**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Date: \_\_\_\_\_\_\_11/4/2020\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 #**  **NEW#: TPF-5(322) (Started 7/1/15)**  OLD#: TPF – 5(029) (retired) | | **Transportation Pooled Fund Program - Report Period:**  Quarter 1 (January 1 – March 31)  Quarter 2 (April 1 – June 30)  X Quarter 3 (July 1 – September 30)  Quarter 4 (October 1 – December 31) | |
| **Project Title:**  **High Occupancy Vehicle (HOV)/Managed Use Lane (MUL)** | | | |
| **Name of Project Manager(s):**  **Greg Jones** | **Phone Number:**  **404-895-6220** | | **E-Mail:**  GregM.Jones@dot.gov |
| **Lead Agency Project ID:** | **Other Project ID (i.e., contract #):** | | **Project Start Date:** |
| **Original Project End Date:** | **Current Project End Date:**  **N/A** | | **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** |
| The current budget for new projects is  $245,000. $488,000 in unexpended funds  remain from the previous year and may be  added to the project budget for a total of  $733,000.  $189,000 in funding has additionally been  left over from states no longer part of the  pooled fund.  These states may allow the funds to be used  toward the new project budget. | N/A | 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** |
| N/A | No additional projects let | N/A |

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| **Project Description**:  The pool fund effort was set up to combine multiple state resources to fund research in operational aspects of HOV and  Managed Use Lane projects. The group sets priorities for the research budgets and FHWA contracts to have the research performed.  **NOTE: The Project # was changed effective 7/1/15 from TFP-5(029) to TPF – 5(322). Funds under the old project**  **Number will be closed out and all new contributions must go into the new project number. Contributions sent to the old project number will be returned.**  Refund amounts for each active State are:  CA - $75 K, FL - $22 K, GA - $130 K, MN - $119 K, NY - $51 K, VA - $23 K, WA - $87K  \*\*\* The refunds have been delayed due to audit recalculations to reconcile the exact amount of the refund per state.  Hopefully these will be finished by the end of the year. |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):** Transfer of Funds With all the projects originated under the old project number now completed, efforts are underway to close out the  old account and transfer funds to the new account number. 2020 Annual Meeting The annual meeting took place virtually on September 3rd and 16th, coordinated by the USDOT Volpe Center.  During the meeting, the pooled fund study members:   * Developed a prioritized list of four (4) project ideas to be funded, including cost estimates, and designated study members to be project leads for the first three projects. Lower priority projects will begin once funding is available.  1. Managed Lane Enforcement ($150,00) 2. TDM Strategies for Managed Lanes ($200,000) 3. Understanding Managed Lane Facility Attractiveness and Consumer Choice ($200,000) 4. Use of Data to Inform Managed lane Operational Decisions ($175,000)  * Provided updates on ongoing projects during a roundtable discussion. * Engaged in discussion with research partners following presentations on the topics of *New and Emerging Technologies Applicable to ML Facilities* (Kerri Snyder, IFC), and *Synthesis of Public Information: Best Practice for ML* (Chris Swenson, WSP). * Engaged in discussion from a TMC Pooled Fund Study representative on *Predictive Analytic Techniques for Transportation Management Systems* (Vaishali Shah). * Developed a path of action for Q4. * Discussed meeting ideas for 2021. |
| **Anticipated work next quarter**:  The USDOT Volpe Center will deliver the annual meeting report to Greg Jones in October 2020.  The Q4 quarterly call will be held in early December 2020.  The USDOT Volpe Center will begin drafting scopes of work for the highest priority project ideas,  with input from the study leads elected during the annual meeting:   1. Managed Lane Enforcement (Raj Ponnaluri, FDOT) 2. TDM Strategies for Managed Lanes (Dan Lamers (NCTCOG)   IFC will deliver a Synthesis of Best Practices for Developing Public Information to Advance Priced Managed Lane Facilities. The IFC Synthesis report will be distributed to the study members. |

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| **Significant Results:**  There have been twenty eight (28) research efforts funded by this group that have helped advance the use of HOV and MUL projects throughout this country.  There is currently one (1) additional project identified for funding. Pending transfer of funds from the old project number up to three (3) additional projects could be funded. |
| **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).**  The current budget for new projects is $245,000. $488,000 in unexpended funds remain from the previous year, which may be added to the project budget. Greg Jones is working with state representatives to release these funds.  $189,000 in funding has additionally been left over from states no longer part of the pooled fund. These states may allow the funds to be used toward the new project budget. |

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| **Potential Implementation:**  The pooled fund has identified a prioritized list of research projects and currently has sufficient funding for one (1) research project. Three (3) additional projects have been identified that could be funded once the funds are transferred from the old project number. |