**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Date: \_\_\_\_\_\_\_May 20, 2016\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 #***(i.e, SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX)*NEW#: TPF-5(322) (Starting 7/1/15)OLD#: TPF – 5(029) | **Transportation Pooled Fund Program - Report Period:** Quarter 1 (January 1 – March 31)X Quarter 2 (April 1 – June 30)□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:****404-562-3906** | **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** |
| $20,000 currently available in the new account$144,000 in the old account to be transferred |  | 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 andManaged 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.** |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**The 2016 Annual Meeting was held on May 3, 2016 to update the members on the ongoing research and activities in each state as well as establish priorities for future research topics.Four research projects are underway currently:**Synthesis of Operational Aspects and Safety Implications of Reduced Cross-Sectional Elements for Managed Lanes** - This effort will look at projects that had to deal with limited cross-sectional width, and the priorities placed on allocating space for buffer width, shoulder width, and travel lane width. Completed – Spring 2016**Best Practices for Signing on a Multi-Segment Facility** – This effort is to identify managed lane corridors that have long multi-zone corridors or would involve the junction of multiple managed lane corridors.  The study will gather best practice efforts on providing motorists with information on toll rates within individual zones and throughout the length of the lane. This information could also be supplemented with the use of simulator studies to judge the public perception and comprehension of signing schemes. Anticipated completion – Summer 2016**Operations Based Planning for Managed Lane Systems** – A synthesis of planning best practices for development of Regional Managed lane networks. This research will look at regional plans that have been developed to date and identify key components for inclusion in regional plans. It will look at the level of conceptual Operational Plans developed, including regional integration and consistency policies. Anticipated completion – Late 2016**Tolling Practices for Multi-Segment Facilities** - Regional policies for tolling of managed lanes that have multiple zones or multiple interconnected facilities – This effort will look into the development of regional pricing policies that will cover these types of facilities that could be operating with multiple pricing needs, and if they operating independently or inter-connected. Anticipated completion – Late 2016**New research topic area priorities:**Marketing aspects of Managed LanesHow to use Demand Management to maintain High Occupancy ratesUsing Managed lane facilities as a targeted test bed for connected vehicles |
| **Anticipated work next quarter**:A quarterly conference call will be held to discuss ongoing research and to look at budgeting for new research. |

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| **Significant Results:**There have been 25 research efforts funded by this group that have helped advance the use of HOV and MUL projects throughout this country. |
| **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).**Instructions for FY16 contributions from the member states/agencies have been provided for the new project number. All future funding for projects will go into this account. |

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| **Potential Implementation:** The 2016 Annual Meeting selected research efforts to fund over the next few years. |