**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Date: **08/11/16**

Lead Agency (FHWA or State DOT): **FHWA**

**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 #***5(243)*** | Transportation Pooled Fund Program - Report Period:\_ Quarter 1 (January 1 – March 31)**X Quarter 2 (April 1 – June 30)**\_ Quarter 3 (July 1 – September 30)\_ Quarter 4 (October 1 – December 31) |
| Project Title:**Motorcycle Crash Causation Study** |
| Name of Project Manager(s):**Craig Thor** | Phone Number:**202-493-3338** | E-Mail**CraigThor@dot.gov** |
| Lead Agency Project ID: | Other Project ID (i.e., contract #):**DTFH61-06-H-00034** | Project Start Date:**April 15, 2011** |
| Original Project End Date:**March 31, 2015** | Current Project End Date:**November 30, 2016** | Number of Extensions:**2** |

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** |
| **$3,571,600** | **$3,306,285** | **90%** |

***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** |
| **$181,610 (5% of budget)**  | **$181,610** | **90%** |

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| **Project Description**:Due to an alarming increase in motorcycle fatalities in the United States, Congress approved Federal funding for a motorcycle crash causation study as part of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). The legislation specified that the Department of Transportation provide a grant to the Oklahoma Transportation Center to perform the research. The Motorcycle Crash Causation Study (MCCS) is meant to provide insight into the causative factors that lead to motorcycle crashes in the United States. A comprehensive database of approximately 1,600 data elements will be created from a collection of real-world motorcycle crash investigations and interviews of riders with similar risk factors. A research effort of this scale has not been conducted in the United States in 30 years. During this time, both the rider demographics and the motorcycles themselves have changed considerably and this new data source will make it possible to identify contemporary trends associated with motorcycle crashes. Study results may lead to the development of new roadway countermeasures, educational programs, and sound policy decisions that are rooted in a data-driven assessment of motorcycle safety. |

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| **Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**All 351 cases and 700 controls have been closed out and the team is currently working on finalizing the documentation and the research database. A no-cost time extension was provided to allow the contract team sufficient time to complete these steps. It is expected that the database will be live and available for researchers via the FHWA Highway Safety Information System (HSIS) website in the Fall of 2016. |
| **Anticipated work next quarter**:* Drafting of the report. This is anticipated to be a multi-volume compilation with the first volume providing the study design and background, the second and the last providing (blank) forms/questions used in data gathering and the definitions of the codes’ meanings (volume 2 and 15), tabulations of the all of the data collected on the data forms (volume 3-13) with three of the these volumes (volumes 5-7) providing tabulations of Crash-Control data in a side-by-side format, and one volume (14) providing example comparisons of this study data with other/previous studies.
* Volume 1 - Study Summary
* Volume 2 - Data Collection Forms [14 Forms]
* Volume 3 – Crash Form [16 tables]
* Volume 4 – Environmental Form [64 Tables]
* Volume 5 – Motorcycle Rider – Control Rider [92 Tables]
* Volume 6 – Motorcycle Passenger – Control Passenger [64 Tables]
* Volume 7 – Motorcycle Mechanical – Control Motorcycle [29 Tables]
* Volume 8 – Motorcycle Dynamics
* Volume 9 – Injury Form [ # Tables TBA]
* Volume 10 – Other Driver [57 Tables]
* Volume 11 – Other Vehicle [39 Tables]
* Volume 12 – Helmet [30 columns or 86 Tables]
* Volume 13 – Contributing Factors [103 Tables]
* Volume 14 – MCCS – Comparisons to Other Studies Examples
* Volume 15 – Coding Manual (may be available by request/to other researchers)
* 3. Delivery of additional data to FHWA for archiving and distribution to researchers, as appropriate.
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| **Significant Results:****Data Collection** All cases have been collected and closed-out (351 cases and 702 controls) |
| **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 significant issues were identified or remain open at this time, although rate of crash investigation initiation and closure are falling below planned levels and are of concern.   |

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| **Potential Implementation:** No potential implementation this quarter |