



## **TransPort Technical Advisory Committee**

Wednesday, December 8, 2010

1:00 p.m. –2:30 p.m.

ODOT Region 1

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### **Meeting Notes**

#### **In Attendance**

Thomas Bauer (Mygistics), AJ O'Connor (TriMet), Kate Freitag (ODOT), Jim Gelhar (Gresham), Bob Hart (SW RTC), Glen McGill (ODOT), Dennis Mitchell (ODOT), Deena Platman (Metro), Nathaniel Price (FHWA), Shaun Quayle (Kittelson), Bikram Raghubansh (Clackamas Co), Willie Rotich (PBOT), Stacy Shetler (Washington Co), Kristin Tufte (PSU)

#### **TriMet's AVL/CAD Upgrade**

Trimet's AJ O'Connor gave an update on the project to upgrade their automated vehicle location/computer aided dispatch system. TriMet is replacing an outdated system in advance of a FCC mandate to upgrade radio system. Also, the CAD system vendor is no longer supported the equipment. IBI Group is the project consultant. TriMet selected INIT as the prime vendor for implementation. GE will provide the radios; TAIT provides the radio hardware; and Avtec, the radio console.

The goals of the project include bringing the fleet on the same radio system, improved data, more frequent vehicle reporting, and having a system that is completely supported by vendors.

The benefits of the project include new functionality in the system; better headway management to reducing gapping and bunching; in vehicle, mobile area router that transmits wireless data to support future changes to the fare collection system; incident management integration; improve dispatch rerouting due to event/incident; better integration with onboard systems; new passenger counters; and GPS enabled fleet. The project is expected to be completed and signed off on by fall 2013.

Q. How does the changes effect transit signal priority?

A. New system will integrated with existing TSP system.

Q. How these changes impact use of bus speed data for travel time?

A. Able to create geo-fencing around transit stops, pulling speed data every 30 seconds. TriMet has not published this service on the ITS network yet.

Q. Can the system take in traffic information?

A. there is an interface in the on-board system that allows this but was not included in the initial specifications. The capability can be added later. INIT is doing this in Europe now.

TransPort will invite Mr. O'Connor back in late summer/fall of 2011 for a demonstration of the system.

### **Recap of FHWA Adaptive Signal Control Technology Workshop**

Dennis Mitchell, ODOT, lead a recap of the workshop for those TransPort members not in attendance. The takeaways were that just retiming signals on a regular basis would be a benefit and that funding/staffing resources for keeping up are tight. Members discussed the challenges of maintaining signal timing for this region. There are limited resources for doing the work particularly for installing plans and doing the post evaluation.

### **TransPort 2011**

TransPort members discussed activities for 2011. Current activities for 2011 include:

- ODOT's update of the statewide ITS architecture to include tolling
- Implementation of TripCheck Local Entry Tool in region
- ODOT working on implementing a real-time travel data system in compliance with federal requirements
- Video-sharing
- Incident management committee

TransPort members suggested new areas that TransPort could weigh in on:

- Ramp meter strategy
- Event/evacuation planning with POEM

Bob Hart, SW RTC, suggested updating TransPort on the VAST TSMO Plan. They are advancing a pilot corridor on Mill Plain and 164<sup>th</sup>.

### **Project Updates**

- Washington Co started construction on phase 1 of the Tualatin-Sherwood Rd ATMS project. InSync is pulling wire for the Cornell adaptive signal system. They are gathering "before" evaluation data now.
- ODOT is conducting a miss travel sensor analysis on freeway system to support real-time travel data collection. Adding variable message signs on westbound US 26. Installing a parking management system at Multnomah Falls to provide information about parking availability and reduce impacts to I-84.

Meeting adjourned at 2:30 p.m.