

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 type="checkbox"/> Quarter 1 (January 1 – March 31) <input type="checkbox"/> Quarter 2 (April 1 – June 30) <input checked="" type="checkbox"/> Quarter 3 (July 1 – September 30) – 2022 <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
\$672,646.54	\$459,253.22	68%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$70,540.80	\$70,540.80	10%

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 17.4 Communicating Route Restrictions to Third party Mapping/Navigation Providers](#)

- The project kicked off to remind the members of the purpose, related efforts, and project tasks.

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

- The July 27 webinar included a round robin discussion on closing roads without gates or barricades.
- A Technician’s Forum was held on September 7 and included the following three presentations.
 - Evaluation of Road Weather Messages on DMS using Roadside Pavement Sensors
 - Wyoming DOT Technician’s Perspective of using IRIS (Open Source ATMS software)
 - Next Generation Work Zone Data Integration and Dissemination – Work Zone Data Exchange (WZDx) Development from Planning to Operations

[Project 16.5: E-Screening Coordination Assessment](#)

- An initial project webinar was held. The project will focus on permitting and movement restrictions between MN, ND, and SD

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

- Informational webinars continued.

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

- Project completed.

[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 3rd Quarter (7/14, 8/18, 9/8). The purpose of the meetings were to:

- Provide project updates on the above current work plan projects.
- Prepared a final report for the previous TPF North/West Passage Number (TPF-5(190)) that is available at: <https://www.nwpassage.info/about/downloads/work-plan-summary-3to12.pdf>

Anticipated work next quarter:

- Steering Committee Meetings in October, November, and December.
- Continue to complete project tasks for the active work plan projects.

Significant Results:

Project completed:

- Project 15.6 E-Screening 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