

## 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> <i>(i.e., SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX))</i>  TPF-5(190)	<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 checked="" type="checkbox"/> Quarter 3 (July 1 – September 30) <input 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, WO#3, 89264 WO#6, 98623, 00976, 00977, 01576	<b>Project Start Date:</b> December 2008
<b>Original Project End Date:</b> September 2012	<b>Current Project End Date:</b> August 2013	<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
\$576,211.07	\$362,625.07	63%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$75,983.68	\$75,983.68	13%

**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 4, Work Plan 5, and Work Plan 6 and Work Plan 7 are funded through the new FHWA TPF-5(190) number. To view work plans 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.):**

- Continued to summarize surveys conducted to document public agencies experiences with sensors and MDSS efforts from Project 5.4: Use of Mobile Sensors & Maintenance Decision Support for Automated Road Condition Reporting. This project is focused on developing a best practice document summarizing mobile weather and road condition measurement and reporting systems, and research approaches toward automating road condition reporting using Maintenance Decision Support Systems (MDSS) and mobile monitoring devices.
- Completed Project 5.6: Facilitating the Use of Open Source Software Throughout the Corridor. This project educated North/West Passage members on how to acquire, modify, maintain and integrate open source software. The final project summary is available at: <http://www.nwpassage.info/projects/phase5/?project=5.6>
- Completed Project 6.1: Corridor-wide Traveler Information Coordination – Operational Test. An event summary of the Sturgis Motorcycle Rally was developed. The summary is available at <http://www.nwpassage.info/projects/phase6/?project=6.1>
- Continued to work with the North/West Passage member states to revise the Project 6.2: 23 CFR 511 Final Rule Draft Report. This project is investigating options and promoting consistent application of the federal rule regarding the real-time system management information program (23 CFR 511).
- Continued to discuss proposed citizen assisted road and weather phrases for Project 6.3: Citizen Assisted Reporting – Phase 2. This project includes Idaho working to developing a citizen reporting program based on Wyoming's citizen assisted reporting program. The North/West Passage program is assisting the two states in identifying common road and weather phrases to use between the two systems.
- Completed Project 6.4: Benefit/Cost Tool – Phase 2. The objective of this project was to enhance and improve the Benefit/Cost Tool (Project 5.2) developed previously by North/West Passage. The final benefit/cost tool is available at: <http://www.nwpassage.info/projects/phase6/?project=6.4>
- Three conference calls were held for Project 6.6: Regional Permitting Phase 3. Highlights from the meeting included finalizing the management group for the project, presentation from the Chair of SCOHT on a similar

project and review of MAP-21 and significant freight provisions. The goal of this project is to continue the coordination of the eight states working toward permitting consistencies between states building off the recommendations from the earlier phases.

- Completed Project 6.7: Corridor-Wide Marketing and Outreach to CVO's. The focus of Project 6.7 was to gather feedback from the trucking industry and DOT staff on website enhancements to the [i90i94travelinfo.com](http://www.i90i94travelinfo.com) website. In addition to enhancing the website, the project also focused on identifying current communication channels that exist with commercial vehicle carriers and identifying what gaps exist. The final report is available at: <http://www.nwpassage.info/projects/phase6/?project=6.7>

#### Steering Committee

The Steering Committee provides overall program direction. The committee held three teleconference meetings during the 3<sup>rd</sup> Quarter (July 10, August 14, and September 11, 2012).

- The Steering Committee approved Work Plan 7
- Reviewed the feedback and usage statistics from the [i90i04travelinfo.com](http://www.i90i04travelinfo.com) website
- Provided project updates on the above projects

#### **Anticipated work next quarter:**

##### **Status/Progress Anticipated Next Quarter**

- Steering Committee Meetings in October, November and December
- Continue to summarize surveys conducted and develop draft chapters to document public agencies experiences with sensors and MDSS efforts from Project 5.4: Use of Mobile Sensors & Maintenance Decision Support for Automated Road Condition Reporting.
- Continue to work with the North/West Passage member states to revise the Project 6.2: 23 CFR 511 Final Rule Draft Report.
- Continue to discuss and approved proposed citizen assisted road and weather phrases for Project 6.3: Citizen Assisted Reporting – Phase 2.
- Hold conference calls in October, November and December for Project 6.6: Regional Permitting Phase 3.

#### **Significant Results:**

- Completed Project 5.6: Facilitating the Use of Open Source Software Throughout the Corridor. The final project summary is available at: <http://www.nwpassage.info/projects/phase5/?project=5.6>
- Completed Project 6.1: Corridor-wide Traveler Information Coordination – Operational Test. An event summary of the Sturgis Motorcycle Rally was developed. The summary is available at <http://www.nwpassage.info/projects/phase6/?project=6.1>
- Completed Project 6.4: Benefit/Cost Tool – Phase 2. The objective of this project was to enhance and improve the Benefit/Cost Tool (Project 5.2) developed previously by North/West Passage. The final benefit/cost tool is available at: <http://www.nwpassage.info/projects/phase6/?project=6.4>
- Completed Project 6.7: Corridor-Wide Marketing and Outreach to CVO's. The focus of Project 6.7 was to gather feedback from the trucking industry and DOT staff on website enhancements to the [i90i94travelinfo.com](http://www.i90i94travelinfo.com) website. In addition to enhancing the website, the project also focused on identifying current communication

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**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