

TRANSPORTATION POOLED FUND PROGRAM QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): Minnesota DOT

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| 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 | 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 |
|----------------------|--------------------------------|--------------------------------------|
| \$1,238,469.57 | \$1,211,268.11 | 98% |

Quarterly Project Statistics:

| Total Project Expenses and Percentage This Quarter | Total Amount of Funds Expended This Quarter | Total Percentage of Time Used to Date |
|--|---|---------------------------------------|
| \$64,345.57 | \$64,345.57 | 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.
 - Freight funding projects were prioritized and recommendations presented.
 - Truck parking availability in each state was reviewed to provide insight into available funding and partnerships available.

- 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.
 - April - June – Continuing to finalize the second technical memorandum and complete the final summary report.

- Project 11.1: Operations Task Force – Year 4
Project Objective: To continue meeting as a task force for another year.
 - April – A panel discussion on ITS asset management was conducted.
 - June – Task Force discussion recent WSDOT and SDDOT Regional Operations forums and the potential for North/West Passage to host a second forum.

- 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.
 - Project completed. Final summary report available at:
<https://www.nwpassage.info/projects/?phase=11&project=2>

- 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.
 - Project completed. Final summary report available at:
<https://www.nwpassage.info/projects/?phase=11&project=3>
- 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.
 - Discussed what may be missing from the resource available that could be brought back to some of the connected and automated vehicle groups.

Steering Committee

The Steering Committee provides overall program direction. The committee held two teleconference meetings during the 2nd Quarter (April 18 and June 20) and an annual meeting on May 16 and 17.

- Provided project updates on the above work plan projects.
- Voted on work plan 12 projects.
- Developed a project idea on a connected vehicle vision for rural connected vehicle corridors to submit to NCHRP 20-102.

Anticipated work next quarter:

- Steering Committee Meetings in July, August and September.
- Continue to complete project tasks for the active work plan projects.
- Continue to discuss connected vehicle efforts.

Significant Results:

- Completed Project 11.2: Forecasting and Alerting Travelers about Critical Conditions
- Completed Project 11.3: Work Zone Management Practices for I-90/I-94

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