

Transportation Pooled Fund Program

Project Title: Software Tools for Sharing and Integrating GIS Data		
Project Manager and Phone Number: Michael Leierer (360) 596-8927	Project No: TPF-5(108)	Project is: <input type="checkbox"/> PLANNING <input checked="" type="checkbox"/> R&D
Reporting Period: July 2010 – September 2010	Multi Year Project Yes	
Description of Work Performed and Progress:		
<p>The Transportation Pooled Fund (TPF) Study “Software Tools for Sharing and Integrating GIS Data” is continuing. The Washington State Transportation Framework (WA-Trans) is leading this TPF study. 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 has been extended till June 2011.</p> <p>We do expect to run out of funds by the end of March 2011. With this in mind at the Annual Meeting in September 2010 the TPF partners prioritized the software of most interest. The goal is to <u>complete</u> the software indentified as the top priority and do as much as possible on the remaining software. We are also going to focus on delivery of this software to each partner to include documentation specific to each state DOT environment.</p> <p>It is very clear that all of the software being researched and developed is important and there will be efforts by the TPF partners find additional funds to ensure all software can be adequately researched.</p> <p>Other States are adopting WA-Trans structures and processes.</p> <ul style="list-style-type: none"> • The California Department of Transportation (Caltrans) is implementing a version of the design, processes, and tools developed as part of this study to obtain and process open source road data for their HPMS management and federal reporting. Not only is Caltrans replacing their commercial roads layers with an open source roads layer leveraging the tools and methods from WA-Trans, but implementation of the model is also being considered for use in other data integration and sharing efforts being led by the State Office of the Chief Information Officer's GIO and the California GIS Council. • The Tennessee Department of Transportation (TDOT) has expended substantial resources to collect physical inventory for all local roads in the state. It is hoped that the WA-Trans project will provide us the tools to eliminate or greatly reduce the need for field data collection by providing for incorporation of local data into our database. In addition, these tools will allow TDOT to automate our response to transportation data requests. Both aspects to the WA-Trans processes and software have the potential to free up substantial human resources for other tasks while holding down overall expenses."The Oregon State Department of Transportation and the contractors working for them are currently using processes developed as part of this study. • HPMS data is being integrated using WA-Trans created software, methodologies and processes to meet 2011 FHWA reporting requirements and economize HPMS processing efforts at WSDOT. <p>There was very little research performed this period. The WSDOT resources delegated to the TPF research were tasked with other work. Very little TPF funds were expended or research preformed this period. The other work is nearing completion and staff will be focusing on TPF work starting in November.</p> <p>Current Members of this TPF Study are: California, Idaho, Nebraska, Ohio, Oregon, Tennessee and Washington.</p>		
STATUS AND COMPLETION DATE		
Percentage of work completed to date for total project Project is: <u>87 %</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 there will be new additional funding to continue this software research.		
Expected Completion Date: <u>06-2011 Phase IV Completion Date</u>		