Transportation Pooled Fund Program

Project Title: Software Tools for Sharing and Integrating GIS Data		
Project Manager and Phone Number: Tami Griffin (360) 709-5513	**Project No:** TPF-5(108)	Project is: _____ PLANNING _X_ R&D
Reporting Period: October, 2007 – December, 2007	**Multi Year Project** Yes	

Description of Work Performed and Progress:

The Transportation Pooled Fund pilot called the One-Road Pilot Phase I is continuing. The WA-Trans infrastructure (purchased with non-research funds) is configured and ready for use in the project research. Server software automating the use of translation software has been successfully researched and tested. Web Portal computer-off-the-shelf (COTS) software is ready to install for further development. The COTS software chosen for testing meets 80 percent of the approved requirements without customization. Public/Private partnerships agreements have been completed. The integration of COTS software for use in sharing data is in process.

Five counties and two state jurisdictions have agreed to assist with this pilot. These jurisdictions are working between themselves to establish connected data. We have successfully connected data between states (Oregon and Washington). Conflation processes to make translated data usable for a broad user group is being researched. The database and data translation tools are facilitating this process in a positive manner supporting previous research and decisions. Oregon and Washington are building processes to share data between states. The Web Portals will be tested as the mechanism for the sharing of this data. The National Map (TNM) and US Geological Survey (USGS) will receive updated data once the portals are tested. This will be a test to determine data sharing with a federal jurisdiction. We are working with Census and local E-911 organizations to make sure the resulting data used, when testing the Data Provider software processes, are useful to them. We are leveraging a WA-Trans university partnership for conflation research and automation.

Current Members of this TPF Study are: Idaho Nebraska, Ohio, Oregon, Tennessee and Washington. (California is in the process of joining, but has not formally committed) Other states are encouraged to join.

STATUS AND COMPLETION DATE

Percentage of work completed to date for total project
Project is: 50 %

_X_ on schedule _____ behind schedule, explain:

The portal software will be installed and researched in January 2008. Change Detection processes and software research will begin in January 2008. We expect to gather requirements to further enhance the portals and translation integration as well as requirements for software to automate some of the integration processes.

Expected Completion Date: 06-2009 Phase IV Completion Date

Project Manager