

## **PORTAL-VAST Project Updates (2018-12-06)**

### ***User Engagement (Task 3)***

- *Progress:*
  - Data Source page in wiki.
  - PORTAL user survey results.
- *Reminders:*
  - User documentation available as static website and work in progress:  
<https://adus.github.io/portal-documentation/>
  - If there are any issues related to PORTAL please post an issue either through the public documentation page or on the issues page in the private repository (email us for access): <https://github.com/adus/portal-main/issues>
  - To track the progress of an issue please refer to the private repository issues page. If you will need a GitHub account and request access.
  - Access to PORTAL's GitHub page will also allow you to track all the data sources feeding into PORTAL.
- *Partner Needs:*
  - Feedback on updates to website and documentation
- *PSU Team Next Steps:*
  - Waiting for feedback from partners.
- *Goals:*
  - Continued updates at RTC meetings and periodic meetings with RTC, Clark County, WSDOT, C-TRAN and City of Vancouver staff.

### ***Highway Data / WSDOT (Task 2A)***

- *Progress:*
  - Station validation - Valid and unassigned stationids identified. List of detectors/stations with missing metadata sent to WSDOT.
  - Review and implement data qa/qc - Demo ongoing QA/QC work in Shiny:  
<https://trec-pdx.shinyapps.io/wdot-qa-qc-app/>
  - "Missing" data is an aggregation issue (receiving raw data), we are in process of re-running aggregations from 2016 through early 2018.
- *Partner Needs:*
  - Work with PSU Team on QA/QC and station validation.
- *PSU Team Next steps:*
  - QA/QC: Continue working on QA/QC feedback on UI and methods; repeat until satisfied with results.
  - UI: Modify dropdown menu
- *Goals:*
  - Automated import of station data.
  - WSDOT Freeway Travel Time Data

### ***Vehicle Length Data (Task 2E)***

- *Progress:*
  - Vehicle length data Enhancements to WSDOT vehicle length data in PORTAL UI

- *Partner Needs:*
  - Any additional feedback on vehicle length page
- *PSU Team Next Steps:*
  - Respond to RTC comments on vehicle length page
- *Goals:*
  - Enhancements to WSDOT vehicle length data in PORTAL UI

### ***Transit / C-TRAN (Task 2B)***

- *Progress:*
  - SFTP has been set up and is accessible to C-Tran.
- *PSU Team Next Steps:*
  - Waiting for sample data set and identify which data C-Tran will transfer and who will coordinate that effort on C-Tran's part.
- *Partner Needs:*
  - Identify C-Tran contact for data transfer, type of data being transferred, and waiting for a sample dataset.
- *Goals:*
  - Publish additional ridership and on-time performance data in the Portal UI and update and validate UI.
  - Investigate adding C-TRAN data to the contour plot and research archiving of the 6-second bus position data

### ***Arterial / