**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Date: \_February 15, 2017\_\_\_\_\_\_\_\_

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 Federal Project #**  SPR TPF5 (198)  \*Previously SPR-3(049) | | **Transportation Pooled Fund Program - Report Period:**  □Quarter 1 (January 1 – March 31, 2016)  □Quarter 2 (April 1 – June 30, 2016)  x Quarter 3 (July 1 – September 30, 2016)  □Quarter 4 (October 1 – December 31, 2016) | |
| **Project Title:**  Mobility Measurement in Urban Transportation (MMUT)  FYs 2016-2017 | | | |
| **Name of Project Manager(s):**  Michelle Conkle | **Phone Number:**  (512) 486-5132 | | **E-Mail**  [Michelle.Conkle@txdot.gov](mailto:Michelle.Conkle@txdot.gov) |
| **Lead Agency Project ID:** | **Other Project ID (i.e., contract #):**  TxDOT contract 50-0XXIA0012  0000007568 *(starting 9/1/15)* | | **Project Start Date:**  9/8/08 |
| **Original Project End Date:**  8/31/13 | **Current Project End Date:**  8/31/17 | | **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** |
| $3,060,000 | $2,549,215 | % |

***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** |
|  | $48,138 |  |

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| **Project Description**:   |  | | --- | | **Background:** This study will be a continuation of existing project SPR-3(049) – now SPR TPF5 (198) – with the same scope, objectives, and contractor (TTI). | | **Objectives:** 1) Convene a meeting at which the Steering Committee will decide on the annual scope of work to be performed.  2) Maintain existing congestion measurement practices while continuously improving and refining the congestion measurement strategies and methodologies to meet changing needs.  3) Collect better information and data for all relevant transportation modes to improve congestion measurement and management.  4) Address congestion monitoring needs related to freight mobility and vehicle 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.):** Work is underway on all tasks for FY 2016.  MMUT FY 2016-17 scope topics were ranked and incorporated into the new contract: *Analysis considerations for using probe data; Freight multimodal performance measures; Private-sector origin-destination data; Arterial multi-modal performance monitoring; and MAP-21 system performance and freight NPRM characterization.*  Task 1: TTI received an additional $25,000 in this task via an amendment in July. Performance measure values distributed to the following states (via Excel and Word): New York, South Carolina, North Carolina and California. Project team finalized, summarized and distributed statewide summaries to all pooled fund members. Finalized storage and data management of statistical programs and results for future use/applications. Technical memorandum summarizing the calculation results delivered to all the states. Memo was entitled "Example Calculations of the Proposed MAP-21 System Performance Measures."  Task 2: Task Completed.  Task 3: Documenting processes and methods to assist states and MPOs in setting targets. Estimating targets using statewide performance information developed in Task 1. This deliverable will be submitted in early FY2017 - likely September. The project team is taking the state results of Task 1 (which were finalized in late FY2016) to demonstrate target calculations.  Task 4: Continuing work to document NPRM clarifications and expectations synthesis. Completed and delivered final Task 4 technical memorandum characterizing the MAP-21 System Performance, Freight and CMAQ NPRM. Began synthesis of practitioner practices allowing operational improvements to compete with capacity and other projects in the project prioritization process.  Task 5: TTI received an additional $5,000 in this task via an amendment in July. Completed meeting minutes for June visit to Maryland and distributed to sponsors. Completed and delivered to all project sponsors 123-page document entitled, "Compilation of All Deliverables" that included all memos and meeting minutes from the entire fiscal year in one location. TTI traveled to Hartford, Connecticut and Albany, New York to meet with Department of Transportation staff at both agencies.  Task 6: Final processing of 2016 annual meeting vouchers. |
| **Anticipated work next quarter**: Work will continue on the tasks under the new contract for FY 2016.  Task 1: Continued analysis of outlier data in the NPMRDS dataset.  Task 2: Task completed.  Task 3: Additional work on this task will begin when the FHWA NPRM is released.  Task 4: TTI to continue work on syntheses and related analysis on key topic areas.  Task 5: Provide assistance with future sponsor requests.  Task 6: Planning for 2017 annual meeting. |

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| **Significant Results:**  See Progress; noted deliverables. |
| **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:** Work this quarter will have positive impacts (research and guidance) for all participating states with regard to evaluating datasets, arterial performance monitoring, performance measures and target setting under MAP-21 and FAST Act for system performance and freight. |