**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.*

|  |  |  |  |
| --- | --- | --- | --- |
| **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:** | | **Number of Extensions:** |

Project schedule status:

XX□ 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** |
| 1,020,000 |  |  |

***Quarterly*** Project Statistics:

|  |  |  |
| --- | --- | --- |
| **Total Project Expenses**  **and Percentage This Quarter** | **Total Amount of Funds**  **Expended This Quarter** | **Total Percentage of**  **Time Used to Date** |
| 00 |  |  |

|  |
| --- |
| **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. |

|  |
| --- |
| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**  Progress for 4th Quarter of 2105-  A fund workshop was held in October with all the partner states and the contractor. Progress on the project was  Reviewed and additional work for Phase 3 was identified. Participants identified topics and questions for potential work,  then, voted to rank the projects by priority. The highest ranked potential project identified was an evaluation of air  quality dispersion model. In addition, the fund partners have continued discussing the results from Phase 1 and how to  discern and inform the air quality analysis from the project. These results have highlighted the need to better understand  model performance.  Progress for 1st Quarter of 2016-  In January, the contractor presented results from two task orders at TRB. One paper was accepted for accelerated publication in the TRR. Additional progress on three task orders during the first quarter of 2016 includes   * Based on input from the fund partners to redirect the scoping study, the contractor drafted a revised work plan to focus on model evaluation to better understand the relationship between modeled and monitored air quality concentrations. * The near-road data assessment has been updated with 2015 monitoring data and analysis. This update also includes several case studies: Detroit, Denver, and Las Vegas. The draft was delivered to the fund partners for review in March. * The contractor has been working to set up modeling scenarios to evaluate the effects of barriers on near-road air quality. The literature review portion has been delivered to the partners. Processing R-LINE model runs identified bugs in the model; the contractor has been working with EPA to resolve the issues. The contractor has begun drafting the report on this task.   The partners also actively pursued additional funding from existing partner states and new partners. |
| **Anticipated work next quarter**:  Phase 2 report should be finalized. |

|  |
| --- |
| **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).** |

|  |
| --- |
| **Potential Implementation:** |