**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Date: \_\_\_\_\_\_4/29/2016\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 #**  *SPR-3(098)* | | **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:**  **Pavement Reconstruction Scheduling Software** | | | |
| **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 #):**  **GCA2103-03**  **DP01232, Y9381, K759** | | **Project Start Date:**  2000 |
| **Original Project End Date:** | **Current Project End Date:**  **6/30/2016** | | **Number of Extensions:** |

Project schedule status:

□On schedule □ On revised schedule □ Ahead of schedule X Behind schedule

Overall Project Statistics:

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| **Total Project Budget** | **Total Cost to Date for Project** | **Percentage of Work**  **Completed to Date** |
| $2,021,393.97 | $1,955,243.97 | 97% |

***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** |
|  | $80,375.00 |  |

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| **Project Description**:  To develop a software simulation tool which can be used to consider pavement design options along with construction scheduling, resource constraints, traffic management, and user-delays. |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**  During the past quarter Pavia Systems continued work on Task 3 (Update and deploy CA4PRS online) and Task 4 (Training Material Development). Task 3 focused on the ongoing conversion, development and testing of CA4PRS online which included simulation model testing, interface and application testing/debugging.  Pavia Systems also continued to expand upon the existing training material to coincide with the interface development. Per Caltrans request, the project team intends to develop an informational flyer and outreach materials to promote the software as an element of Task 5.  Additionally, Pavia continued to work with UCB to resolve some of the legacy software issues pertaining to copyright of the older program. |
| **Anticipated work next quarter**:  Finalize the software conversion (Task 3), coordinate and put on training events (Task 4) with Caltrans district personnel and prepare lead materials to promote (Task 5) and inform about the event. Finalize and resolve the copyright issue. Extend the contract end date past June to allow for the training event implementation. |

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| **Significant Results:**  CA4PRS version 3.0 of the software is available as well as online training. |
| **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:**  The CA4PRS software is being used in multiple states. |