**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Lead Agency (FHWA or State DOT): \_\_\_FHWA Resource Center Pavement and Materials Team \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**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(299)* | | **Transportation Pooled Fund Program - Report Period:**  □Quarter 1 (January 1 – March 31)  √󠆽 Quarter 2 (April 1 – June 30)  □ Quarter 3 (July 1 – September 30)  󠆽Quarter 4 (October 1 – December 31) | |
| **Project Title:**  Improving the Quality of Pavement Surface Distress and Transverse Profile Data Collection and  Analysis (PSDAT) Pooled-Fund Study | | | |
| **Name of Project Manager(s):**  **Andy Mergenmeier** | **Phone Number:**  **667.239.0879** | | **E-Mail**  **Andy.mergenmeier@dot.gov** |
| **Lead Agency Project ID: N/A** | **Other Project ID (i.e., contract #):**  **N/A** | | **Project Start Date:**  **March 2014** |
| **Original Project End Date:**  **2020** | **Current Project End Date:**  **2020** | | **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** |
| $1.7 million | $710k |  |

***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** |
| $0 | $0 | $0 |

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| **Project Description**: Assemble state highway agencies (SHA), the Federal Highway Administration (FHWA),  Industry, and academia to (1) identify Pavement Surface Distress and Transverse Profile Data Collection  and Analysis (PSDAT) data integrity and quality issues; (2) suggest approaches to addressing identified  issues; (3) initiate and monitor projects intended to address identified issues; (4) disseminate results;  (5) assist in solution deployment; and (6) support other efforts related to improving PSDAT data collection and analysis. |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**  Evaluation of Proposed Standard Data Format and Compression Algorithms for 2D/3D Pavement Surface contract:  Phase II is ongoing with GaTech. Collaborating with Texas DOT to use data format.  Transverse profile certification/verification/ protocols project - Virginia Tech. Second field experiment held to assess  the draft standards.  Cracking Assessment Protocols for Use in Vendor Selection Process for Pavement Crack Data  Collection/Analysis Systems and Services contract - QES. Efforts are focused on reviewing existing  field data collection to develop appropriate statistically based sampling and evaluation criteria for reference sections.  Guidance for Quality Management of Pavement Condition Data Collection contract -Transtech. Obtained state DOT  Data Quality Management Plans submitted to FHWA. Reviewing plans.  Jointed Concrete Pavement Faulting Collection and Analysis Standards contract – ARA. Submitted first draft report. |
| **Anticipated work next quarter**:  Continue work on all projects.  Transverse Profile project – hold national webinar on findings. Finalize draft AASHTO standards.  . |

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| **Significant Results:** Twenty-one state highway agencies have committed funds to the study. |
| **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).** |

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| **Potential Implementation:** |