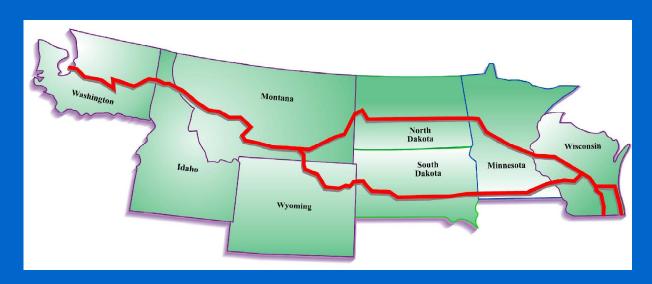
North/West Passage Transportation Pooled Fund



ITS Heartland Annual Meeting Springfield, MO April 8, 2008

Bob Koeberlein, Idaho Transportation Department







- Background and Focus
- Work Completed
- Work in Progress
- Future Work
- Pooled Fund Benefits
- Questions



Background and Focus

• December 2001

 Minnesota Guidestar approved the development of a multi-state project to coordinate ITS deployments along I-90 and I-94

• February 2002

 Washington, Idaho, Montana, Wyoming, North Dakota, South Dakota, Minnesota and Wisconsin met to discuss multi-state coalition along I-90 and I-94



Background and Focus

Goals

- Integrate traveler information systems that can provide information appropriate to the location and need of the traveler
- Develop and promote cross-border jurisdictional cooperation and coordination in the planning, deployment, operations, and maintenance of ITS infrastructure
- Integrate ITS projects for the North/West
 Passage Corridor into the state, regional, and local planning and programming processes



Background and Focus

- June 2002
 - Pooled fund solicitation issued
- 2003
 - Pooled fund established with contributions
 from North Dakota, Minnesota, and Wisconsin
- 2005
 - Pooled fund expands with contributions from all eight states





• Phase 1-- Consultant was URS

- Integrate ND, WI and MN Reporting Systems
- Deploy Limited CARS Study Application for WI
- Preliminary Design for DMS Deployment on I-94 in ND
- Preliminary Design for DMS Deployment at the I-94/I-90 Split in Tomah, WI





- Phase 1 (continued)
 - Develop North/West Passage Program Web
 Site
 - Develop Communications Plan for the Anti-Icing System on I-94 Red River Bridge
 - Develop a Lessons Learned Document
 Comparing Reporting Systems
- Phase 2— Consultant was SEH
 - ITS Integrated Corridor Strategic Plan



Coalition Website





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The North/West Passage Corridor encompasses the states along I-90/I-94 from Wisconsin to Washington and is an FHWA Transportation Pooled Fund (TPF) Study.

The objective of the study is to influence ongoing standards development; and utilize effective methods for sharing, coordinating, and integrating traveler information across state borders. Using appropriate delivery systems, traveler information will be made available to internal staff, and the traveling public via 511, Dynamic Message Signs (DMS) and other systems.

In the North/West Passage Corridor states (North Dakota, Wisconsin, Minnesota, Washington, Idaho, Wyoming, Montana, and South Dakota) there are currently numerous systems for collecting, processing and integrating traveler and road maintenance information, and for delivering the information to users. However, this information is not readily shared across state borders.

North/West Passage Corridor Coalition is a pooled fund study

More Info >



Required Plug-ins

Site Updated: 10.17.07 North/West Passage





- Phase 3— <u>Consultant is Athey Creek</u> <u>Consultants</u>
 - Corridor-Wide Consistent Major Event Descriptions
 - Clarus—Meridian Environmental
 - CAD to Reporting Systems Integration Workshop
 - North/West Passage Traveler Information Web
 Site
 - Cross Border Operations and Maintenance Collaboration Workshop



Corridor Website







Live Cameras for Lookout Pass, ID



Your National Weather Service forecast

Mullan ID





Future Work

- Phase 4 (proposed)
 - States are considering projects for fourth work plan
 - Conduct Warrant Assessment of ITS Devices
 - Develop Corridor One-Stop Over dimension Permitting
 - North/West Passage Traveler Information Web Site Part 2
 - Facilitate Use of Open Source Software
 - Expand Corridor Truck Parking Facilities
 - Call Forward and Evaluate Cross Border Information Requests
 - Corridor Marketing and Outreach to CVOs
 - Center-To-Center Concept of Operations
 - Establish DMS Message Sets
 - Explore Using MDSS for Traveler Information



Pooled Fund Benefits

- Shared experiences and lessons learned
 - Reporting systems
 - ITS deployments
 - TOC/TMC deployment (staffing, software, etc.)
 - CAD to Reporting Systems integration
- Increased awareness of traveler and operational issues
 - Mountain pass closures cause 100 mile+ detours
- Improved corridor traveler information, data and video
- Cross Border O&M coordination
- Improved customer service

Questions



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