**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Lead Agency: **----** **Utah 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 #**  **TPF-5(064)** | | **Transportation Pooled Fund Program - Report Period:**  \_ Quarter 1 (January 1 – March 31)  \_ Quarter 2 (April 1 – June 30)  X\_ Quarter 3 (July 1 – September 30)  \_ Quarter 4 (October 1 – December 31) | |
| **Project Title:**  **Western Alliance for Quality Transportation Construction (WAQTC)** | | | |
| **Name of Project Manager(s):**  **Scott Andrus** | **Phone Number:**  **801-965-4859** | | **E-Mail:**  **scottandrus@utah.gov** |
| **Lead Agency Project ID:**  **42009** | **Other Project ID (i.e., contract #):** | | **Project Start Date:**  October 1, 2002 |
| **Original Project End Date:**  **October 1, 2011** | **Current Project End Date:**  **Based on the current funding, this project should last to** **2016** | | **Number of Extensions:**  N/A |

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** |
| $420,000.00 | $154,721.09 | Goals are ongoing no end date; to  Date goals are being met. |

***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** |
| $15,874.05 | $15,874.05 | 99% |

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| **Project Description**:  Western Alliance for Quality  Transportation Construction  2011 Strategic Plan  The Western Alliance for Quality Transportation Construction (WAQTC) is a voluntary  organization, whose membership recognizes the advantages of a unified effort leading  to significant accomplishments.  The WAQTC is focused in three main areas:  1. Standardization of test methods (WAQTC, AASHTO, ASTM)  2. Accreditation of sampler / testers through the Transportation Technician  Qualification Program (TTQP)  3. Working together on national programs of interest including research, training, and  technology deployment  **MISSION STATEMENT:**  *Provide leadership in the pursuit of continuously improving quality in*  *transportation construction*  **GOALS**  To accomplish this mission, the WAQTC has established the following goals:   **Promote an atmosphere of trust, cooperation, and communication among**  **government agencies and the private sector**   **Respond in a unified and consistent manner to identified quality**  **improvement needs and new technologies that impact the products we**  **provide**   **Provide a forum to promote uniform test standards**   **Provide highly skilled, knowledgeable materials sampling and testing**  **technicians**   **Provide reciprocity for qualified testing technicians among accredited**  **Agencies**  Strategic Plan  WAQTC Page 2  **PLAN:**  To achieve the goals, the WAQTC has established this strategic plan to guide our efforts  and prioritize the expenditure of funding in the coming years. The Executive  Committee, as defined in the WAQTC By‐Laws, will oversee the execution of this plan  through its Qualification Advisory Committee (QAC). The Executive Committee will  review and update this plan annually and prioritize work for the coming year.  **Promote an atmosphere of trust, cooperation, and communication among**  **government agencies and the private sector**  **On‐going Activities:**   **Update and maintain the WAQTC website**  **Short term Goals**   **Develop Semi‐Annual Newsletter**  A newsletter will be developed and posted on the WAQTC website and eventually sent to  qualification holders and others associated with the WAQTC electronically. The newsletter  may be provided to other selected officials to market the organization to non‐member  agencies. Newsletters will include WAQTC and AASHTO news and updates.  **Long term Goals**   **Development of Presentation Materials**  Presentations on WAQTC: the benefits of membership, technology transfer  opportunities, activity reports, training modules, etc.  **Respond in a unified and consistent manner to identified quality**  **improvement needs and new technologies that impact the products we**  **provide**  **On‐going Activities:**   **Seek input through newsletter on better ways to provide quality**  **improvements and technologies.**   **Evaluate training materials every 5‐years for content**  Part of the ongoing QAC effort.  Strategic Plan  WAQTC Page 3  **Short term Goals**   **Update and maintain Training Materials in the latest MS Office product**  **Provide a forum to promote uniform test standards**  **On‐going Activities:**   **Identify proposed modifications or new AASHTO test methods through the**  **QAC. The Executive Committee will assign a champion for each proposed**  **new or modified procedure and track progress of WAQTC proposed**  **changes at AASHTO. Status of procedures will be posted on WAQTC**  **website.**  The WAQTC has become a powerful influence with the AASHTO SOM and the  benefits/costs of this effort and the working committee (QAC) are included in  the on‐going efforts.  **Long term Goals**   **Develop WAQTC equipment calibration standards**  **Provide highly skilled, knowledgeable materials sampling and testing**  **technicians**  **On‐going Activities:**   **QAC Sub‐Committee to Review Exam Question Selection**  The QAC will develop objectives for the written exam and assign a subcommittee  to review question selection.   **Develop a 4th Qualification Exam for each materials discipline**  The training materials for 2011 included a 4th exam for each of the qualification  modules; this exam is currently being vetted by the member states.   **Modify Alaska CAgT PowerPoint and Implement for WAQTC**  The training materials for 2011 included a new Aggregate Module PowerPoint  training presentation based on Alaska CAgT, this presentation is currently being  evaluated.  Strategic Plan  WAQTC Page 4  **Short term Goals**   **Evaluate and modify other Alaska training modules for**  **incorporation into WAQTC**  New PowerPoint training presentations based on Alaska training modules to be  developed incorporating feedback from the pilot Aggregate presentation.   **Discontinue the Oral Performance Exams – Incorporate**  **Objectives into Written Exam**  There are currently four Oral Performance exams being used related to  sampling. Use of these performance exams will be discontinued when the  written exam incorporates the objectives of the oral performance exams.   **Develop 3‐5 New Questions per Year, per Module**  The QAC will develop new questions for each module each year in an effort to  keep written exams fresh and current.   **Explore Moving to Open Book Exam**  The QAC will establish objectives for the written exam and make a proposal to  the Executive Committee on the value of developing Open‐Book written exams.  Proposal will include selection of a psychometrician to work with WAQTC for  creating and evaluating the exams.   **Re‐Development of Existing WAQTC Instructional Materials**  Re‐design / redevelop the existing WAQTC instructional and testing materials.  **Long term Goals**   **Develop Asphalt Volumetric Module**  A new Asphalt Volumetric Module based on the current Asphalt module and  materials used by member states that have independent qualifications for  Asphalt Volumetric evaluations.   **Develop Training for Exam Proctors and Develop Trainer**  **Qualification Requirements**  To standardize the qualification process throughout the member states Exam  Proctors will have training on exam oversight and Trainer’s will have specific  requirements.   **Develop Electronic Question Database – Randomly Generate**  **Questions**  Develop enough exam questions that a database can create a randomly  generated ‘unique’ exam for each participant.  Strategic Plan  WAQTC Page 5   **Develop SOP for Humphrey’s Curve**  Develop a Specified Method of Testing based on the use of AKDOT & PF ATM  212, ITD T 74, WSDOT TM 606, and/or WFLHD HUMPHRYS CURVES to submit  to AASHTO.  **Provide reciprocity for Qualified testing technicians among accredited**  **Agencies**  **Short term Goals**   **Reciprocity Audits of Member State**  Develop a manual and program for auditing the WAQTC member organizations  to ensure qualification criteria are being adhered to within the program.  **Long term Goals**   **Increase reciprocity to states outside of membership**  **2011 Planned Work**  The following work was prioritized by the Executive Committee for 2011:  1. Continue work on on‐going activities  2. Develop a semi‐annual newsletter  3. Evaluate moving to an open book written exam  4. Evaluate existing training materials for needed improvements / updates  **5.** Evaluate and modify other Alaska training modules for incorporation  into WAQTC.  **6.** Remove oral Performance exam questions and incorporate into the  written exam.  **7.** Develop Asphalt Volumetrics module.  **8.** Develop training for proctors and trainer qualification requirements.  **9.** Develop SOP for Washington T 606: Humphrey’s Curve |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**  QAP Committee met with ongoing work on improving and standardizing the technician certification process.  Executive committee met to approve strategic plan.  Revised question set for written certification exam.  Instigated development of new Superpave certification module.  Introduced 3 proposed changes to AASHTO standards at Vermont SOM conference.  Elected new Executive Committee Chair and Vice Chair.  Developed new online training material.  Upgraded website. |
| **Anticipated work next quarter**:  Extend TPF-5(064).  Work to maintain and expand membership.  Continued improvement process to technician certification exams.  Superpave module development. |

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| **Significant Results:**  **Improved and more standardized testing procedures.**  **Successful introduction of changes to AASHTO test procedures at SOM conference.**  **Transition to new Executive Committee leadership due to retirement of former Chairman.**  **New strategic plan developed.** |
| **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).**  **Need to extend the TPF to continue work currently underway.**  **Collect all financial commitments from various members.** |

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| **Potential Implementation:** |