

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(309) and TPF-5(444)		Transportation Pooled Fund Program - Report Period: <input type="checkbox"/> Quarter 1 (January 1 – March 31) <input checked="" type="checkbox"/> Quarter 2 (April 1 – June 30) <input type="checkbox"/> Quarter 3 (July 1 – September 30) <input type="checkbox"/> Quarter 4 (October 1 – December 31)	
Project Title: <ul style="list-style-type: none"> Partnership for the Transformation of Traffic Safety Culture 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: 8882-309, 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	
Project Start Date: TPF-5 (309)- Oct. 1, 2014 TPF-5 (444)- Oct. 1, 2019			
Original Project End Date: TPF-5 (309)- September 30, 2019 TPF-5 (444)- September 30, 2024		Current Project End Date: TPF-5 (309)- December 31, 2021 TPF-5 (444)- September 30, 2024	
		Number of Extensions: 6 0	

Project schedule status:

On schedule
 On revised schedule
 Ahead of schedule
 Behind schedule

Overall TPF-5(309) Project Statistics:

Total Project Budget	Total Cost to Date for Project	Percentage of Work Completed to Date
\$1,092,283.00 (Total costs for all contracts)	\$1,060,221.68	100%

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
\$608,618.00 (Total costs for all contracts)	\$302,275.00	50%

Overall Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$66,618.26 and 11%	\$66,618.26	50%

Total MDT IDCs for this quarter = \$6,258.84

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	\$14,630.86 Y3	68% 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
\$3,268.58 and 16%Y3	\$3268.58	70% Y3

*MDT IDCs for this quarter for Y3 = \$315.74

TPF- 5(444)- A Review of Methods to Change Beliefs Statistics:

Total Project Budget	Total Cost to Date for Project	Percentage of Work Completed to Date
\$77,910.00	\$77,910.00	100%

A Review of Methods to Change Beliefs Quarterly 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 0.00%	\$0.00	100%

*MDT IDCs for this quarter for this project: \$17.98

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	\$116,080.38	49%

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
\$22,309.11 and 10%	\$22,309.11	51%

*MDT IDCs for this quarter for this project: 1,953.50

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	\$41,040.57	10%

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
\$41,040.57 and 16%	\$41,040.57	16%

*MDT IDCs for this quarter for this project: \$3,971.62

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.

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

Meetings

May 18

- Agenda
 - TPF Financial Update
 - Related Efforts – Relevant Information and Events
 - 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.
 - MDT posted the final report and resources for the Methods to Change Beliefs project.
 - CHSC provided updates on current projects.
 - CHSC, MDT, and board members discussed potential projects. CHSC provided a revised proposal for comment on the Aggressive Driving Behavior project.

Board Activities

- Reviewed and approved the February meeting notes.
- Continued process of requesting funds for FFY2020-2024 TPF solicitation.

Program Fund Updates

TPF-5(444) As of March 31st, 2022, there are 18 participating states in the Transportation Pooled Fund (TPF) Program. They are CA, CT, GA, IA, ID, IL, KS, KY, LA, MI, MN, MS, MT, NV, TX, UT, VT, and WA. The 18 states participating in the program have committed \$1,440,000.00 in funds over the five-year period. The commitments by organization can be found at <https://www.pooledfund.org/Details/Study/668>.

Contract Status

TPF-5 (444)- Traffic Safety Culture – Phase 2 Management Support (8882-444-17, 18, & 21)

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. Contracts 8882-309-17, 18 & 21 are for support services from January 1, 2020, until October 31, 2022. This is a cost reimbursement contract with a total budget of \$54,805.00. This quarter CHSC submitted a proposal for FY22 support work and MDT chose to modify this current contract to include FY22. FY22 contract number is 8882-444-21. The new

end date of this contract is October 31, 2022. This amendment included \$20,955.00 of additional funding. The progress schedule for FY22 (Year 7) is below. The following is a list of tasks the Center will perform for the program in FY22.

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

During this quarter, CHSC staff provided support and helped facilitate May’s 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. CHSC developed the quarterly report for April through June for MDT and the board’s review.

Progress Schedule Status

Activity	Percent Complete	Year 7 - Month											
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Task 1: Meeting Support	66%	X	X	X	X	X	X	X	X				
Task 2: Report Writing Support	75%		X			X			X				
Task 3: Support Outreach and Awareness	66%	X	X	X	X	X	X	X	X				
Task 4: Support Work Plan and Project Dev.	66%	X	X	X	X	X	X	X	X				

TPF-5 (444)- A Review of Methods to Change Beliefs (8882-444-19)

The Center for Health and Safety Culture (CHSC) was chosen by the board to conduct a narrative literature review to understand how belief change can result in changed behaviors. Based on the literature review, the research team will develop a resource to guide stakeholders in developing and implementing effective strategies to change beliefs that define traffic safety culture and influence road user behavior. The contract authorizes CHSC to conduct research from March 15, 2021- May 31, 2022. This is a cost reimbursement contract with a total budget of \$77,910.00. The following is a list of tasks the Center will perform under this contract:

- Task 0: Project Management
- Task 1: Literature Review
- Task 2: Resource Development
- Task 3: Create Dissemination Resources and Complete Final Report

The deliverables for this contract include quarterly reports, task reports, tools for stakeholders to assess potential effectiveness, PowerPoint slides, webinar, poster, and the final report.

