

## Transportation Pooled Fund Program

<b>Project Title:</b> Software Tools for Sharing and Integrating GIS Data		
<b>Project Manager and Phone Number:</b> Tami Griffin (360) 709-5513	<b>Project No:</b> TPF-5(108)	<b>Project is:</b> <input type="checkbox"/> PLANNING <input checked="" type="checkbox"/> R&D
<b>Reporting Period:</b> April, 2008 – June, 2008	<b>Multi Year Project</b> Yes	
<b>Description of Work Performed and Progress:</b>		
<p>The Transportation Pooled Fund pilot called the One-Road Pilot Phase I is continuing. The Public/Private partnership with the Web Portal software vendor has resulted in a Data User Web Portal with functions meeting many user requirements. Data from the centralized database, loaded by Spatial ETL software, can be viewed, selected and downloaded through the Data User Portal. Spatial datasets, with a GIS format selected by a user, can be downloaded to a users system. Testing of the portal by small user groups has begun with broad user group tests to begin in August. In the One-Road Pilot Phase II, the research of change detection processes has resulted in some automation and other processes we are getting ready to test with various datasets. Disparate spatial datasets can be translated into the centralized database and the change detection processes will be integrated during this testing. The goal of the change detection process is to be able to maintain transportation data by updating only the changes each time a provider submits data using as much automation as possible.</p> <p>Five counties and two state jurisdictions have been working with us on the One Road Pilot Phase I. Their connected data is being placed in the centralized database. We have an interagency agreement with Central Washington University (CWU). With the help of CWU these jurisdictions are working between themselves to establish connected data. We have successfully connected data between states (Oregon and Washington) and are continuing to do so as we progress through various jurisdictions. Conflation processes to make translated data usable for a broad user group continues to be researched by CWU. 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. With the addition of more data between jurisdictions and states the Data User web portals is nearly ready to be tested by those participating in the One-Road Pilot Phase I project. 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.</p> <p>Current Members of this TPF Study are: California, Idaho, Nebraska, Ohio, Oregon, Tennessee and Washington. Other states are encouraged to join.</p>		
<b>STATUS AND COMPLETION DATE</b>		
Percentage of work completed to date for total project Project is: <u>65 %</u>  <input checked="" type="checkbox"/> on schedule <input type="checkbox"/> behind schedule, explain:		
The Data User Portal software has been customized and testing by data users has started. Change detection processes have been created and testing will start in August. The Data Provider Portal development will begin in late July 2008. Research on integration and conflation process and automation of these processes has begun.		
Expected Completion Date: <u>06-2009 Phase IV Completion Date</u>		

**Project Manager**