**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Lead Agency (FHWA or State DOT): \_\_\_**FHWA**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**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(507) | | **Transportation Pooled Fund Program - Report Period:**  □ Quarter 1 (January 1 – March 31)  □ Quarter 2 (April 1 – June 30)  □ Quarter 3 (July 1 – September 30)  X Quarter 4 (October 1 – December 31) | |
| **Project Title:**  National Hydraulic Engineering Conference | | | |
| **Name of Project Manager(s):**  Megan Frye | **Phone Number:**  (303) 396-9847 | | **E-Mail**  megan.frye@dot.gov |
| **Lead Agency Project ID:**  FHWA | **Other Project ID (i.e., contract #):** | | **Project Start Date:**  May 19, 2023 |
| **Original Project End Date:**  May 2027 | **Current Project End Date:**  May 2027 | | **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** |
| $39,843 | $3,976 | 35% |

***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% | $0 | 35% |

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| **Project Description**:  For more than 20 years, the FHWA has led the coordination of opportunities for collaboration, technology deployment, and best practice information sharing among transportation hydraulic engineers and practitioners. In recent years, FHWA has partnered with the AASHTO Technical Committee on Hydrology and Hydraulics and the TRB AFB60 Subcommittee to coordinate the opportunities. These coordinated opportunities have improved the state of the practice of transportation hydraulic engineers and practitioners.  There are conferences planned for Summer 2024, 2026, and 2028. The objectives of this study are:   * Provide opportunities for communication and information sharing among state hydraulic engineers, federal agencies, and national technical organizations (AASHTO TCHH and TRB AFB60) through the National Hydraulic Engineering Conference. * Provide a technology and knowledge exchange forum to enhance the practical knowledge of member states concerning transportation hydraulic engineering, including advanced modeling technologies, FHWA initiatives, and best practices.   For each conference, a Steering Committee will be formed by AASHTO TCHH, TRB AFB60, TRB AFB65, FHWA, and the host state. Deliverables will include quarterly report updates and a final summary report of each conference. The Federal Highway Administration will serve as the coordinator for this pooled-fund project. State DOT's will be solicited for their interest and participation. The minimum commitment per year for a state is $500. Commitments may be used for registration fees and travel expenses as funds permit.  The Steering Committee will serve as lead for the execution of this Pooled Fund project. The principal tasks are:   1. Coordinate web-meetings amongst committee members and with host state to plan biennial conference. 2. Select Host State for Biennial National Hydraulic Engineering Conference. 3. Solicit abstracts and select viable presentations that will communicate latest research and best practices on transportation hydraulic engineering. 4. Develop workshops to train conference attendees. 5. Develop Field Trips to highlight best practices in host state. 6. Facilitate AASHTO TCHH Meeting. This meeting in conjunction with the Biennial conference discusses current state of the practice and issues and potential research initiatives. 7. Facilitate TRB AFB60/AFB65 Meetings. This meeting in conjunction with the Biennial conference discusses current state of the practice and issues and potential research initiatives. 8. Facilitate conference – including registration, name badges, etc. 9. Record conference presentations for post-conference training |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**  Planning for the 2026 National Hydraulic Engineering Conference should commence in January 2025. The steering committee meets around once a month to discuss the status of the conference including venue coordination, host State DOT coordination, and other tasks.  October 2024 – The Steering Committee began coordination with the 2024 Host State DOT to post conference videos.  November 2024 – Drafted solicitation for State DOT host for NHEC 2026 as well as AASHTO TCHH Hydrolink article.  December 2024 - Solicitation e-mail to State DOTS as well as TCHH Hydrolink article went out. |
| **Anticipated work next quarter**:  Review the State DOT submissions for the NHEC 2026 solicitation, conduct follow-up interviews with interested states, and select the host state. |

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| **Significant Results:**  Solicitation for host of 2026 conference sent to State Hydraulic Engineers. |
| **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).**  None. |

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| **Potential Implementation:**  The 2024 National Hydraulic Engineering Conference was held in Biloxi, MS hosted by the Mississippi DOT. The conference included workshops, breakout rooms, peer exchanges, field trips, and presentation by/for Hydraulic Engineers working in transportation. After the conference, the presentations will be made available through YouTube.  Similar implementation is expected for the 2026 and 2028 conferences. |