**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)x Quarter 2 (April 1 – June 30, 2016)□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  |
| **Lead Agency Project ID:** | **Other Project ID (i.e., contract #):**TxDOT contract 50-0XXIA00120000007568 *(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 | $2,501,077 | % |

***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** |
|  | $48,136 |  |

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| **Project Description**:

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| **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: Review of newly-released system performance Notice of Proposed Rulemaking (NPRM). Development of code in preparation of computing NPRM metrics and thresholds for sponsor states. Began processing NPRM statewide performance measures for member states.Processing and distribution of NPRM statewide performance measures using NPMRDS data. Developed Word document of methods used. 11 of 15 state results delivered - remainder of states will be delivered in early July. Performance measure values distributed to the following states (via Excel and Word): Washington, Florida, Oregon, Kentucky, Virginia, Minnesota, Connecticut, Texas, Maryland, Colorado, and Illinois. Task 2: Finished draft document investigating reference speed implications on performance measures on arterials. Delivered report on reference speed observations and implications. Task Completed.Task 3: Documenting processes and methods to assist states and MPOs in setting targets.Task 4: Finished work on the "arterial multi-modal performance monitoring" synthesis. Began work to document NPRM clarifications and expectations synthesis. Delivered "arterial multi-modal performance monitoring" synthesis.Task 5: Performed sponsor site visit to Maryland State Highway Administration. Meeting minutes will be finalized and distributed in July to all sponsors. Meeting minutes from the Maryland site visit will be distributed to all sponsors in July.Task 6: Annual meeting is planned for May 2016 in Miami. Preliminary planning is underway (securing hotel, preliminary agenda, etc.). Annual meeting held on May 5, 2016. Delivered annual meeting minutes to sponsors.  |
| **Anticipated work next quarter**: Work will continue on the tasks under the 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 annual meeting in 2017.  |

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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.  |