

Transportation Pooled Fund Program

Project Title: Software Tools for Sharing and Integrating GIS Data		
Project Manager and Phone Number: Tami Griffin (360) 596-8926	Project No: TPF-5(108)	Project is: <input type="checkbox"/> PLANNING <input checked="" type="checkbox"/> R&D
Reporting Period: October 2009 – December 2009	Multi Year Project Yes	
Description of Work Performed and Progress:		
<p>The Transportation Pooled Fund Study called the Software Tools for Sharing and Integrating GIS Data (also called The One Road Pilot) is continuing. Due to funding constraints we will be unable to complete many of the research items we have started by the end of June 2010. We have about 2/3 of the funding we needed to complete this research project as initially envisioned. Additional funding is necessary to complete the project and in anticipation of this additional funding this pooled fund end date will be extended.</p> <p>Software processes completed this period include: 1.) Automated QA/QC processes to determine if integration and conflation processes have been completed correctly, 2.) Updated translation processes to be database driven and ease software maintenance.</p> <p>Software processes being researched completion include: 1.) Conflation of coincident data and attribution at jurisdictional boundaries and within a jurisdiction. 2.) Automated Topology and connectivity review and data corrections based on review. 3.) Documentation of all processes. 4.) Linking processing to enable automation from data submittal to final manual processing and review prior to loading for the Data User Portal.</p> <p>We are currently working with the University of Nebraska to assist in implementing the software and processes we have researched into the Nebraska GIS environment.</p> <p>We are working with Spokane GIS to implement our processes in their environment so they can begin performing our methodology for integration and conflation processes on surrounding counties using TPF created software. This process will test the portability of the software this project has created.</p> <p>Current Members of this TPF Study are: California, Idaho, Nebraska, Ohio, Oregon, Tennessee and Washington. North and South Carolina, Illinois and Texas have shown an interest and have attended TPF demonstrations. WA-Trans is willing to give demonstrations to other interested states.</p>		
STATUS AND COMPLETION DATE		
Percentage of work completed to date for total project Project is: <u>82 %</u>		
<input checked="" type="checkbox"/> on schedule <input type="checkbox"/> behind schedule, explain:		
Automated integration and conflation is continuing. A revised completion date of 2011 is proposed with the expectation that new partners will contribute funding to continue this software research.		
Expected Completion Date: <u>06-2011 Phase IV Completion Date</u>		

Project Manager