



TransPort Technical Advisory Committee

Wednesday, May 11, 2011

1:00 p.m. –2:30 p.m.

ODOT Region 1

Meeting Notes

In Attendance

Amica Bose (Hillsboro), Ray Delahanty (DKS), Christine Fera-Thomas, Jim Gelhar (Gresham), Phil Healy (Port of Portland), Tu Ho (Beaverton), Peter Koonce (Portland), Joe Marek (Clackamas), Stan Markuson (WSDOT), Galen McGill (ODOT) Dennis Mitchell (ODOT), Jim Peters (DKS), Nathaniel Price (FHWA), Shaun Quayle (Kittelson), Matthew Rohrbach (Metro), Ted Trepanier (INRIX), Kristin Tufte (PSU),

Announcements

Dennis Mitchell (ODOT) announced that Cisco would be hosting an overview and technical look into IPv6, on Tuesday June 7 at Cisco's Lake Oswego office. The event is intended for public sector IT employees and will be more of an informational session rather than a sales pitch.

Public Sector Services

Ted Trepanier (INRIX) presented information on INRIX traffic data and how they are being applied by state DOT's and other public agencies. Using GPS probe data, INRIX provides real time traffic information for all interstates and major roads in the nation as well as for arterials in cities with populations over 1 million. INRIX data can be used for calculating interstate and arterial travel times and for archiving data to look back at historical traffic flows. Current public agency applications of INRIX data services include, traffic operations in the I-95 Corridor, regional congestion management processes, traveler information on VMS's, and performance measurement. INRIX traffic maps can currently be viewed on the web at <http://www.inrix.com/inrixtraffic.asp> or through their mobile application INRIX Traffic.

TransPort members had a variety of questions regarding the INRIX data including:

- How does INRIX insure data quality?
 - INRIX conducts perpetual ground truthing and rates data quality based on the reliability of the data provider.
- What is the price?
 - Data prices are negotiated between INRIX and the purchaser. Prices are based on the amount of data needed, how exposed it will be, and how much access is needed.

- Is freight data separated out?
 - It is not currently but it can be.
- What level of coverage is there on arterials?
 - Data are most reliable on arterials with ADT greater than 15,000.
- Is there a way to do O&D pairing?
 - There is but INRIX advises against it because the data are biased towards fleets and are thus not representative of a community's travel patterns.

Road User Charging ITS Architecture

Jim Peters (DKS) presented information on ODOT's current effort to incorporate road user charging into the Regional ITS Architecture. Currently there are various forms of road user charges being considered – VMT tax, congestion pricing, tolls, etc. ODOT's vision is to operate an open system for collecting road user charges. With an open system any collection device can be used and there will be a trusted 3rd party service provider for interfacing with travelers.

TransPort Annual Report

Matthew Rohrbach (Metro) briefly mentioned that Metro is beginning work on an annual report that will document regional TSMO investments since 2006. TransPort members were asked to submit feedback and provide information on TSMO projects in their respective jurisdictions.

Meeting adjourned at 2:45 p.m.