa.gov |
| **Lead Agency Project ID:** | **Other Project ID (i.e., contract #):** | | **Project Start Date:**  September 2013 |
| **Original Project End Date:**  **December 2018** | **Current Project End Date:**  **December 31, 2019** | | **Number of Extensions:** |

Project schedule status:

XX□ On schedule □ On revised schedule □ Ahead of schedule □ Behind schedule

Overall Project Statistics:

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| **Total Project Budget** | **Total Cost to Date for Project** | **Percentage of Work**  **Completed to Date** |
| 1,020,000 |  |  |

***Quarterly*** Project Statistics:

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| **Total Project Expenses**  **and Percentage This Quarter** | **Total Amount of Funds**  **Expended This Quarter** | **Total Percentage of**  **Time Used to Date** |
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| **Project Description**:  The Tasks described in the study plan are underway. Progress on the project is on schedule and budget. Please contact RJon Jon Peterson (360) 705-7499 if there are any questions or our technical monitor and air quality specialist Karin Landsberg  at (360)705-7491 or [landsbk@wsdot.wa.gov](mailto:landsbk@wsdot.wa.gov)  We are continuing to look for other interested partners in this project. |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**   * TO 1 – Submitted article on Denver and Indianapolis case study for peer-review publication; organized March 27 workshop for all TPF participants. Hosted workshop, synthesized information from workshop and shared with TPF participants. * TO 2 – Completed major work on the Provident case study comparing modeled and measured near-road air quality. Develop synthesis of Indianapolis and Providence findings for presentation at the March workshop. * TO 3 – Completed major technical work on the background concentration subtask and developed presentation findings to share at the March workshop. Completed major technical work on the data fusion subtask, including assessment of near-road PM2.5 increments, forecasted changes in fleet emissions, and a draft framework for using the findings during interagency consultation. Developed March workshop presentation on findings. * Funding commitments for 2019 came in a little later than usual so project extended until December 31, 2019 |
| **Anticipated work next quarter**:  The contractor will wrap up the TO 2 modeled vs. measured near-road analysis work involving Indianapolis and Providence analyses, and prepare a submission of the findings for peer-review publication. The contractor will wrap up the TO 3 work on background concentration assessment and near-road PM2.5 increments, and prepare a draft peer-review article for submission. Under TO 1, the contractor will continue work to draft a final overall report as well as a brief highlights discussion of the major findings from the pooled fund.  The project is scheduled to end December 31, 2019. |

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| **Significant Results:** |
| **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).** |

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| **Potential Implementation:** |