Washington Transportation Framework for Geographic Information Services Project (WA-Trans)

Prepared by Tami Griffin, WSDOT, (360) 596-8926, griffit@wsdot.wa.gov

Presenter
Tami Griffin, Department of Transportation

Purpose of Appearance
Provide the Committee:

- Accomplishments, milestones and status of the Washington Transportation Framework for GIS Project (WA-Trans);
- Information regarding Business Case, Partnerships and Funding so far; and
- Seek funding opportunities for future work.

Status
Since the last WA-Trans Project update two major pilots have been completed. Much of the infrastructure to support long-term maintenance of the data has been developed in prototypes or test versions and work has begun on a partial implementation of a statewide roads only network. Additionally a very favorable statewide business case was completed and the project was identified as a "best practice" project by the USGS for transportation framework type efforts. Work currently under way includes:

- The Washington Traffic Safety Commission and WSDOT Highways and Local Programs Office are funding a 7-County Implementation for the purposes of providing a street-centerline base map for use in Collision Reporting System. Future goals for this system include use in law enforcement vehicles statewide through the SECTOR application in partnership with Washington State Patrol.
- The USGS has funded a cooperative agreement to develop an Eastern Regional Dataset. This is a six-county dataset which includes an active partnership with Spokane County.
- Work on WA-Trans software and infrastructure in support of updates and maintenance of statewide data continues. Both a Data User Portal and a Data Provider Portal are being tested. Work to support easy development of data transformation has been successfully completed. Work on change detection and change management as well as automated QA/QC processes is also taking place. Much of the software and infrastructure has been funded by a Transportation Pooled Fund study and WSDOT.

In summary, when the above projects are completed we will have a functional portal for submitting data and one for requesting data, processing for adding and maintaining data, basic infrastructure and 16 counties implemented. The WA-Trans Project has a website which contains project documents, meeting notes, and status. Please go to http://www.wsdot.wa.gov/mapsdata/transframework/default.htm.

Issues/Actions
The WA-Trans Project has been funded through a variety of sources as we show feasibility. Those funding streams may not be available as we work towards statewide implementation and adding additional transportation modes.

- State agencies have been involved and some funding has been received from them and resources have been provided for the steering committee. Please

keep WA-Trans in mind when the need for transportation data arises and direct funding our way to continue implementation.
- Other federal funding opportunities could be leveraged if adequate notification is provided to the project.
- Other less conventional funding opportunities may exist that the project is not aware of. If anyone is aware of such opportunities and could notify Tami it would be very helpful.

Next Steps

The WA-Trans Project is focused on:
- Completing the implementations currently funded,
- Looking for more opportunities to demonstrate the value of WA-Trans by meeting specific business needs,
- Trying to find more partners in other states for the Transportation Pooled fund,
- Looking for additional funding sources and new opportunities among existing funding sources to continue implementation.

Previous Appearances Before the Committee
- December 6, 2005: Provided the Committee with the status report of WA-Trans Project, pilots to demonstrate feasibility, business case and funding situation. Infrastructure to maintain was also described.
- November 15, 2004: Provide the Committee with a high-level project vision overview, focused on common business needs and early pilot project descriptions.