**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(476)** | | **Transportation Pooled Fund Program - Report Period:**  **X Quarter 1 (January 1 – March 31, 2023)**  \_ Quarter 2 (April 1 – June 30, 2023)  \_ Quarter 3 (July 1 – September 30, 2023)  \_ Quarter 4 (October 1 – December 31, 2023) | |
| **Project Title:**  Western Alliance for Quality Transportation Construction (WAQTC) 2021-2025 | | | |
| **Name of Project Manager(s):**  Scott Nussbaum | **Phone Number:**  801-726-9065 | | **E-Mail**  snussbaum@utah.gov |
| **Lead Agency Project ID:**  FINET 42102, PIN 19538 | **Other Project ID (i.e., contract #):**  1st UDOT Contract No. 22-9061 | | **Project Start Date:**  April 1, 2021 (pooled fund)  April 28, 2022 (1st contract) |
| **Original Project End Date:**  September 30, 2025 (pooled fund) | **Current Project End Date:**  May 2, 2023 (1st contract SOW)  September 30, 2025 (pooled fund) | | **Number of Extensions:**  1 |

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** |
| Total commitments = $408,000.00  Current obligated funds = $442,054.65  1st contract amount = $134,692.10  Fund balance not on contract = $307,362.55 | $108,310.02 (from 1st contract)  $0.00 (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** |
| 27% (1st contract) | $36,108.45 (1st contract) | 44% (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(476) 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 transitioned the WAQTC pooled fund from TPF-5(349) to this new study number TPF-5(476) in 2021 and 2022. 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).***  ***We also kindly request that partner agencies continue transferring their annual funding commitments to UDOT for the new TPF-5(476).*** |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**  Meetings:   * 2023 Qualification Advisory Committee Meeting   + Review and propose revisions to AASHTO Standards     - Embankment, Base, and In-Place Density Test Methods       * T 265, T 99, T 180, R 75, T 272, T 85, T 310, T 355     - Concrete Test Methods       * R 60, T 309, T 119, T121, T 152, R 100, R 39     - Aggregate Test Methods       * R 90, R 76, T 255, T 11, T 27, T 225, T 176     - Asphalt Test Methods       * R 97, R 47, T 329, T 308, T 209, T 166, R 66, T 30, T 312, R 35     - Other AASHTO Test Methods       * R 39, T 88, T 112, T 315   + Review and Revise WAQTC Field Operating Procedures     - R 60, R 79, T 84, T 89, T 90, T 217, T 304, T 331     - TM 14, TM 15, TM 16, TM 17   + Training Materials and Exams     - Gradation questions on Written Exam should be on the Performance Exam     - TM 13 Performance Exam   + Third-party Exam Delivery     - Rights and Responsibilities Agreement     - Exam Durations     - Test Aids for Kryterion     - Catalog Description   + Administration Manual and RP&IH Revisions   + Sampling Module   + YouTube Channel   + Strategic Plan Action Items * 2023 WAQTC Executive Board 2023 Spring Meeting Minutes   + Review the status 2022 proposed revisions for AASHTO     - R 47, R 76, T 30, T 112   + Review the QAC-Proposed revisions     - T 11, T 27, R 30, T 121, T 166, T 329   + QAC Leadership Assignments   + QAC-proposed Administration Manual and RP&IH Revisions   + Funding and Budget   + Third-Party Written Exam Delivery   + T 310 Procedure for Nuclear Gauge Calibration Blocks   + YouTube Channel   + Strategic Plan Action Items |
| **Anticipated work next quarter**:   * QAC and Executive Board Summer Meetings,   + Update of WAQTC Training Materials * Preparations for WAQTC Tasks at AASHTO COMP Annual Meeting * Review and Evaluation of tasks for Task Force on Nuclear Density Gauge calibration. * Continued review and development of online training and videos. * Continued implementation and review of online examinations in third-party and agency training centers. |

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| **Significant Results:**  2023 Training and examination materials were updated, finished, and securely delivered to the member agencies.  Online exams were made available to member agencies through Kryterion. |
| **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:**  Revisions to AASHTO Standards will continue through the annual AASHTO COMP subcommittees and standards annually.  Revisions to WAQTC training and examination materials will be made and published in the Fall of each year. |