

TRANSPORTATION POOLED FUND PROGRAM QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): Minnesota DOT

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 # TPF-5(376)		Transportation Pooled Fund Program - Report Period: <input checked="" type="checkbox"/> Quarter 1 (January 1 – March 31) - 2022 <input 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: North/West Passage Phase #4			
Name of Project Manager(s): Cory Johnson	Phone Number: 651.234.7062	E-Mail: cory.johnson@state.mn.us	
Lead Agency Project ID:	Other Project ID (i. e., contract #): MnDOT WP 14: 103322 MnDOT WP 15: 1044285 Project 13.3: 1033221 Freight Task Force: 1034827 Website Maintenance: 1036858 MnDOT: 1047785 MnDOT: 1051026	Project Start Date: April 2019	
Original Project End Date: July 31, 2023	Current Project End Date: July 31, 2023	Number of Extensions:	

Project schedule status:

On schedule
 On revised schedule
 Ahead of schedule
 Behind schedule

Overall Project Statistics:

Total Project Budget	Total Cost to Date for Project	Percentage of Work Completed to Date
\$469,760.51	\$370,688.62	77%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$20,000.00	\$20,000.00	4%

Project Description:

The North/West Passage Transportation Pooled Fund (TPF) Study is a multi-state cooperative program for the coordination, development, and deployment of Intelligent Transportation Systems (ITS) along the I-90 and I-94 corridor. The states of Washington, Idaho, Wyoming, Montana, North Dakota, South Dakota, and Minnesota began meeting in February 2002 to discuss the development of a North/West Passage multi-state transportation program. The states formally established as a TPF Study through the Federal Highway Administration (FHWA) in 2003. FHWA serves as a monitoring body, providing strategic and technical input. Minnesota serves as the Program Administrator and a Steering Committee consists of one representative from each of the states that have financially contributed to the effort. The Steering Committee meets monthly or as necessary to provide overall program direction.

North/West Passage members contribute \$25,000 or more annually to the pooled fund and are reimbursed for program travel. A work plan is developed and approved annually by the Steering Committee. Work Plan 1 and Work Plan 2 were funded through TFP-5(093). That project number was closed out and Work Plan 3 - Work Plan 13 were funded through the FHWA number TPF-5(190). Work Plan 14 – Work Plan 17 will be funded under this current TPF number: 5(376). To view each work plan and project results, visit the program website at:

<http://www.nwpassage.info/about/workplan.php>

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

Work Plan Projects

[Project 16.1: Operations Task Force – Year 9](#)

- The February 16 webinar focused on gathering project ideas for the Steering Committee to consider for Work Plan 17.
- On March 16, Travis Lutman presented on North Dakota DOT's Autonomous Attenuator and Autonomous Mower Projects.

[Project 16.3: North/West Passage Winter Performance Measures](#)

- A webinar was held on February 7 to focused on discussing potential project ideas for the Steering Committee to consider for Work Plan 17. Previous webinars reviewed recommendations from NCHRP 14-34: Performance Measures in Snow and Ice Control Operations and presentations from member states on LOS and recovery times.

[Project 15.3: North/West Passage Situation Data Exchange \(SDX\) - Phase 2](#)

- The final project deliverables for Project 15.3 were completed and are available at:
<https://www.nwpassage.info/projects/?phase=15&project=3>.

[Project 15.2: Freight Task Force – Year 5](#)

- Five companies responded to the RFI for truck platooning. Three were asked to provide additional information through a webinar format. Since then, the effort has been temporarily suspended as carriers are anxious to start. Discussions will continue but the focus may be adjusted.

[Project 15.4 Commercial Vehicle Traveler Information Assessment](#)

- The Commercial Vehicle Traveler Information Assessment is complete and the final report was posted on the website: <https://www.nwpassage.info/projects/?phase=15&project=4>

[Project 15.6 E-Screening Coordination Assessment](#)

- The project has started efforts on a case study to document what a trucking company would encounter with e-screen through multiple states along the corridor (Washington, Idaho, and Montana).

[Project 15.8: Activity to Support the Work Zone Data Initiative](#)

- Washington State DOT submitted a response to the WZDX grant demonstration that tied in benefits to North/West Passage and was successful in receiving the grant, \$10,000 from North/West Passage will be used towards the match from this project. Minnesota DOT was also successful in receiving a grant. Minnesota and Washington continued to provide updates on the grants.

Steering Committee

The Steering Committee provides overall program direction. The committee includes one representative from each of the active members of the North/West Passage program. The Steering Committee held three webinar meetings during the 1st Quarter (1/20, 2/10, and 3/17). The purpose of the calls were to:

- Provide project updates on the above current work plan projects.
- A webinar was held on November 15 and November 16 to review and edit as necessary the NWP focus areas, issues, vision, goals, and objectives. Based on the discussion edits have been made and an overview of changes were presented. The updated documented was approved for use by the members as Work Plan 17 is developed.
- Started to develop project ideas for Work Plan 17.
- Started to plan for the April in person Annual Meeting.

Anticipated work next quarter:

- Steering Committee Meetings in April (Annual Meeting), May and June.
- Continue to complete project tasks for the active work plan projects.
- Continue to develop project ideas for Work Plan 17

Significant Results:

- Project completed:
 - Project 15.3 Situational Data Exchange – Phase 2
 - Project 15.4 Commercial Vehicle Traveler Information Assessment

Circumstance 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).

N/A

Potential Implementation:

N/A