**TRANSPORTATION POOLED FUND PROGRAM**

**QUARTERLY PROGRESS REPORT**

Date: **07/30/2012**

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:**March 31, 2015** | 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** |
| **$3,571,600** | **$543,400.55** | **20%** |

***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** |
| **$203,446.18 (5.7% of budget)**  | **$203,446.18** | **15%** |

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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.):**The quarter saw a number of significant changes in the management and organization of the project team while preserving and continuing the gathering of the crash causation data. Actions during the quarter identified a new PI, a new management plan for the project, and a new team structure, all of which was submitted and approved by FHWA (final approval was provided in the 3rd quarter on July 20, 2012). The participating organizations are the same as originally proposed and all are cooperating to execute the project. John W. Nazemetz, an associate professor with over 30 years experience will serve as the project’s new PI. Dr. Nazemetz met with the FHWA on June 7, 2012 to review and discuss this revised plan. Throughout the project plan revision process, numerous individual and conference calls were held between study partners to ensure that data collection continued without interruption. The team is operating and has continued to produce results, moving the number of cases initiated from 85 to 100 and the number of closed cases from 40 on March 31, 2012 to 54 on June 20, 2012.  |
| **Anticipated work next quarter**:* Continue motorcycle crash investigations
* Finalization and Approval of Revised Project Plans
* Reestablish cooperating agreements between the team members to reflect the approved revised project plan.
* Development and execution of actions to assure and enlarge the support of law enforcement agencies in the study.
* Travel to California to recognize support and solicit additional participation from local jurisdictions.
* Development plans for the statistical analysis to be performed on the first 100 completed crash investigations.
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| **Significant Results:****Data Collection** As of June 30, 100 cases have been initiated. Of these, 27 cases were dropped. 54 cases have been closed with all field work completed, and two controls obtained. In addition, there are currently 19 cases in which data are still being collected. |
| **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).**During the quarter, the transition to a new PI and development and approval of revised project plans while maintaining the crash investigation case initiation and completion were the major concern. These were addressed during the quarter and data collection continued and revised plans were discussed and verbally approved during the quarter with formal acceptance finalized in the 3rd quarter on July 20, 2012.  |

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