**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(349)** | | **Transportation Pooled Fund Program - Report Period:**  \_ Quarter 1 (January 1 – March 31, 2021)  \_ Quarter 2 (April 1 – June 30, 2021)  \_ Quarter 3 (July 1 – September 30, 2021)  **X Quarter 4 (October 1 – December 31, 2021)** | |
| **Project Title:**  Western Alliance for Quality Transportation Construction (WAQTC) | | | |
| **Name of Project Manager(s):**  Scott Nussbaum | **Phone Number:**  801-726-9065 | | **E-Mail**  snussbaum@utah.gov |
| **Lead Agency Project ID:**  FINET 42079, PIN 15004 | **Other Project ID (i.e., contract #):**  1st UDOT Contract No. 17-9182  2nd UDOT Contract No. 21-8438 | | **Project Start Date:**  June 14, 2016 (pooled fund)  June 27, 2017 (1st contract)  November 10, 2020 (2nd contract) |
| **Original Project End Date:**  September 30, 2021 (pooled fund) | **Current Project End Date:**  November 30, 2020 (1st contract SOW)  November 30, 2022 (2nd contract SOW)  March 31, 2022 (pooled fund) | | **Number of Extensions:**  1st contract: 7 contract mods  2nd contract: 1 contract mod |

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** |
| Total commitments = $351,000.00  Current obligated funds = $490,518.97  1st contract amount = $333,141.33  2nd (current) contract amount = $154,003.28  Fund balance not on contract = $57,149.91 | $298,081.23 (from 1st contract)  $41,204.01 (from 2nd contract)  $5,284.55 (contract management) | Goals are ongoing, no end date |

***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** |
| 4% (2nd contract) | $6,428.18 (2nd contract) | 96% (project) |

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| **Project Description**:  WAQTC is focused in three main areas: Standardizing test methods (WAQTC, AASHTO, and ASTM), accreditation of the Transportation Technician Qualification Program (TTQP), and working together on national programs of significance including research, training, and technology deployment.  The WAQTC Mission Statement is to: “Provide leadership in the pursuit of continuously improving quality in transportation construction.”An Executive Board consisting of at least one representative of each member agency governs the WAQTC.Through our partnership, we will:  • promote an atmosphere of trust, cooperation, and communication between 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 that 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  TPF-5(349) funds the continued development and refinement of the TTQP, including:  • Maintaining and revising the six existing WAQTC TTQP training and certification courses in coordination with member state agencies;  • Distributing training materials, including training manuals, PowerPoint presentations, and written and practical exams, to member states;  • Maintaining the WAQTC website; and  • Developing and presenting proposed revisions and new standards to the AASHTO Subcommittee on Materials.  ***IMPORTANT UPDATE:***  ***UDOT is transitioning the WAQTC pooled fund from TPF-5(349) to a new TPF study number in 2021 and 2022. See the new TPF-5(476). As such, partner agencies are requested to zero out their 2021 funding commitment on TPF-5(349) and instead place the 2021 funding commitment (and following years' commitments) on the new TPF-5(476).*** |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**  Meetings:   * 5 November 2021 Executive Board Meeting   + Leadership Change, Larry Ilg is now WAQTC Chair   + Written exam direction for ASTM D3740 Compliance   + Direction to pursue proctored remote “written” examinations.   + AASHTO R 47 Revisions to championed in TS 2c Mid-year meetings.   + Agreement to move non-Federal funds from the old pooled fund to the new fund when federal funds are expended.   + Approval to pursue contracting with Kryterion for online or testing center exam delivery through the exam task force.     - Investigate virtual written exam delivery.     - Review written exam delivery methodology.   + QAC-revised training materials for 2022 reported as distributed to the member agencies. |
| **Anticipated work next quarter**:   * Preliminary implementation of third-party testing option. * QAC Winter meeting January 31 – February 4. * Next Executive Board meeting to be held in conjunction with the WASHTO meeting in Long Beach, CA. |

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| **Significant Results:**  2022 Training materials and exams were updated, finished, and delivered the member states.  AASHTO test method revisions and proposals as outlined above.  Adjustments to exam policy and examinations, including authorization for and progress toward third-party electronic delivery of examinations. |
| **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).**  2022 Training materials and exams were updated, finished, and delivered the member states.  The COVID-19 pandemic reduced ability to travel and meet in-person. Video conferences were used and the QAC members were included in board meetings. |

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| **Potential Implementation:**  Revised Field Operation Procedure Manuals were delivered in Fall of 2021 for January 2022 implementation.  AASHTO revisions will be promoted in AASHTO COMP mid-year meetings. |