**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Date: \_July 17, 2013\_\_\_\_\_\_\_\_

Lead Agency (FHWA or State DOT): Texas Department of Transportation (TxDOT)\_\_\_\_\_\_\_\_\_\_\_

**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(198) | | **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:**  Urban Mobility Study, 2009 – 2013 Continuation | | | |
| **Name of Project Manager(s):**  Janie Temple | **Phone Number:**  (512) 486-5107 | | **E-Mail**  Janie.temple@txdot.gov |
| **Lead Agency Project ID:** | **Other Project ID (i.e., contract #):**  TxDOT contract 50-0XXIA0012 | | **Project Start Date:**  9/8/08 |
| **Original Project End Date:**  8/31/13 | **Current Project End Date:**  8/31/13 | | **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** |
| $1,670,000 | $1,559,659 | 50% |

***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** |
|  | $93,2283 |  |

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| **Project Description**:   |  | | --- | | **Background:** This study will be a continuation of existing project SPR-3(049), with the same scope, objectives, and contractor as the existing project. Beginning with federal fiscal year 2009, the project will be managed under the new pooled fund procedures, with a new project number. | | **Objectives:** 1) Form Steering Committee, which will decide on the annual scope of work to be performed.  2) Continuously refine the congestion measures to include better data, information from other modes and improvement projects/programs.  3) Maintain existing congestion measures while looking to make improvements to them because of new/better data or changing needs.  4) Look for new arenas that need congestion monitoring measures such as freight mobility and emissions.  5) Respond to Requests for Mobility Data. | |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):** Researchers have finalized a methodology to use private sector speed data to find bottlenecks in a roadway system. Work has begun to add more pollutants beyond CO2 to the emissions calculator to show the effects of transportation improvements on air quality. Researchers are also looking at sustainability measures that incorporate non-motorized transportation modes that could be incorporated into future editions of the UMR.  The Pooled Fund Annual Meeting was held in Denver June 6, 2013. The meeting was well attended and productive. A draft scope of work for AYs 14-15 was developed. |
| **Anticipated work next quarter**: We anticipate requesting an extension or renewing the pooled fund for 2014. The current contract is on TxDOT’s fiscal year and runs through August 31, 2013. The tasks currently listed in the contract will be active. Work should be completed on the bottleneck locator for freeways in early 2013 and work will begin on extending the bottleneck locator to the surface streets. More pollutant types will be added to the emissions calculator for transportation improvements. Work will continue on the mobility measures and thresholds that should be used to analyze arterial streets. |

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| **Significant Results:** |
| **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 during this quarter or expected during the next quarter. |

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| **Potential Implementation:**  Each participating state uses the data in a variety of reports and analyses. The Total Travel Time methodology may be beneficial to agencies who are trying to show the effects of long range changes to their transportation system on travel conditions in a given metro area. The GHG spreadsheet is available for use by the sponsoring agencies. The work on arterial street mobility measures should prove useful as DOT’s begin to adhere to the MAP-21 performance measure requirements. |