600 NE Grand Ave.
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TransPort Technical Advisory Committee

Wednesday, June 9, 2010

1:00 p.m. –2:30 p.m.

ODOT Region 1

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Meeting Notes

In Attendance
Amica Bose (Hillsboro), Kate Freitag (ODOT), Jim Gelhar (Gresham), Bob Hart (SW RTC), Eric
Hathaway (Kittelson), Jabra Khasho (Beaverton), Naveen Lamba (IBM), Jingtao Ma (PTV America),
Dennis Mitchell (ODOT), Pam O'Brien (DKS), Deena Platman (Metro), Shaun Quayle (Kittelson),
Stacy Shetler (Washington Co)

IBM Travel Information Initiatives
Naveen Lamba (IBM) gave a presentation on IBM's Smarter Transportation initiatives. IBM defines
smart transportation as using data to leverage efficiencies. Smart transportation is *instrumented*
(sensors)*, interconnected* (communication), *and intelligent* (analyses).

Naveen shared information about IBM projects including the multimodal maturity model, traffic
prediction tool, Cal-Trans Smarter Travel project.

TransPort members were particularly interested in the traffic prediction tool. Providing real-time
traffic information means always being behind. The IBM model predicts using real-time
information. The tool is accurate up to 60 minutes and is 95% reliable. It is being used for bus
arrival prediction.

TransPort questions included:
Q. Using sensor data (for traffic prediction), what is the algorithm? A. Queuing algorithms.

Q. Can Smart Travel data provide origin-destination patterns for modeling? A. Data is limited and
doesn't have O-D patterns but need those for decision models.

Q. What are the hurdles to Smartcard implementation? A. Perception of lack of privacy can limit
market penetration.

Q. Where has congestion pricing been implemented? A. Stockholm has full deployment. London is
deployed and is now linking systems for the Olympics smart card.

For more information about IBM initiatives go to www.IBM.com/travel.

Project Updates

- The meeting to complete the FHWA Traffic Incident Management (TIM) self assessment is scheduled for Friday, June 11. Representatives from agencies across the region are participating.
- The Regional Signal Directory is coming along. Need to completed worksheets.
- TSMO program is recommended to receive $3 in the 2014-15 MTIP. A program review needs to be prepared to describe program, explain why it should continue to be a program and show performance to date.

Meeting adjourned at 2:30 p.m.