**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Date: \_October 31, 2011\_\_\_\_\_\_\_\_\_\_\_\_\_

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.*

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| **Transportation Pooled Fund Program Project #***(i.e, SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX)*TPF-5(181) | **Transportation Pooled Fund Program - Report Period:**□Quarter 1 (January 1 – March 31)□Quarter 2 (April 1 – June 30)XQuarter 3 (July 1 – September 30)□Quarter 4 (October 1 – December 31) |
| **Project Title:****Transportation Research Program Management Database** |
| **Name of Project Manager(s):****Tim Carlile** | **Phone Number:****(360) 705-7975** | **E-Mail**carlilt@wsdot.wa.gov |
| **Lead Agency Project ID:****TPF-5(181)** | **Other Project ID (i.e., contract #):** | **Project Start Date:**December 2009 |
| **Original Project End Date:** | **Current Project End Date:****July 2012** | **Number of Extensions:** |

Project schedule status:

X 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** |
| $793,000 | $424,650 | 53% |

***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 | 0 | Over 50% |

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| **Project Description**:To modify the California Department of Transportation(Caltrans) Research Program Management Database (RPMD)in FileMaker Pro to: 1)accommodate the system modifications needed for implementation by the Washington State Department of Transportation (WSDOT), 2)identify the needs and proposed modifications for participating states, and 3)enhance the RPMD to add new functions to meet additional research program management business needs of participating states, including management of the Transportation Pooled Fund (TPF) Module.  |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**The project has hit some roadblocks this quarter including --- (1) an unsustainable rate of contract expenditures with 50% of contract funds expended and only 20% of project delivered, (2) the unanticipated complexity of the *web-RPMD* product envisioned to provide desired features and assure data integrity for DRI's processes. Compounding these issues, Caltrans IT notified us earlier this week that they no longer have the resources available to support development and deployment activities. This means an even greater portion of the work remains un-resourced. Combined, these factors significantly impact how the project moves forward. DRI management has been considering options, and a decision is pending. Management spent a few months examining the possibility of using a vendors software tool that directly translates Filemaker Pro into open-sourced coding. After detailed examination, the addition coding and clean-up that would be required coupled with the necessity of security features and open ended expenses for unknown issues increased the costs to close to what was proposed by Cambria as an alternative solution. |
| **Anticipated work next quarter**:Begin actual coding of the proposed migration of the existing RPMD to a web-based system. Some meetings will proceed between the subject matter experts and Cambria. WashDOT will pursue a contract amendment for time only. |

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| **Significant Results:**Due to complexity of project and funding limits we have examined opportunity to modify existing contract to perform straight conversion of existing database tool. Refocusing effort of overall project is underway. |
| **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).**The project has hit some roadblocks this quarter including --- (1) an unsustainable rate of contract expenditures with 50% of contract funds expended and only 20% of project delivered, (2) the unanticipated complexity of the *web-RPMD* product envisioned to provide desired features and assure data integrity for DRI's processes. Compounding these issues, Caltrans IT notified us earlier this week that they no longer have the resources available to support development and deployment activities. This means an even greater portion of the work remains un-resourced.The resolution being pursued is to work with Cambria on a straight coding of existing Filemaker Pro RPMD to a web-based RPMD with no added features that would include the NCHRP module or the TRB module. Cambria is most knowledgeable with the existing system although a change in the team members is proposed for a more streamlined outcome. Due to delays we are likely to necessitate one last contract amendment to time only. |

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| **Potential Implementation:** None at this time until end of contract. |