

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 type="checkbox"/> Quarter 1 (January 1 – March 31) <input checked="" 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, 1002548, 1028881	Project Start Date: December 2008	
Original Project End Date: August 2018	Current Project End Date: August 2018	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
\$1,408,797.80	\$1,295,435.78	96%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$63,929.88	\$63,929.88	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 12 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 12.1: Operations Task Force – Year 5

Project Objective: North/West Passage has supported an Operations Task Force for four years with the intent of establishing relationships, enhancing the scope of operations-oriented projects, supporting further implementation of project findings, and increasing interaction among the states outside of major events.

- May: Discussed camera placement, maintenance, and integration.
- June: Reviewed Operational Guidelines for Coordinating Traveler Information with Other States along I-90/I-94, dated June 14, 2013, and MOU, dated November 4, 2011, for updates as needed

- Project 12.2: Freight Task Force – Year 3

Project Objective: Year 3 of the task force is focused on three efforts: outreach and education, truck platooning research and implementation, and virtual weigh station (VWS) research and implementation.

- A set of criteria were identified to select a road segment for a truck platooning demonstration.
- A summary of what approaches states are taking related to deployment of VWS was presented including benefits, challenges, and lessons learned.

- Project 12.3: NWP Corridor Large Scale ITS Deployment Development

Project Objective: The intent of this project is to follow a process to determine the most appropriate large scale ITS deployment by prioritizing both the technologies to be deployed and the location. The overall concept would be to follow a process to prioritize both the technologies to be deployed, the location, and finally the funding proposal.

- Steering Committee agreed that initial planning work through a feasibility study or brief concept of operations document is needed in order for states to understand details of what changes are desired to existing 511 systems as well as the match funding requirements for each state. It was suggested after this initial work is completed, to submit the project idea (enhancing each state's 511 system to provide work zone alerts to travelers) for consideration in a future round of ATCMTD grants.

- Project 12.4: Evaluation of Rural 511 Phone Service
Project Objective: This project will identify the state of practice and trends in usage to determine the potential future of 511 phone service. With the increased use of mobile web devices, applications, and in-vehicle navigation, many states are exploring the elimination, modification, or rebranding of 511 phone services.
 - Project complete: <https://www.nwpassage.info/projects/?phase=12&project=4>
- Project 12.7: Plow Camera and Location Sharing Practices
Project Objective: Summarize current practices to share plow cameras and locations for traveler information.
 - Completed interviewing states use plows cameras and being planning for a peer exchange webinar.

Steering Committee

The Steering Committee provides overall program direction. The committee held two teleconference meetings during the 2nd Quarter (May 10 and June 14) and one in person meeting on April 16.

- Provided project updates on the above work plan projects.
- Voted on Work Pan 13 project ideas.
- Signed a letter of support for a NDDOT and NDSU proposal on freight platooning in interstate corridors.

Anticipated work next quarter:

- Steering Committee Meetings in July, August, and September.
- Continue to complete project tasks for the active work plan projects.
- Approve Work Plan 13.
- Present accepted abstracts at the National Rural ITS Conference.

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