**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Date: \_\_\_\_\_\_4/25/2017\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lead Agency (FHWA or State DOT): \_\_\_\_\_\_Washington State DOT\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**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 #***TPF-5(291)* | **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:****Development of an SPS-2 Pavement Preservation Experiment** |
| **Name of Project Manager(s):****Lu Saechao** | **Phone Number:****360.705.7260** | **E-Mail**saechal@wsdot.wa.gov |
| **Lead Agency Project ID:** | **Other Project ID (i.e., contract #):****Y11728** | **Project Start Date:**2013 |
| **Original Project End Date:** | **Current Project End Date:****2017** | **Number of Extensions:**0 |

Project schedule status:

□ 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** |
| $340,000 | $14,311.82 |  |

***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** |
|  | $0 |  |

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| **Project Description**:

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| This pooled fund effort is established to develop a second tier experiment based upon the existing SPS-2 experiment. The objective is to define the proper intervention timing and strategy selections enabling more effective infrastructure management and pavement life extension. In addition, this effort should develop tools for determining strategy selection and pavement life extension for incorporation into pavement and maintenance management systems. |
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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**Accomplishments in this quarter:1. The contract with NCE was amended to add additional scope, budget (increased by $41,260 from $20,000 to $61,260), and schedule (extended completion date from April 30, 2017 to December 31, 2017). The additional work consists of comparing performance predictions made by the AASHTOWARE PavementME software to actual performance. Three tasks are associated with this work.
* Task 1 – Extracting the required PavementME input data form the LTPP database for the LTPP SPS-2 sections, and converting the extracted data into a PavmentME input file.
* Task 2 – Inspecting each PavementME input file produced from Task 1 and running each input file in the PavementME software.
* Task 3 – Comparing the performance predictions made by the PavementME software to actual performance of the SPS-2 sections.
1. Formed an Expert Task Group to help assess test sections and to recommend preservation strategies
 |
| **Anticipated work next quarter**:Complete the Phase 1 work that includes the additional new proposed work from above and complete the Final Report. Hold TAC meeting to assist NCE in carrying out the new work. Plan for Tech days to visit SPS-2 section sites. |

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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:**  |