

## 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.*

<p><b>Transportation Pooled Fund Program Project #</b> (i.e., SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX))</p> <p>TPF-5(309) and TPF-5(444)</p>	<p><b>Transportation Pooled Fund Program - Report Period:</b></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 type="checkbox"/> Quarter 3 (July 1 – September 30)</p> <p><input checked="" type="checkbox"/> Quarter 4 (October 1 – December 31)</p>	
<p><b>Project Title:</b></p> <ul style="list-style-type: none"> <li>• Partnership for the Transformation of Traffic Safety Culture</li> <li>• Traffic Safety Culture – Phase 2</li> </ul>		
<p><b>Name of Project Manager(s):</b> Sue Sillick</p>	<p><b>Phone Number:</b> 406-444-7693</p>	<p><b>E-Mail</b> ssillick@mt.gov</p>
<p><b>Lead Agency Project ID:</b> 8882-309, 8882-444</p>	<p><b>Other Project ID (i.e., contract #):</b> 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</p>	<p><b>Project Start Date:</b> TPF-5 (309)- Oct. 1, 2014  TPF-5 (444)- Oct. 1, 2019</p>
<p><b>Original Project End Date:</b> TPF-5 (309)- September 30, 2019 TPF-5 (444)- September 30, 2024</p>	<p><b>Current Project End Date:</b> TPF-5 (309)- September 30, 2022 TPF-5 (444)- September 30, 2024</p>	<p><b>Number of Extensions:</b> 6 0</p>

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
\$4,500.11 and .1%	\$4,500.11	100%

Total MDT IDCs for this quarter = \$2,397.35

**TPF-5 (309)- Evaluation of Traffic Safety Culture Strategies Overall Project Statistics:**

<b>Total Project Budget</b>	<b>Total Cost to Date for Project</b>	<b>Percentage of Work Completed to Date</b>
\$52,926.00	\$52,926.00	100%

**Evaluation of Traffic Safety Culture Strategies Quarterly Project Statistics:**

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

\*MDT IDCs for this quarter = \$0.00

**TPF-5 (309)- Guidance of Messaging to Avoid Reactance and Address Moral...Overall Project Statistics:**

<b>Total Project Budget</b>	<b>Total Cost to Date for Project</b>	<b>Percentage of Work Completed to Date</b>
\$137,844.00	\$130,447.39	100%

**Guidance of Messaging to Avoid Reactance and Address Moral Disengagement Quarterly Project Statistics:**

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

\*MDT IDCs for this quarter = \$67.62

**TPF-5 (309)- Guidance to Promote Workplace Policies and Family Rules to Reduce...Overall Project Statistics:**

<b>Total Project Budget</b>	<b>Total Cost to Date for Project</b>	<b>Percentage of Work Completed to Date</b>
\$151,968.00	\$147,904.46	100%

**Guidance to Promote Workplace Policies and Family Rules to Reduce... Quarterly Project Statistics:**

<b>Total Project Expenses and Percentage This Quarter</b>	<b>Total Amount of Funds Expended This Quarter</b>	<b>Total Percentage of Time Used to Date</b>
\$4,500.11 and 3%	\$4,500.11	100%

\*MDT IDCs for this quarter = \$2,329.73

**Overall TPF-5(444) Project Statistics:**

Total Project Budget	Total Cost to Date for Project	Percentage of Work Completed to Date
\$364,099.00 (Total costs for all contracts)	\$171,817.84	47%

**Overall Project Statistics:**

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$76,186.17 and 21%	\$76,186.17	47%

Total MDT IDCs for this quarter = \$4,705.83

**TPF- 5(444)- Support Contract Project Statistics Year 2:**

Total Project Budget	Total Cost to Date for Project	Percentage of Work Completed to Date
\$22,426.00 Y2	\$22,426.00 Y2	100% Y2

**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
\$4,539.97 and 14%Y2	\$4,539.97	100% Y2

\*MDT IDCs for this quarter for Y2 = \$165.29

**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	\$4,918.26 Y3	19% 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
\$4,918.26 and %Y3	\$4,918.26	23% Y3

\*MDT IDCs for this quarter for Y3 = \$363.90

**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	\$61,271.82	73%

**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
\$32,318.53 and 41%	\$32,318.53	78%

\*MDT IDCs for this quarter for this project: \$1,959.30

**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	\$53,046.76	27%

**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
\$34,419.41 and 16%	\$34,409.41	25%

\*MDT IDCs for this quarter for this project: \$2,217.34

## 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

November 17<sup>th</sup>

- Agenda
  - TPF Financial Update
  - Related Efforts – Relevant Information and Events
  - Recently Completed and Active Project Updates
  - Pending Projects
  - Meetings
  - Action Items
- Major actions
  - Adam Kaliszewski with the TxDOT Austin District presented their Crash Review Program, an overview of the process they use in Austin and the central Texas area.
  - Board members shared updates on any traffic safety related efforts they were involved with in their state or community.
  - MDT posted the final deliverables for the Guidance on Messaging to Avoid Reactance and Address Moral Disengagement and the Guidance on Cultural-Based Strategies to Grow Engaged Driving projects.
  - CHSC provided updates on current projects.
  - CHSC, MDT, and board members discussed potential projects. The board requested revisions to the Aggressive Driving project summary to include more recent issues possibly related to COVID.

