**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(447)* | | **Transportation Pooled Fund Program - Report Period:**  🗷Quarter 1 (January 1 – March 31)  □Quarter 2 (April 1 – June 30)  □Quarter 3 (July 1 – September 30)  □Quarter 4 (October 1 – December 31) | |
| **Project Title:**  **Traffic Control Devices Pooled Fund Study** | | | |
| **Name of Project Manager(s):**  Laura Mero, FHWA Matthew Marchese | **Phone Number:**  (202) 493-3377 (202) 493-3380 | | **E-Mail**  [Laura.Mero@dot.gov](mailto:Laura.Mero@dot.gov) [Matthew.Marchese.CTR@dot.gov](mailto:Matthew.Marchese.CTR@dot.gov) |
| **Lead Agency Project ID:**  TPF-5(447) | **Other Project ID (i.e., contract #):** | | **Project Start Date:** October 1, 2002 |
| **Original Project End Date:**  N/A Continuing Effort | **Current Project End Date:** | | **Number of Extensions:** |

Project schedule status:

🗷 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** |
| Values indicate total commitments  2016 – $325,000  2017 – $375,000  2018 – $290,000  2019 – $335,000  2020 – $660,000 | Ongoing Project (N/A) | Ongoing Project (N/A) |

***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** |
| Ongoing Project (N/A) | Ongoing Project (N/A) | Ongoing Project (N/A) |

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| **Project Description**:  The purpose of the TCD PFS is to assemble a consortium composed of regional, State, local entities, appropriate organizations and the FHWA to 1) establish a systematic procedure to select, test, and evaluate approaches to novel TCD concepts as well as incorporation of results into the MUTCD; 2) select novel TCD approaches to test and evaluate; 3) determine methods of evaluation for novel TCD approaches; 4) initiate and monitor projects intended to address evaluation of the novel TCDs; 5) disseminate results; and 6) assist MUTCD incorporation and implementation of results. |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):** Traffic Control Devices Pooled Fund Study Technical Support  * Held Q1 call * Scheduled quarterly call * Canceled and began rescheduling annual meeting due to COVID-19 (see “circumstances effecting budget”) * Began adding members to SharePoint * Continued making revisions to charter * Submitted first draft of Digital Sign Printing State of the Practice document   **Sign Guidance for Zipper Merge**   * Completed reviewing literature and gathering agency input on sign designs. * The team is incorporating the determination of symbols and signs into the research plan. * The team began development of the research plan.   **Enhancing Conspicuity for Standard Signs and Retroreflectivity Strips on Posts**   * Continued preparations for data collection in Iowa and Virginia in Spring 2020 * Toxcel and Leidos began coordinating plans for eye tracking data collection |
| **Anticipated work next quarter**: Traffic Control Devices Pooled Fund Study Technical Support  * Hold Q2 call * Reschedule annual meeting * Continuing charter revisions * Submit revised version of Digital Sign Printing State of the Practice document * Continue tracking contributions   **Sign Guidance for Zipper Merge**   * Sign designs will be finalized for the laboratory study. * The team plans to complete the research plan draft to submit to FHWA. * Laboratory data collection will begin, depending on impacts from COVID-19 restrictions.   **Enhancing Conspicuity for Standard Signs and Retroreflectivity Strips on Posts**   * Continue preparations and begin data collection in Iowa and Virginia * Toxcel and Leidos to continue plans on eye tracking data collection procedures * Some aspects of data collection (i.e. eye tracking and speed data) may be delayed based on restrictions from COVID-19 |

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| **Significant Results:**  Past projects have led to significant results and changes that were incorporated into the 2009 MUTCD, particularly from the Symbol Sign, Arrow Per Lane Guide Signs, and Roundabout Signing studies. Recent studies are being considered by the MUTCD for incorporation into the next MUTCD. |
| **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).**  Data collection efforts have been put on hold due to the COVID-19 pandemic. Currently conducting any project related work that can be completed while teleworking. A return date is unknown and could impact project schedules. |

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| **Potential Implementation:**  All results from the Traffic Control Devices Pooled Fund Study are presented to the National Committee on Uniform Traffic Control Devices (NCUTCD) and are considered by FHWA for inclusion in subsequent MUTCD versions. |