

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.

Transportation Pooled Fund Program Project # <i>(i.e., SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX))</i> TPF-5(190)	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, WO#3, 89264 WO#6, 98623, 00976, 00977, 01576	Project Start Date: December 2008
Original Project End Date: September 2012	Current Project End Date: August 2013	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
\$665,001.34	\$452,639.76	90%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$142,944.01	\$142,944.01	22%

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 TPF-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 develop draft chapters for 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.
- 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).
- Completed 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. The final summary report is available at: <http://www.nwpassage.info/projects/phase6/?project=6.3>
- Three conference calls were held for Project 6.6: Regional Permitting Phase 3. Highlights from the meetings included discussing loading issues and consistencies between states. 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.
- CCTV locations were added to the North/West Passage Google Map, a draft summary assessment document was developed and an ITS planning summary document was developed for Project 7.1: NWP Goal Assessment and Planning for ITS Corridor Deployment. This project will identify how NWP projects meet the corridor’s vision, goals and objectives and identify gaps, summarize how each NWP state plans and prioritizes ITS deployments along the I-90 and I-94 Corridor and assess existing ITS deployments for potential gaps that could lead to future deployments.
- An event summary was prepared following a winter storm in February for Project 7.2: Corridor-wide Traveler Information Coordination Operational Test: Phase 2. This project is focused on determining the threshold of

when multi-state coordination is needed for planned and unplanned events along the corridor, expanding the roadwork map display website developed by the Great Lakes Regional Transportation Operations Coalition (GLRTOC) to include the North/West Passage states and extend evaluation of coordination during major events.

- Continued to update the literature summary developed for Project 7.3: Truck Parking Projects along the Corridor and Evaluate Third Party Data for Truck Parking Availability. The goals of this project are to summarize the findings from other projects designed and explore if and how third party data could be used to indicate truck parking availability.
- Kicked off Project 7.5: NWP Freight Industry Webinar. The scope of the project was reviewed and updated. The goal of the project is to open dialogue with the North/West Passage Freight Community.

Steering Committee

The Steering Committee provides overall program direction. The committee held three teleconference meetings during the 1st Quarter (January 8, February 12, and March 12, 2013).

- Provided an update on the contracting process for the Multi-state Corridor Operations Management Program (MCOM) project. FHWA selected North/West Passage for funding through the MCOM Program. The purpose of the MCOM program is to promote regional cooperation, planning, and shared project implementation for research programs and projects that improve multimodal transportation system management and operations.
- Provided project updates on the above projects

Anticipated work next quarter:

Status/Progress Anticipated Next Quarter

- Steering Committee Meetings in April, May and June
- Continue to draft chapters for 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.
- Hold conference calls in April, May and June for Project 6.6: Regional Permitting Phase 3.
- Identify project concepts based on the gap assessment to outline potential project for the corridor to consider over the next five years for Project 7.1: NWP Goal Assessment and Planning for ITS Corridor Deployment.
- Develop a draft After Action Report/Implementation Plan for Project 7.2: Corridor-wide Traveler Information Coordination Operational Test: Phase 2. The report will include a summary of the events evaluated for the project as well as summarize day to day coordination activities between states.
- Continue to add to the literature summary and contract third party data providers to discuss the feasibility of using data for truck parking for Project 7.3: Truck Parking Projects along the Corridor and Evaluate Third Party Data for Truck Parking Availability.
- Develop and distribute a flyer and agenda for webinar for Project 7.5: North/West Passage Freight Industry Workshop.

Significant Results:

- Completed 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. The final summary report is available at: <http://www.nwpassage.info/projects/phase6/?project=6.3>

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