### Board Activities

- Reviewed and approved the August meeting notes.
- Continued process of requesting funds for FFY2020-2024 TPF solicitation.
- Began reviewing A Review of Methods to Change Beliefs Task 2 Report and the Resources and Tools to Reduce Multiple Risky Driving Behaviors Task 1 Report.

### Program Fund Updates

TPF-5(309) As of December 31<sup>st</sup>, 2021, there are 14 participating states in the Transportation Pooled Fund (TPF) Program. They are CA, CT, IA, ID, IL, IN, LA, MT, NH, NV, TX, UT, VT, and WA. The 14 states participating in the program have committed \$1,225,000.00 in funds over the five-year period. The commitments by organization can be found at <http://pooledfund.org/Details/Study/558>.

TPF-5(444) As of December 31<sup>st</sup>, 2021, there are 19 participating states in the Transportation Pooled Fund (TPF) Program. They are CA, CT, GA, IA, ID, IL, IN, KS, KY, LA, MI, MN, MS, MT, NV, TX, UT, VT, and WA. The 19 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 \$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 FY21 (Year 6) and FY22 (Year 7) are below. The following is a list of tasks the Center will perform for the program in FY21.

- 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 November’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 October through December for MDT and the board’s review. CHSC worked on revisions to the Aggressive Driving one pager and the Resources and Tools to Improve Pedestrian Safety Project proposal.

**Progress Schedule Status**

Activity	Percent Complete	Year 6 - Month											
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Task 1: Meeting Support	100%	X	X	X	X	X	X	X	X	X	X	X	X
Task 2: Report Writing Support	100%		X			X			X			X	
Task 3: Support Outreach and Awareness	100%	X	X	X	X	X	X	X	X	X	X	X	X
Task 4: Support Work Plan and Project Dev.	100%	X	X	X	X	X	X	X	X	X	X	X	X

Activity	Percent Complete	Year 7 - Month											
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Task 1: Meeting Support	17%	X	X										
Task 2: Report Writing Support	25%		X										
Task 3: Support Outreach and Awareness	17%	X	X										
Task 4: Support Work Plan and Project Dev.	17%	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 \$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, tool for stakeholders to assess potential effectiveness, PowerPoint slides, webinar, poster, and the final report.

During this quarter, CHSC completed the Task 2 Report and submitted it to the board for review. The board provided their review and comments were provided to CHSC at the end of December.

**Progress Schedule**

Activity	Percent Complete	2021-2022 Month											
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Task 0: Project Management	75%	X	X	X	X	X	X	X	X	X			
Task 1: Literature Review	100%	X	X	X	X	X							
Task 2: Resource	95%					X	X	X	X	X			
Task 3: Dissemination and Final Report	20%							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 \$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 completed the Task 1 Report and submitted it to the board for review. The board provided their review and comments were provided to CHSC at the end of December.

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	30%	X	X	X	X	X	X	X	X	X																		
Task 1: Literature Review	98%	X	X	X	X	X	X	X	X	X																		
Task 2: Content Dev. for Intervention	5%										X																	
Task 3: Test Intervention	0%																											
Task 4: Resources and Final Report	0%																											

**Anticipated work next quarter:**

Meetings

*Program Support Contract #8882-444-18*

Quarterly meeting on February 16<sup>th</sup>

- Set up Web-Ex meeting information.
- Provide meeting logistics and notes.
- Complete the Resources and Tools to Improve Pedestrian Safety Project proposal as well as revisions to the Aggressive Driving Project description.

Contract Status

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

- Respond to line-item comments and complete revisions to the Task 2 Report.
- Complete final resources and supportive materials.
- Submit draft final report.
- Schedule final webinar.

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

- Respond to line-item comments and complete revisions to the Task 1 Report.
- Begin content development for the intervention.

Board Activities

- Review and comment on the draft final report for A Review of Methods to Change Beliefs project.
- Review and comment on the Risky Pedestrian Project proposal.

**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 at this time.