

TRANSPORTATION POOLED FUND PROGRAM QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): Montana 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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|--|---|---|
| <p>Transportation Pooled Fund Program Project # <i>(i.e., SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX))</i></p> <p>TPF-5(444)</p> | <p>Transportation Pooled Fund Program - Report Period:</p> <p><input type="checkbox"/> Quarter 1 (January 1 – March 31)</p> <p><input type="checkbox"/> Quarter 2 (April 1 – June 30)</p> <p><input checked="" type="checkbox"/> Quarter 3 (July 1 – September 30)</p> <p><input type="checkbox"/> Quarter 4 (October 1 – December 31)</p> | |
| <p>Project Title:</p> <ul style="list-style-type: none"> • Traffic Safety Culture – Phase 2 | | |
| <p>Name of Project Manager(s): Rebecca Ridenour</p> | <p>Phone Number: 406-444-7203</p> | <p>E-Mail rridenour@mt.gov</p> |
| <p>Lead Agency Project ID: 8882-444</p> | <p>Other Project ID (i.e., contract #): 8882-444-17, 8882-444-18, 8882-444-19, 8882-444-20, 8882-444-21, 8882-444-22, 8882-444-23, 8882-444-24, 8882-444-25, 8882-444-26</p> | <p>Project Start Date: TPF-5 (444)- Oct. 1, 2019</p> |
| <p>Original Project End Date: TPF-5 (444)- September 30, 2024</p> | <p>Current Project End Date: TPF-5 (444)- September 30, 2024</p> | <p>Number of Extensions: 1</p> |

Project schedule status:

On schedule On revised schedule Ahead of schedule Behind schedule

Overall TPF-5(444) Project Statistics:

| Total Project Budget | Total Cost to Date for Project | Percentage of Work Completed to Date |
|---|--------------------------------|--------------------------------------|
| \$1,206,246.50 (Total costs for all contracts) | \$900,932.62 | 83% |

Overall Project Statistics:

| Total Project Expenses and Percentage This Quarter | Total Amount of Funds Expended This Quarter | Total Percentage of Time Used to Date |
|--|---|---------------------------------------|
| \$46,292.17 and 4% | \$46,292.17 | 83% |

Total MDT IDCs for this quarter = \$ 5,231.38

TPF- 5(444)- Support Contract Project Statistics Year 5:

| Total Project Budget | Total Cost to Date for Project | Percentage of Work Completed to Date |
|----------------------|--------------------------------|--------------------------------------|
| \$112,172.00 Y4 & Y5 | \$102,195.82 Y5 | 95% Y5 |

Support Contract Quarterly Project Statistics:

| Total Project Expenses and Percentage This Quarter | Total Amount of Funds Expended This Quarter | Total Percentage of Time Used to Date |
|--|---|---------------------------------------|
| \$6,508.24 and 6% Y5 | \$6,508.24 | 100% Y5 |

*MDT IDCS for this quarter for Y5 = \$ 736.74

TPF- 5(444)- Resources and Tools to Reduce Multi-Risk Driving Behaviors Statistics:

| Total Project Budget | Total Cost to Date for Project | Percentage of Work Completed to Date |
|----------------------|--------------------------------|--------------------------------------|
| \$305,229.50 | \$297,092.89 | 99% |

Resources and Tools to Reduce Multi-Risk Driving Behaviors Quarterly Project Statistics:

| Total Project Expenses and Percentage This Quarter | Total Amount of Funds Expended This Quarter | Total Percentage of Time Used to Date |
|--|---|---------------------------------------|
| \$13,782.93 and 5% | \$13,782.93 | 99% |

*MDT IDCS for this quarter for this project: \$1,560.19

TPF- 5(444)- Resources and Tools to Improve Pedestrian Safety Statistics:

| Total Project Budget | Total Cost to Date for Project | Percentage of Work Completed to Date |
|----------------------|--------------------------------|--------------------------------------|
| \$244,519.00 | \$214,321.59 | 88% |

Resources and Tools to Improve Pedestrian Safety Quarterly Project Statistics:

| Total Project Expenses and Percentage This Quarter | Total Amount of Funds Expended This Quarter | Total Percentage of Time Used to Date |
|--|---|---------------------------------------|
| \$11,515.07 and 5% | \$11,515.07 | 85% |

*MDT IDCS for this quarter for this project: \$1,293.76

TPF- 5(444)- Understanding Aggressive Driving Phase 2 Statistics:

| Total Project Budget | Total Cost to Date for Project | Percentage of Work Completed to Date |
|----------------------|--------------------------------|--------------------------------------|
| \$273,073.00 | \$16,069.32 | 6% |

Understanding Aggressive Driving Phase 2 Quarterly Project Statistics:

| Total Project Expenses and Percentage This Quarter | Total Amount of Funds Expended This Quarter | Total Percentage of Time Used to Date |
|--|---|---------------------------------------|
| \$14,485.93 and 5% | \$14,485.93 | 6% |

*MDT IDCS for this quarter for this project: \$1,640.70

Project Description:

This program is a cooperative effort of participating state departments of transportation (DOTs) and other (traditional and non-traditional) organizations with a vested interest in traffic safety. This long-term partnership will support an evolving and integrated project portfolio developed and revised each year by the partners and will complement other related research activities. Together, these projects will accelerate the development and delivery of tools and services to transform the national, state, and community-level traffic safety culture. The goal of this transformation is to support the Toward Zero Deaths (TZD) vision with sustainable traffic safety solutions.

