**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Date: 4/24/2018

Lead Agency (FHWA or State DOT): Washington State Department of Transportation

**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(343) Roadside Safety Research for MASH Implementation | **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:**MASH Implementation |
| **Name of Project Manager(s):****Lu Saechao,****Rhonda Brooks** | **Phone Number:****360-705-7260****360-705-7945** | **E-Mail**saechal@wsdot.wa.govbrookrh@wsdot.wa.gov |
| **Lead Agency Project ID:****N/A** | **Other Project ID (i.e., contract #):****GCB**  | **Project Start Date:****2016** |
| **Original Project End Date:** | **Current Project End Date:** **2020** | **Number of Extensions:** |

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** |
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***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** |
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| **Project Description**:The Roadside Safety Research for MASH Implementation program is designed to conduct research on roadside safety priorities for research projects aligned with the MASH implementation completion schedule. The compliance dates for MASH roadside safety hardware are: • December 31, 2017: W-beam barriers and cast-in-place concrete barriers • June 30, 2018: W-beam terminals • December 31, 2018: Cable barriers, cable barrier terminals, crash cushions • December 31, 2019: Bridge rails, transitions, all other longitudinal barriers (including portable barriers installed permanently), all other terminals, sign supports, and other breakaway hardware. • Also, temporary work zone devices, including portable barriers, manufactured after December 31, 2019, must have been successfully tested to the 2015 edition of MASH. Washington State Department of Transportation is the lead agency for this pooled fund study. Texas A&M Transportation Institute (TTI) is the lead Principal Investigator and crash test site. A website is available to those interested in completed and and ongoing research as well as the work plan for new inquiries. <https://www.roadsidepooledfund.org/>  |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**The following tasks were completed in this quarter:* Held several phone meetings between WSDOT, CDOT, and TTI to coordinate the Fall 2018 MASH

Implementation Committee meeting logistics to be held in Denver, CO. The purpose of this meeting is to developand prioritize the 2019 projects for testing and evaluation at TTI* Five new task orders were initiated with TTI and the work on these TO’s have started:
1. T14541-CU 2018 MASH Coordination Effort
2. T4541-CV Testing & Evaluation of the MGS System w/ Maximum Flare at MASH Test Level 3 Conditions
3. T4541-CW Testing of Midwest Guardrail System w/ Reduced Post Spacing for MASH Compliance
4. T4541-CX MASH Testing of Keyed-In Single Slope Barrier
5. T4541-CY MASH Testing of Pinned Temporary Concrete Barrier on Concrete Pavement

Additional project information and project activities is available by visiting the pooled fund web site: https://www.roadsidepooledfund.org/. |
| **Anticipated work next quarter**:* Continue carrying out the research plan for testing approved projects at the November 2017 MASH

Implementation Committee meeting.* Continue planning/coordination efforts with CDOT to secure lodging, meeting room, meeting logistics for Fall

2018 MASH Implementation Committee meeting in Denver.* Set Fall 2018 Committee meeting and communicate to pooled fund partners to save the date.
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| **Significant Results:**TBD |
| **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).**No issues at this time. |

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| **Potential Implementation:**  |