**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Date: \_\_\_\_\_\_7/27/2017\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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  ($61,260 Agreement Y11728) | $27,732.41 |  |

***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** |
|  | $13,420.59 |  |

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| **Project Description**:   |  | | --- | | 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.):**  NCE started efforts on Tasks 8.1 – 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. |
| **Anticipated work next quarter**:  NCE to continue efforts on Tasks 8.1-8.3 (targeting completion by August) and presenting data to TAC. Hold joint TAC meeting and Tech day (potentially at SPS-2 site in Colorado) in September/October to review Tasks 8.1-8.3 results to guide the next phase of the study.  Purpose of Tech Days: At the locations deemed to be part of the experiment, conduct tech day events with the local agency and personnel. Tech day would consist of several activities:   * 1. Conduct a presentation of the Task 8.1-8.3 information in a workshop setting.   2. Field assessment and verification of recommendations by the ETG.   3. Field assessment and recommendations developed by field participants. All the recommendations will be summarized and shared with the group. This will allow participants to compare their own evaluations to the overall group as well as to the ETG.   4. Develop future champions of the SPS-2 research and bring awareness (Tech Transfer) to the SPS-2 results.   5. Train students and agency personnel regarding concrete pavement preservation strategies.   6. Engage the industry as partners in these efforts. |

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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:** |