**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.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Transportation Pooled Fund Program Project #**  **TPF-5(349)** | | **Transportation Pooled Fund Program - Report Period:**  **X Quarter 1 (January 1 – March 31, 2022)**  \_ Quarter 2 (April 1 – June 30, 2022)  \_ Quarter 3 (July 1 – September 30, 2022)  \_ Quarter 4 (October 1 – December 31, 2022) | |
| **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)  June 30, 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:

|  |  |  |
| --- | --- | --- |
| **Total Project Budget** | **Total Cost to Date for Project** | **Percentage of Work**  **Completed to Date** |
| Total commitments = $351,000.00  Current obligated funds = $526,518.97  1st contract amount = $298,081.23  2nd (current) contract amount = $154,003.28  Fund balance not on contract = $93,149.91 | $298,081.23 (from 1st contract)  $64,919.89 (from 2nd contract)  $5,284.55 (contract management) | Goals are ongoing, no end date |

***Quarterly*** Project Statistics:

|  |  |  |
| --- | --- | --- |
| **Total Project Expenses**  **and Percentage This Quarter** | **Total Amount of Funds**  **Expended This Quarter** | **Total Percentage of**  **Time Used to Date** |
| 15% (2nd contract) | $23,715.88 (2nd contract) | 96% (project) |

|  |
| --- |
| **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).*** |

|  |
| --- |
| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**  Meetings:   * 31 Jan 2022 – 4 Feb 2022: **Qualification Advisory Committee Meeting**: Reno NV   + Discussion and sharing of pandemic operation revisions, planning, and adaptation.   + Review of the TTQP Administration Manual, and Rights, Policy, and Information Handbook.   + Review and discussion of the 2021 Strategic Plan   + Review and Revision Proposals for AASHTO Standards   + Review and revision of nomenclature and symbols used for density in TTQP Manuals.   + New proposed revisions were planned for:   + T 310 Field Operating Procedures   + *Basics of Compaction and Density*   + T 309 Field Operating Procedures   + AASHTO R 76   + AASHTO R 47   + T 308 Field Operating Procedures   + AASHTO T 30   + AASHTO T 315   + AASHTO T 84   + AASHTO T 112   + Proposed combination and simplification of practical exam checklists.   + Proposed revisions to the TTQP Administration Manual, and Rights, Policy, and Information Handbook   + Proposal for a WAQTC YouTube channel. * 27 March 2022 – 28 March 2022: **Executive Board Meeting**: Long Beach CA   + Review of pending proposals for AASHTO Standards   + Review of previous proposals and publication in AASHTO Standards 2019-2021   + Discussion of issues and concerns     - Non-nuclear and low-nuclear density measures.   + Review and approval of QAC Proposed AASHTO Revisions     - Modifications to proposals for R 76 and R 47     - Assignments for T 30, T 112,   + Review and approval for revisions to the TTQP Administration Manual, and Rights, Policy, and Information Handbook   + Initiation of Reciprocity review and questionnaire   + Review of Funding and Budget     - Includes discussion of transition to new consultant contract and new pooled fund.     - Included a discussion of costs associated with third-party creation and administration of online written exams.   + Direction set to contract with a selected third-party vendor for written exam delivery for the proposed and negotiated costs.   + Direction set to implement a private YouTube Channel   + Strategic Plan revised.   + Exam scoring criteria revision planned. |
| **Anticipated work next quarter**:   * Contract with third-party for testing and implement online exams. * Develop private YouTube Channel * Continue development of online training and videos. |

|  |
| --- |
| **Significant Results:**  AASHTO Specifications for included procedures were reviewed and evaluated. Changes were proposed and assigned for action in AASHTO COMP.  Field Operating Procedures for those test procedures were reviewed and evaluated. Changes were proposed and approved. |
| **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).**  In-person meetings have resumed, and expansion of our scope to include online delivery of written examinations and to provide online training materials was implemented. |

|  |
| --- |
| **Potential Implementation:**  Revisions to AASHTO Standards will occur through the AASHTO COMP subcommittees and standards processes. Revisions to WAQTC materials will be made and published in the Fall of 2022. |