**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

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

**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 #**SPR TPF-5(440)\*Previously SPR TPF-5(198) | **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) Final Report Aug 31□ Quarter 4 (October 1 – December 31) |
| **Project Title:**Support for Urban Mobility Analyses (SUMA) |
| **Name of Project Manager(s):**Casey Wells | **Phone Number:**(512) 423-8986 | **E-Mail**Casey.Wells@txdot.gov |
| **Lead Agency Project ID:**22203 | **Other Project ID (i.e., contract #):**SPR TPF 1505 | **Project Start Date:**09/01/21 |
| **Original Project End Date:**8/31/23 | **Current Project End Date:**08/31/23 | **Number of Extensions:**0 |

Project schedule status:

□ 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** |
| $900,000 | $879,537 | 100% |

***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** |
| ($30,614) incorrect charge | **($30,314)** | 100% |

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| **Project Description**:**Background:** This study is a continuation of project SPR TPF-5(198), now TPF-5(440), with the same scope, objectives and contractor(Texas A&M Transportation Institute – TTI).**Objectives:** The PFS scope focuses on urban mobility and reliability performance measures, data and issues. New emphasis areas include emerging data sources, freight movement, arterial street mobility issues, reliability performance measures, and addressing the agency challenges for FAST Act requirements. These objectives are satisfied through work in the following 6 Task areas: Task 1: Evaluate Mobility Datasets – investigating new and emerging datasets for mobility and origin-destination analyses.Task 2:Understanding Traffic Reduction Impacts on Key Performance Measures – evaluate the relationships between reductions in traffic and standard mobility and reliability performance measures.Task 3: Develop Performance Assessment and Evaluation Analytical Tools – expand the performance measures included in the Future Improvement Examination Implementation Tool (FIXiT).Task 4: Syntheses Development – developing syntheses on key topic areas related to urban mobility at sponsor direction.Task 5: Support Sponsoring Agencies – provide assistance to sponsors on application of products in their planning,operations and performance measurement activities and provide contract project management functions.Task 6: Meeting Support – plan, develop and implement a peer exchange for sponsors to discuss work task accomplishments, develop the future work plan and peer exchange with each other. |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**Information is provided below for each task (as defined in section above):Task 1: Worked with TTI Communications team to update the website. Successfully coordinated with SUMA presenters to confirm their availability for Webinar #2 and successfully conducted it on Aug 28th. The webinar slides were distributed to the sponsoring agencies. The final Tech Memo for this task was completed and distributed to the sponsors. The website has been completed and a website link was distributed to the sponsors (along with a password to restrict access to sponsoring agencies only). Task 2: Completed and submitted technical memos “Comparison of Impacts of Traffic Reduction on Performance Measures in Six Urban Areas” (and conducted an Aug 14th Webinar to review the results) and “Practical Considerations to Integrate Equity into the Transportation Performance Measurement Process.” Task 3: Completed FIXiT Web Tool 1.0 User’s Guide. Completed FIXiT Web Tool 1.0 (web-based and provided as alink in the User’s Guide). Successfully conducted a webinar on Aug 29th to demonstrate the tool. Completed and submitted a 1-pager for truck-related auxiliary lanes. Submitted a link to the FIXiT tool. Submitted the FIXiT User’s Guide, slides from the Aug 29th webinar and 2 case study examples of the FIXiT tool use. Delivered webinar PowerPoint slides. Task 4: Completed and delivered the final Equity Roadmap addressing practical considerations to properly integrate equity into the transportation planning process. Compiled meeting notes and feedback from virtual and internal technical workshop with equity experts covering and gaining feedback on the proposed roadmap. Completed and delivered the Technical Memo conveying the meeting notes and presentation materials from an internal equity expert technical workshop. Task 5: Finalized and delivered the annual meeting notes and presentation materials for the annual meeting conducted in June 2023 in Seattle. Distributed the technical memorandum that includes a summary of all the FY 2023 deliverables by task, and it includes a link to the sharepoint site that includes all of the resources. This memo serves as a “one-stop-shop” of all deliverables. Task 6: Completed processing of travel for the annual meeting. Distributed FY24 scope of work outline. Note that the final scope draft will be distributed for review after the pooled fund study is re-solicited and restarted with Minnesota DOT as the lead agency.  |
| **Anticipated work next quarter**:The project ended August 31, 2023, and all work is complete.  |

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| **Significant Results:**See “Progress this Quarter,” and noted deliverables in that section.  |
| **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. |

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| **Potential Implementation:** Work this quarter has numerous positive impacts on sponsoring-agency decision-making, including: * Evaluating (and understanding) mobility datasets, particularly origin-destination data (Task 1)
* Recognizing impacts of the COVID-19 pandemic on travel behavior (Task 2)
* Delivering the methodology and updates to the FIXiT Tool that will also serve as a User Guide (Task 3)
* Defining transportation equity and the assessment impact on planning, policy, and processes (Task 4)
* Development of a “one-stop-shop” technical memorandum that includes all deliverables from FY 23 (Task 5)
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