

## 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.*

<b>Transportation Pooled Fund Program Project #</b> TPF-5(376)		<b>Transportation Pooled Fund Program - Report Period:</b> <input type="checkbox"/> Quarter 1 (January 1 – March 31) <input type="checkbox"/> Quarter 2 (April 1 – June 30) <input type="checkbox"/> Quarter 3 (July 1 – September 30) <input checked="" type="checkbox"/> Quarter 4 (October 1 – December 31) - 2021	
<b>Project Title:</b> North/West Passage Phase #4			
<b>Name of Project Manager(s):</b> Cory Johnson	<b>Phone Number:</b> 651.234.7062	<b>E-Mail:</b> <a href="mailto:cory.johnson@state.mn.us">cory.johnson@state.mn.us</a>	
<b>Lead Agency Project ID:</b>	<b>Other Project ID (i. e., contract #):</b> MnDOT WP 14: 103322 MnDOT WP 15: 1044285 Project 13.3: 1033221 Freight Task Force: 1034827 Website Maintenance: 1036858 MnDOT: 1047785	<b>Project Start Date:</b> April 2019	
<b>Original Project End Date:</b> July 31, 2022	<b>Current Project End Date:</b> July 31, 2022	<b>Number of Extensions:</b>	

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	\$350,688.62	75%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$36,708.49	\$36,708.49	8%

## **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 and future work plans 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 October 20 meeting focused on COVID pandemic operational efforts
- The November 17 webinar included presentations and discussions on innovations and advancements in winter operations.
- The December 15 webinar included presentations on worker presence approaches.

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

- The first webinar was held on October 25 to highlight recommendations from NCHRP 14-34: Performance Measures in Snow and Ice Control Operations. Discussions were also held around current use and gaps of winter performance measures, candidate performance measure changes, and consistent performance measures.
- The second webinar was held on November 15 and four states presented LOS and recovery approaches.
- The third webinar was held on December 6 and continued LOS and recovery approach presentations.

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

- Task 1: Roadside Safety Message and Gap Analysis was completed.
- A draft document on message delivery best practices was presented.

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

- RFI responses continued to be reviewed. Webinars were held with a few selected respondents for additional information.

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

- Developed draft report and distributed for review.

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

- The project will focus on a case study documenting the process from one point to another point along the corridor (Wyoming, Idaho, and Montana).

[Project 15.5 North/West Passage Responses to the COVID-19 Pandemic](#)

- Final edits were received on the COVID-19 pandemic report. Comments were incorporated and the report was posted on the North/West Passage website: <https://www.nwpassage.info/projects/?phase=15&project=5>

[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 4<sup>th</sup> Quarter (10/14, 11/18, and 12/9). The purpose of the calls were to:

- Provide project updates on the above current work plan projects.
- Review and update program focus areas, issues, goals, objectives, and vision.

**Anticipated work next quarter:**

- Steering Committee Meetings in January, February, and March.
- Continue to complete project tasks for the active work plan projects.
- Plan for Work Plan 16
- Finalize updates to program focus areas, issues, goals, objectives, and vision.

**Significant Results:**

- Project completed:
  - Project 15.5 North/West Responses to the COVID-19 Pandemic

**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