

**TRANSPORTATION POOLED FUND PROGRAM
QUARTERLY PROGRESS REPORT**

Lead Agency (FHWA or State DOT): Minnesota DOT

Transportation Pooled Fund Program Project #: <i>TPF-5(190)</i>		Transportation Pooled Fund Program - Report Period: <input checked="" 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 type="checkbox"/> Quarter 4 (October 1 – December 31)	
Project Title: North/West Passage Transportation Pooled Fund Study – Phase 3			
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 Contract No. 91150, 94522, 89264 WO#3, 89264 WO#6, 98623, 00976, 01576, 04288, 00977, 06484, 1000722, 1026190	Project Start Date: December 2008	
Original Project End Date: August 2017	Current Project End Date: August 2017	Number of Extensions: None	

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
\$1,241,391.13	\$1,146,922.54	92%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$61,001.69	\$61,001.69	5%

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, Minnesota, and Wisconsin 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 11 are funded through the FHWA number TPF-5(190). 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 10.4: Freight Task Force – Year 2

Project Objective: To continue to support freight related activities for North/West Passage for another year.

- January – On January 26 conducted a webinar on Toward Zero Deaths.
- February – On February 14 a webinar was held on “Truck Platooning 101.” Topics included: What is truck platooning? About truck platooning technology, How truck platooning can improve system operations, What states need to know before advancing truck platooning projects (including the regulatory environment). Presenters included:
 - Steve Boyd, Co-founder Peloton
 - Geoff Johnson, External & Public Affairs Strategist
- March – On March 14 a webinar was held on State Freight Plan Best Practices. Presenters included Ernie Perry from C-FIRE.

- Project 10.6: Multistate Assessment of Interstate Speed Limit Impacts

Project Objective: To examine the North/West Passage states’ current practices for setting speed limits along I-90/I-94, document legislative influences within the past 10 years, and assess the impacts (e.g. safety, enforcement) of higher speeds and varying speed limits along the multistate corridor.

- January-March – Continuing to finalize the second technical memorandum.

- Project 11.1: Operations Task Force – Year 4

Project Objective: To continue meeting as a task force for another year.

- January – Planned and conducted January 18 webinar to discuss law enforcement roles and relationships with the DOT for daily operations beyond incident management.
- February – Planned and conducted a webinar held on February 15 focused on interpreting DMS guidelines including challenges and changes in policy associated with interpreting and implementing DMS guidelines in the field.

- March – Planned and conducted March 15 webinar that included discussions to identify operation project ideas for consideration into the next North/West Passage Steering Committee Work Plan.
- Project 11.2: Forecasting and Alerting Travelers about Critical Conditions
Project Objective: Research and summarize the approaches that states are using to forecast and alert travelers about critical roadway conditions.
 - January – Conducted a call on January 30 with the project champion to discuss the approach for contacting each North/West Passage. Developed draft interview guide.
 - February-March – Finalized interview guide and scheduled interviews with North/West Passage members to discuss current, automated and forecasted road condition reporting.
 - February 28 – Brandon Beise, Joe Snustad, Mike Kisse, North Dakota
 - March 7 – Gabe Gutierrez, Wyoming DOT
 - March 8 – Cory Johnson, Minnesota DOT
 - March 9 – Dave Huft, South Dakota DOT
 - March 23 – Brandi Hamilton, Montana DOT
- Project 11.3: Work Zone Management Practices for I-90/I-94
Project Objective: Identify work zone management practices that are being used among the states for road work projects that significantly impact travel along the I-90/I-94 corridor.
 - January-February – Conducted interviews with the North/West Passage states.
 - January 9: Mike Miller, Montana DOT
 - January 10: Jim Wingerter, Montana DOT
 - January 12: Justin Wuest, Idaho Transportation Department
 - January 12: Brandon Beise, Doug Schumaker and Travis Lutman, North Dakota DOT
 - January 17: Adam Wellner, Minnesota DOT and Jeff Rieder, Minnesota DOT
 - January 18: Tom Dumont, Minnesota DOT
 - February 1: Christina Bennett, South Dakota DOT
 - February 2: Steve Haapala, Washington State DOT
 - March – Began summarizing interview discussions and started planning for April 26 project webinar.
- Project 11.4: Day One Activities to Prepare for Connected and Automated Vehicles
Project Objective: To help North/West Passage Member agencies to prepare for the transition to full deployment of Connected and Automated Vehicles.
 - January – Started to identify resources available regarding CV/AV.
 - February-March – Prepared draft CV/AV resource summary document to present during the March Steering Committee Meeting.

Steering Committee

The Steering Committee provides overall program direction. The committee held three teleconference meetings during the 1st Quarter (January 17, February 21, and March 21).

- Provided project updates on the above work plan projects.
- Continued to provide input to the Multi-state Corridor Operations Management (MCOM) Operations and Traveler Information Integration Sharing (OTIIS) North/West Passage Project that is administered by Montana DOT.
- Continued discussions on connected vehicle efforts.

Anticipated work next quarter:

- Steering Committee Meetings in April, May, and June.
- Continue to provide input to the Multi-state Corridor Operations Management (MCOM) Operations and Traveler Information Integration Sharing (OTIIS) North/West Passage Project website that is administered by Montana DOT.
- Continue to complete project tasks for the active work plan projects.
- Continue to discuss connected vehicle efforts.
- Continue to plan for May 2017 Annual Meeting.

Significant Results:

N/A

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