

North/West Passage

Transportation Pooled Fund Study

DMS Workshop

November 4 & 5, 2003

Ed Ryen, North Dakota DOT

Background

- December 7, 2001 – Minnesota Guidestar approved the development of a multi-state project to coordinate ITS deployments along I-90 and I-94
- February 25, 2002 – Representatives from Washington, Idaho, Montana, North Dakota, South Dakota, Minnesota and Wisconsin held a workshop to discuss the development of a coalition along I-90 and I-94
- North Dakota, Minnesota, and Wisconsin have secured approval and funding to initiate the development of a North/West Passage Transportation Pooled Fund (TPF) study
- Other I-90 and I-94 states have continued to express interest in the project, but do not have funding secured to participate at this time



Goal and Vision of TPF Study

Goal of North/West Passage TPF Study

Implement and evaluate integrated traveler information systems and coordinate maintenance operations across state borders.

Long-Term Vision of North/West Passage TPF Study

Influence ongoing standards development; operate database systems that can transmit and receive multiple data streams; and, utilize effective methods for sharing, coordinating, and integrating traveler information across state borders.

Current Status

- Minnesota DOT is the lead organization for the TPF Study
- FHWA has approved the North/West Passage Program as a TPF Study
- North/West Passage Program is included on the FHWA Pooled Fund Web site (www.pooledfund.org) and is soliciting participation from additional states
- Minnesota, North Dakota, and Wisconsin have developed a Work Plan that includes projects identified for phase I of the TPF study (as additional states join the Work Plan will be revised)
- Phase I projects are scheduled to start in January 2004



Phase I Projects Summary

Project Name	Project Champion(s)	Project Cost
1.1 Integrate ND, WI, and MN Reporting Systems	Ginny Crowson, Mn/DOT	\$32,000
1.2 Deploy Limited CARS Application for WI	Phil DeCabooter, WisDOT	\$10,000
1.3 Develop Automated Road Condition Reporting System (Possible Future Project)	Ginny Crowson, Mn/DOT	\$00
1.4 Provide Integrated Communications Capabilities for ND DMS (Possible Future Project)	Ed Ryen, NDDOT	\$00
1.5 Preliminary Design for DMS Deployment on I-94 Eastbound in ND	Ed Ryen, NDDOT Dennis Redig, Mn/DOT	\$12,000
1.6 Preliminary Design for DMS Deployment at the I-94 and I-90 split in Tomah, WI	Phil DeCabooter, WisDOT	\$12,000
1.7 Develop a North/West Passage Web Site	Ayman Smadi, NDSU	\$4,000
1.8 Develop a Communications Plan for the De-Icing System to be installed on the I-94 Bridges at Red River	Dennis Redig, Mn/DOT	\$20,000
1.9 Develop a Lessons Learned Document Comparing Requirements for CARS Deployment in WI to Meridian's Planned Reporting System in ND	Ayman Smadi, NDSU	\$15,000
Total Cost of Phase I Projects		\$105,000*

**Total does not include costs for admin, travel, meeting or consultant support services.*



Contact Information

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