In this context, the Montana Department of Transportation (MDT) is partnering with the Center for Health and Safety Culture (CHSC) at Montana State University to (1) conduct research to solve specific culture-based traffic safety problems, (2) create training and education materials to enhance workforce understanding and application of traffic safety culture methods, and (3) provide technology transfer of best practices in traffic safety culture methods to all stakeholders. Together, these efforts will support the transformation of traffic safety culture within the families, communities, and organizations of participating states.

This project is in phase 2; the first phase was TPF-5(309) Partnership for the Transformation of Traffic Safety Culture. The current phase ended on September 30, 2024. Commitments for Phase 3 (solicitation 1621) were met as of 10/21/24 and the new pooled fund study is TPF-5(547).

Progress this quarter (includes meetings, work plan status, contract status, significant progress, etc.):Meetings

August 2023

- Agenda
 - TPF Financial Update
 - Related Efforts – Relevant Information and Events
 - Active Project Updates
 - Traffic Safety Culture Pooled Fund Study Phase 3
 - Completion of Phase 2
 - Meetings
 - Action Items
- Major actions
 - Board members shared updates on any traffic safety-related efforts they were involved with in their state or community.
 - CHSC provided updates on current projects.
 - MDT provided an overview of the Phase 3 solicitation process and CHSC provided promotional materials for Board to share.
 - CHSC reviewed project ideas for Phase 2.

Board Activities

- Review and approved of the May 2024 Meeting Notes.
- Discussed project ideas for the completion of Phase 2.
- Attended the August quarterly meeting, Phase 3 promotion webinar, and the Multiple Risky Driving Behavior project webinar.
- Held regular bi-monthly board meeting on September 18, 2024.

Program Fund Updates

As of September 30, 2024, states that have committed to funding this pooled fund are CT, GA, IA, ID, IL, KS, KY, LA, MI, MN, MS, MT, NV, TX, UT, VT, and WA. The participating states in the program have committed \$1,465,000.00 in funds over the five-year period. The commitments by organization can be found at <https://www.pooledfund.org/Details/Study/668>.

Contract Status

Traffic Safety Culture – Phase 2 Management Support (8882-444-17, 18, 21, 24, & 25)

During this quarter, the CHSC staff provided support and helped facilitate the August quarterly meeting. CHSC sent out the Webex invites, worked with MDT on agenda development, recorded the meeting, and took meeting notes. Meeting notes for the quarterly meeting were sent to MDT for distribution and posting to the TPF website. CHSC developed the quarterly report for April through June for MDT and the board's review, which has been posted to the TPF website. The Center staff provided a webinar to promote Phase 3 on July 10th. The webinar has been posted on CHSC's YouTube page and has 65 views. The Center also developed a one-page electronic handout and email language for the board to promote Phase 3 and utilized their marketing channels to distribute promotional materials.

Resources and Tools to Reduce Multi-Risk Driving Behaviors (8882-444-20)

During this quarter, the CHSC completed revisions of the final report, PowerPoint, resource document, and poster. They conducted the final webinar on August 28th, 2024. The webinar was posted on CHSC's YouTube page and has had 258 views.

Resources and Tools to Improve Pedestrian Safety (8882-444-22)

During this quarter, the CHSC team completed revisions to the Task 3 report and resource document and began work on Task 4.

Understanding Aggressive Driving and Ways to Reduce It – Phase 2 (8882-444-26)

During this quarter, the CHSC recruited interview participants for Task 1. Fourteen interviews were conducted in September and the team began cleaning data transcripts. The CHSC also created and launched a survey to collect feedback from the board members as part of Task 3. The survey was shared with the Board during the August quarterly meeting and in follow-up emails. CHSC also requested to increase the budget for Qualtrics panels in Task 3 due to increased costs charged from Qualtrics. This budget request was approved on September 27th and an amendment was issued on September 30th.

Anticipated work next quarter:

Meetings

Program Support Contract (8882-444-25)

- Host the November quarterly meeting, create the agenda, and take meeting notes.
- Conducted monthly meetings and check-ins with MDT.
- Continue promotion of Phase 3 solicitation
- Prepare a proposal for the next Support Contract.

Contract Status

Resources and Tools to Reduce Multi-Risk Driving Behaviors (8882-444-20)

- All tasks complete.
- CHSC will continue to promote the findings of this research project.

Resources and Tools to Improve Pedestrian Safety (8882-444-22)

- The CHSC team will complete Task 4 deliverables for this project.

Understanding Aggressive Driving and Ways to Reduce It – Phase 2 (8882-444-26)

- The CHSC team will continue work on Tasks 1 and 3. For Task 1, the team will complete interviews and analysis of data. The team will also work on developing one or more strategies to support bystanders in promoting safer driving practices. Task 3 work will include completing the review of existent messages and beginning to develop messages for future testing.

Board Activities

- Attend the quarterly meeting in November.
- Provide feedback on media messaging via the Qualtrics survey for the Understanding Aggressive Driving and Ways to Reduce It – Phase 2 project.
- Promote and contribute to Phase 3 of the TSC Pooled Fund.

Significant Results:

None

Circumstances 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).

Potential Implementation: None currently.