

## 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>(i.e., SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX))</i></p> <p>TPF-5(309) and TPF-5(444)</p>	<p><b>Transportation Pooled Fund Program - Report Period:</b></p> <p><input checked="" 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 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)	\$1,024,844.06	96%

**Overall Project Statistics:**

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$54,561.69 and 5%	\$54,561.69	96%

Total MDT IDCs for this quarter = \$5,290.49

**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 = \$723.82

**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	\$128,488.42	87%

**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>
\$6,797.76 and 5%	\$6,797.76	93%

\*MDT IDCs for this quarter = \$1,280.71

**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	\$114,485.81	61%

**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>
\$47,763.93 and 31%	\$47,763.93	75%

\*MDT IDCs for this quarter = \$3,285.96

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

Total Project Budget	Total Cost to Date for Project	Percentage of Work Completed to Date
\$343,144.00 (Total costs for all contracts)	\$40,421.81	12%

**Overall Project Statistics:**

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$8,991.22 and 3%	\$8,991.22	12%

Total MDT IDCs for this quarter = \$711.44

**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	\$10,266.81 Y2	44% 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
\$8,991.22 and 40%Y2	\$8,991.22	46% Y2

\*MDT IDCs for this quarter for Y2 = \$711.44

**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	\$0.00	0%

**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	\$0.00	0%

\*MDT IDCs for this quarter for this project:

**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	\$0.00	0%

**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
\$0.00	\$0.00	0%

\*MDT IDCs for this quarter for this project:

## 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

February 17<sup>th</sup>

- Agenda
  - TPF Financial Update
  - New Projects Updates
  - Related Efforts – Relevant Information and Events
  - Recently Completed and Active Project Update
  - Meetings
  - Action Items
- Major actions
  - MDT, board, and CHSC discussed new project proposals.
  - 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 November meeting notes.
- Continued process of requesting funds for FFY2020-2024 TPF solicitation.
- Reviewed proposals for Synthesis of Research on Methods to Change Beliefs and Resources and Tools to Reduce Multi-Risk Driving Behaviors.
- Reviewed and provided comments on the Guidance on Messaging to Avoid Reactance and Address Moral Disengagement Task 3 Report and the Guidance on Cultural-Based Strategies to Grow Engaged Driving Task 2 Report.

### Program Fund Updates

TPF-5(309) As of March 31<sup>st</sup>, 2020, 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 March 31<sup>st</sup>, 2020, 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 (309)- Guidance for Evaluating Traffic Safety Culture Strategies #8882-309-14**

CHSC completed the final webinar and the project has closed.

**TPF-5 (309)- Guidance on Messaging to Avoid Psychological Reactance and Moral Disengagement #8882-309-15**

The Center for Health and Safety Culture was chosen by the board to implement and evaluate a culture-based intervention to address distracted driving in the workplace consistent with Washington State laws. The main goal will be to transform traffic safety culture within workplaces around the Target Zero priority of distracted driving, resulting in a workplace transformation that will embrace the values and mission of the Target Zero goal. The contract authorizes CHSC to conduct research from January 28, 2019 thru July 31, 2021. This is a cost reimbursement contract with a budget of \$137,844.00. Due to COVID-19 disruptions to driving, MDT had granted a no-cost extension to address the change in deliverables dates. The following is a list of tasks the Center will perform under this contract:

- Task 0: Project Management
- Task 1: Literature Review and Scale Selection
- Task 2: Develop and Implement Surveys
- Task 3: Develop Message Guidance
- Task 4: Create Resources and Complete Final Report

The deliverables for this contract include quarterly reports, literature review, scale selection, survey, message recommendations, information sheets, messaging guidance brief, PowerPoint slides, webinar, posters, and the final report.

During this quarter, CHSC addressed the comments on the Task 3 Report and began work on the final report.

