**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Date: \_\_\_\_\_\_March 21, 2012\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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):**  **Kim Willoughby** | **Phone Number:**  **360.705.7978** | | **E-Mail**  willouk@wsdot.wa.gov |
| **Lead Agency Project ID:** | **Other Project ID (i.e., contract #):**  **GCA2103-03**  **DP01232** | | **Project Start Date:**  2000 |
| **Original Project End Date:** | **Current Project End Date:**  **12/31/2012** | | **Number of Extensions:** |

Project schedule status:

□On schedule X 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** |
| $1,576,394 | $1,065,961 | 68% |

***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** |
| $14,939 | $14,939 |  |

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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.):**  CA4PRS version 2.5 has been completed and work continues on version 3.0, which is the roadway widening module. Additional hands-on training has been conducted in CA (Caltrans District 11 in San Diego). A few advanced traffic enhancement features were added.  Continued national outreach continues. Four western states (NM, NV, OR, AZ) were provided a 1-day hands-on workshop at the end of 2011. Some potential collaboration with a related SHRP2 task (R11 work-zone network) was made. |
| **Anticipated work next quarter**:  Continue work on version 3.0.  Continue hands-on training when requested.  Continue outreach activities.  Prepare work-plan (task order) for the upcoming versions (v3.5 and 4.0). |

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| **Significant Results:**  CA4PRS version 2.5 is available as well as online training through version 2.0. |
| **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. |