During this quarter, CHSC completed the final round of edits to the final report and other resources. This project has been completed.

Progress Schedule

Activity	Percent Complete	2021-2022 Month											
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Task 0: Project Management	100%	X	X	X	X	X	X	X	X	X	X	X	X
Task 1: Literature Review	100%	X	X	X	X	X							
Task 2: Resource	100%					X	X	X	X	X	X	X	X
Task 3: Dissemination and Final Report	100%							X	X	X	X	X	X

TPF-5 (444)- Resources and Tools to Reduce Multi-Risk Driving Behaviors (8882-444-20)

The Center for Health and Safety Culture (CHSC) was chosen by the board to seek to address the gap between how to address impulsivity and the underlying beliefs and behaviors of individuals engaging in multiple risky driving behaviors by creating and testing an intervention designed to address traffic impulsivity to improve driver behaviors. The contract authorizes CHSC to conduct research from March 25, 2021, to March 31, 2024. This is a cost reimbursement contract with a total budget of \$212,653.00. The following is a list of tasks the Center will perform under this contract:

- Task 0: Project Management
- Task 1: Literature Review
- Task 2: Content Development of Brief Intervention
- Task 3: Test Brief Intervention
- Task 4: Create Resources and Complete Final Report

The deliverables for this contract include quarterly reports, task reports, guidance resource, PowerPoint slides, webinar, poster, and the final report.

During this quarter, CHSC developed the survey and intervention components, pilot tested the survey, and began interviews pilot testing the intervention with college students. The interviews were a little harder to schedule than originally anticipated and some will need to be conducted in the beginning of July, which will delay the delivery of the Task 2 Report by two weeks.

Progress Schedule (Table will be extended to include July through October 2023 in the future)

Activity	Percent Complete	2021-2023																										
		Apr	Ma	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Ma	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Task 0: Project Management	50%	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X												
Task 1: Literature Review	100%	X	X	X	X	X	X	X	X	X																		
Task 2: Content Dev. for Intervention	95%										X	X	X	X	X	X												
Task 3: Test Intervention	0%																											
Task 4: Resources and Final Report	0%																											

TPF-5 (444)- Resources and Tools to Improve Pedestrian Safety (8882-444-22)

The Center for Health and Safety Culture (CHSC) was chosen by the board to seek to develop resources to assess and grow beliefs among stakeholders to support the deployment of effective strategies to improve pedestrian safety. The project will result in the creation of tools to increase beliefs supportive of pedestrian safety strategies. The contract authorizes CHSC to conduct research from April 28, 2022, to April 30, 2025. This is a cost reimbursement contract with a total budget of \$244,519.00. The following is a list of tasks the Center will perform under this contract:

- Task 0: Project Management
- Task 1: Literature Review and Formative Interviews
- Task 2: Understand the Culture of Pedestrian Safety
- Task 3: Create Tools to Grow Beliefs Supportive of Pedestrian Safety Strategies

- Task 4: Complete Final Report

The deliverables for this contract include quarterly reports, task reports, PowerPoint slides, webinar, poster, and the final report.

During this quarter, CHSC worked on the literature review. They collected articles and created a list of traffic safety stakeholders for formative interviews.

Progress Schedule (Table will be extended to include July through October 2024-2025 in the future)

Activity	Percent Complete	2022-2025																										
		Apr	Ma	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Ma	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Task 0: Project Management	10%	X	X	X																								
Task 1: Literature Review	40%	X	X	X																								
Task 2: Content Dev. for Intervention	0%																											
Task 3: Test Intervention	0%																											
Task 4: Resources and Final Report	0%																											

Anticipated work next quarter:

Meetings

Program Support Contract #8882-444-21

Quarterly meeting on Aug 17th

- Set up Web-Ex meeting information.
- Provide meeting logistics and notes.
- Discuss in-person meeting options.
- Begin *Understanding Aggressive Driving and Ways to Reduce It - Phase 1 (8882-444-23)* project.

Contract Status

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

- Submit Task 2 Report and respond to line-item comments and complete revisions to the Task 2 Report.

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

- Create the interview protocol for the formative interviews and submit to Institutional Review Board (IRB).
- Complete the formative interviews.
- Draft Task 1 Report.

Board Activities

- Review and comment on the Task 2 Report for Multi-Risk Driving Behaviors project.

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).

- None this quarter.

Potential Implementation: None currently.