Progress Schedule

Activity	Percent Complete	2019-2021 - Month																									
		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	85%	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
Task 1: Literature Review	100%	X	X																								
Task 2: Surveys	100%		X	X	X	X	X																				
Task 3: Message Guidance	100%						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
Task 4: Final Reports and Products	35%											X	X	X	X	X	X	X	X	X	X	X	X				

**TPF-5 (309)- Guidance to Promote Workplace Policies and Family Rules to Reduce Cell Phone Use While Driving and Promote Engaged Driving #8882-309-16**

The Center for Health and Safety Culture was chosen by the board to identify strategies for families and workplaces that foster engaged driving. The contract authorizes CHSC to conduct research from June 20, 2019 thru September 30, 2021. Due to COVID-19 disruptions to driving, CHSC requested an additional extension to deliverables. This is a cost reimbursement contract with a budget of \$151,968.00. The following is a list of tasks the Center will perform under this contract:

- Task 0: Project Management
- Task 1: Literature Review and Scale Selection
- Task 2: Develop and Implement Surveys

- Task 3: Develop Guidance for Families and Workplaces
- Task 4: Create Resources and Complete Final Report

The deliverables for this contract include quarterly reports, literature review, survey, report summarizing assessment, report summarizing guidance and message recommendations, information sheets, guidance brief, PowerPoint slides, webinar, posters, and the final report.

During this quarter, CHSC responded to the comments from the Task 2 report, collected responses for the two surveys (families and workplace), and analyzed the results used to inform the development of the guidance.

**Progress Schedule**

Activity	Percent Complete	2019-2021 - Month																										
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Ma	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Task 0: Project Management	85%	X	X	X	X	X	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																					
Task 2: Surveys	100%					X	X	X	X	X	X	X	X	X	X	X	X	X	X									
Task 3: Guidance	20%																			X	X	X						
Task 4: Final Reports and Products	0%																											

**TPF-5 (444)- Traffic Safety Culture – Phase 2 Management Support (8882-444-17 and 8882-444-18)**

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. Contract 8882-309-17 is for support services from January 1, 2020 until October 31, 2020. This is a cost reimbursement contract with a total budget \$30,155.00. This quarter CHSC submitted a proposal for FY21 support work and MDT chose to modify this current contract to include FY21. FY21 Contract number is 8882-444-18. The new end date of this contract is October 31, 2021. This amendment included \$22,246.00 of additional funding. The progress schedule for FY 2021 is 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

As part of this work, CHSC staff provided support and helped facilitate February’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 January through March for MDT and the board’s review. CHSC submitted final proposals for A Review of Methods to Change Beliefs project and Resources and Tools to Reduce Multi-Risk Driving Behaviors.

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	42%	X	X	X	X	X							
Task 2: Report Writing Support	50%		X			X							
Task 3: Support Outreach and Awareness	42%	X	X	X	X	X							
Task 4: Support Work Plan and Project Dev.	42%	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 \$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.

Progress Schedule

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

**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.

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		█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Task 1: Literature Review		█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Task 2: Content Dev. for Intervention																												
Task 3: Test Intervention																												
Task 4: Resources and Final Report																												

**Anticipated work next quarter:**

Meetings

*Program Support Contract #8882-444-18*

Quarterly meeting on May 17<sup>th</sup>

- Set up Web-Ex meeting information.
- Provide meeting logistics and notes.
- Prepare proposals for requested projects.

Contract Status

*Guidance on Evaluating Traffic Safety Culture Strategies #8882-309-14*

- Complete

*Guidance on Messaging to Avoid Reactance and Address Moral Disengagement #8882-309-15*

- Finalize and submit draft guidance and final report.

*Guidance to Promote Workplace Policies and Family Rules to Reduce Cell Phone Use While Driving and Promote Engaged Driving #8882-309-16*

- Develop guidance for families and workplaces to promote engaged driving.
- Submit Task 3 and final reports.

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

- Project planning and begin Task 1 work.

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

- Project planning and begin Task 1 work.

Board Activities

- Review and comment in draft guidance and final report for Guidance on Messaging to Avoid Reactance and Address Moral Disengagement.



**Significant Results:**

- Completed Guidance on Evaluating Traffic Safety Culture Strategies project.

**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).**

- COVID-19 had significantly affected driving behaviors and delayed implementation of surveys for 8882-309-15 and 8882-309-16.

**Potential Implementation:** None at this time.