

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.

Transportation Pooled Fund Program Project # <i>(i.e., SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX))</i> TPF-5(444)		Transportation Pooled Fund Program - Report Period: <input type="checkbox"/> Quarter 1 (January 1 – March 31) <input type="checkbox"/> Quarter 2 (April 1 – June 30) <input type="checkbox"/> Quarter 3 (July 1 – September 30) <input checked="" type="checkbox"/> Quarter 4 (October 1 – December 31)	
Project Title: <ul style="list-style-type: none"> • Traffic Safety Culture – Phase 2 			
Name of Project Manager(s): Rebecca Ridenour	Phone Number: 406-444-7203	E-Mail rridenour@mt.gov	
Lead Agency Project ID: 8882-444	Other Project ID (i.e., contract #): 8882-309-01, 8882-309-02, 8882-309-03, 8882-309-04, 8882-309-05, 8882-309-07, 8882-309-08, 8882-309-09, 8882-309-10, 8882-309-11, 8882-309-12, 8882-309-13, 8882-309-14, 8882-309-15, 8882-309-16, 8882-444-17, 8882-444-18, 8882-444-19, 8882-444-20, 8882-444-21, 8882-444-22, 8882-444-23		Project Start Date: TPF-5 (444)- Oct. 1, 2019
Original Project End Date: TPF-5 (444)- September 30, 2024	Current Project End Date: TPF-5 (444)- September 30, 2024		Number of Extensions: 0

Project schedule status:

On schedule
 On revised schedule
 Ahead of schedule
 Behind schedule

Overall Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$0.00 and 0%	\$0.00	100%

Total MDT IDCs for this quarter = \$0.00

Overall TPF-5(444) Project Statistics:

Total Project Budget	Total Cost to Date for Project	Percentage of Work Completed to Date
\$825,214.50	\$433,335.26	50%

(Total costs for all contracts)		
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Overall Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$58,262.34 and 10%	\$58,262.34	50%

Total MDT IDCs for this quarter = \$7,478.08

TPF- 5(444)- Support Contract Project Statistics Year 3:

Total Project Budget	Total Cost to Date for Project	Percentage of Work Completed to Date
\$20,955.00 Y3	\$20,955.00 Y3	100% Y3

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
\$3,381.44 and 16%Y3	\$3,381.44	100% Y3

*MDT IDCS for this quarter for Y3 = \$386.47

TPF- 5(444)- Support Contract Project Statistics Year 4:

Total Project Budget	Total Cost to Date for Project	Percentage of Work Completed to Date
\$79,582.00 Y4	\$3,019.09 Y4	16% Y4

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
\$3,019.09 and 4%Y4	\$2,942.70	12% Y4

*MDT IDCS for this quarter for Y4 = \$301.54

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
\$212,653.00	\$154,110.61	67%

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
\$17,573.09 and 8%	\$17,573.09	75%

*MDT IDCS for this quarter for this project: \$2,022.96

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	\$78,472.78	26%

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
\$12,783.62 and 5%	\$12,783.62	33%

*MDT IDCS for this quarter for this project: \$1,996.70

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

Total Project Budget	Total Cost to Date for Project	Percentage of Work Completed to Date
\$119,807.00	\$46,286.78	29%

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
\$21,537.29 and 18%	\$21,537.29	35%

*MDT IDCS for this quarter for this project: \$2,770.41

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.

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

Meetings

November 16th

- Agenda
 - TPF Financial Update
 - Related Efforts – Relevant Information and Events
 - Small Group Discussion
 - Recently Completed and Active Project Updates
 - Pending Projects
 - 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.

Board Activities

- Reviewed and approved the August meeting notes.
- Continued process of requesting funds for FFY2020-2024 TPF solicitation.
- Selected the week of June 5th to hold the in-person meeting in Bozeman, MT.

Program Fund Updates

As of December 31, 2022, states who have committed to fund this pooled fund are CT, GA, IA, ID, KS, KY, LA, MI, MN, MS, MT, NV, TX, UT, VT, and WA. The participating states in the program have committed \$1,430,000.00 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)

The Center for Health and Safety Culture (CHSC) was chosen by the board as the support agency and will provide overall, ongoing, Pooled Fund support to program management, the program participants, and the TSC TPF Board. This quarter, CHSC submitted a proposal for FY23 and MDT issued the contract modification, 8882-444-24. The amendment included \$79,582.00 of additional funding to help manage the in-person board meeting planning and facilitation. The following is a list of tasks the Center will perform for the program in FY23.

- Task 1: Meeting Support
- Task 2: Report Writing Support
- Task 3: Support Outreach and Awareness
- Task 4: Support Work Plan and Project Development
- Task 5: In-person meeting

During this quarter, CHSC staff provided support and helped facilitate the November 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 July through September for MDT and the board's review, which has been posted to the TPF website. CHSC began planning for the in-person meeting in June 2023.

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

During this quarter, CHSC nearly finished the CIAS build for the intervention. CHSC was given permission from the Office of Planning and Analysis for a sample of 2000 student emails. CHSC anticipates getting this list in mid-February 2023. CHSC has submitted the IRB request for this research project. This IRB will not be an exempt review but will be a full or expedited or full review which will take longer than the normal turnaround time for IRB approval. CHSC is starting to pilot testing the various participant pathways for personalized feedback using the CIAS platform.

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

During this quarter, CHSC completed the literature review, created an interview protocol for the formative interviews, was given IRB approval, and conducted 10 interviews with stakeholders in pedestrian safety. CHSC has reviewed the transcripts and are moving forward with a high-level summary of those interviews which will be included in the Task 1 Report for this project.

Understanding Aggressive Driving and Ways to Reduce It – Phase 1 (8882-444-23)

During this quarter, CHSC worked on the literature review for Task 1. CHSC is currently working on a contextual model of aggressive driving and anticipate submitting the Task 1 report at the end of January.

Anticipated work next quarter:

Meetings

Program Support Contract (8882-444-21)

Quarterly meeting on Feb. 15

- Set up Web-Ex meeting information.
- Provide meeting logistics and notes.
- Discuss in-person meeting agenda. CHSC will draft an agenda prior to the meeting to share with the board members.

Contract Status

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

- Complete the build of the intervention in CIAS.

- Launch the randomized controlled trial in mid to late February. Due to delays in recruitment and the difficulty of the CIAS build for the intervention CHSC anticipates they will need a timeline extension and will request this when they know more details about recruitment and launch.

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

- Submit Task 1 Report.
- Start working on Task 2.

Understanding Aggressive Driving and Ways to Reduce It – Phase 1 (8882-444-23)

- Submit Task 1 Report.
- Start working on Task 2.

Board Activities

- Review and provide comments on Task 1 Reports for the Resources and Tools to Improve Pedestrian Safety project and the Understanding Aggressive Driving and Ways to Reduce It- Phase 1 project.
- Request travel approval for the June meeting.

Significant Results:

- None in this quarter.

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).

- See quarterly report for Resources and Tools to Reduce Multiple Risky Driving Behaviors project. CHSC will reach out to MDT when they have a better understanding of the new timeline for the intervention.

Potential Implementation: None currently.