

Portal Advisory Committee Meeting
Monday May 9, 2011
10:30-12:00 PM
ITS Lab, Portland State University
1930 SW 4th Ave, Room 315

Status Update

- Usability enhancements and code review
- Programming support (debugging, higher-level aggregation interface, start/end time)
- Database migration

Update on New Initiatives

- Data Capture Proposal Submitted to FHWA; funding to prepare data set for Connected Vehicle Initiative
- Funding proposal to Intel for new hardware (servers and desktops)
- OTREC Proposals (Transit)

Summary of VAST PORTAL User Needs Workshop

Workshop held March 3, 2011. Attendees from Vancouver-area agencies; discussion of data needs of users, current PORTAL functionality, ideas for PORTAL enhancement.

PORTAL Interface Needs:

- Higher level of aggregation
 - Display and download values by hour of day for month, year
- Ability to select specific time period
 - Select start and end time (in addition to start and end date)
- Support for corridors
 - Plots and download for sub-corridors (similar to current highways plots)

PORTAL value-ads:

- Analysis of data from multiple source systems
- Query flexibility – segments, time periods, resolution
- User notes (“wiki” comments, bad data, etc.)

Focus on:

- Display and download vehicle volumes by time of day for a month/year – i.e. vehicle volumes from 4-5 PM for the year 2010 for a selected segment
- Gathering of context information and making it available
- Documentation

Work Plan for Next Quarter

- TRB Papers
 - Arterial Data
 - Data Architecture
- Annual Report (static)
 - System-wide: delay, VMT, VHT
 - Throughput productivity at selected locations
 - Travel time Analysis of Commute Routes
- Interface
 - High-level aggregations
 - Start/end time
 - Support for Corridors
 - Highways plots should support sub-corridors
 - Sub-corridors will be statically defined (based on Metro's Mobility Corridors and RTC's CMP Corridors)
 - Existing plots only
- Data: Ingestion of Arterial Data (OR and WA)

Recent Uses of PORTAL

- "As gas prices head up, Portlanders driving more, not less" Joe Rose; Oregonian; 3-28-2011
http://blog.oregonlive.com/commuting/2011/03/as_gas_prices_head_up_portland.html

