

## TRANSPORTATION POOLED FUND PROGRAM QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): Minnesota DOT

<b>Transportation Pooled Fund Program Project #:</b> <i>TPF-5(190)</i>		<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)	
<b>Project Title: North/West Passage Transportation Pooled Fund Study – Phase 3</b>			
<b>Name of Project Manager(s):</b> Cory Johnson	<b>Phone Number:</b> 651.234.7062	<b>E-Mail</b> cory.johnson@state.mn.us	
<b>Lead Agency Project ID:</b>	<b>Other Project ID (i.e., contract #):</b> MnDOT Contract No. 91150, 94522, 89264 WO#3, 89264 WO#6, 98623, 00976, 01576, 04288, 00977, 06484, 1000722, 1026190	<b>Project Start Date:</b> December 2008	
<b>Original Project End Date:</b> August 2017	<b>Current Project End Date:</b> August 2017	<b>Number of Extensions:</b> 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
\$1,239,875.68	\$1,085,920.85	88%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$26,699.03	\$26,669.03	2%

**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.*
  - October – Held October 18 webinar that was focused on truck parking.
  - November – Held November 1 webinar that focused on the I-80 connected trucks pilot that Wyoming DOT is leading with emphasis on the infrastructure to vehicle aspects.
  - December – Gathered topics for 2017 webinars.
  
- 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.*
  - October – The Project Team and Steering Committee reviewed and provided comments on the first technical memorandum.
  - November – Began work on the second technical memorandum focused on safety impacts.
  - December – Finalized the first technical memorandum. Project champion provided comments on second technical memorandum. After comments are incorporated the document will be sent to the Project Team and the Steering Committee for review.
  
- Project 11.1: Operations Task Force – Year 4  
*Project Objective: To continue meeting as a task force for another year.*
  - October – A webinar about seasonal coordination during major events among the North/West Passage members was held on October 19. The purpose of the webinar was to remind operations staff in the NWP states of the tools available to support traveler information and operational coordination during major events along I-90/I-94.

- November – A webinar was held to discuss color DMS use including current practice and policy among the states with using color DMS for symbols, images, and special messaging activities.
  - December – Planned for the January 18 webinar to discuss how DOTs are working with law enforcement beyond incident management.
- 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.*
    - November – Project kicked off during the November Steering Committee meeting.
    - December – Started to identify North/West Passage states providing forecasted alerts.
- 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.*
    - November – Began to review and summarize national information and resources on work zone management practices from key publications and resources.
    - December – Contacted North/West Passage Steering Committee members for work zone coordinators contacts to request an interview to discuss work zone management practices on I-90 and I-94.
- 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.*
    - December – Project kick off during the December Steering Committee meeting.

#### Steering Committee

The Steering Committee provides overall program direction. The committee held three teleconference meetings during the 4th Quarter (October 18, November 17, and December 20).

- 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 January, February, and March.
- 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.
- Start 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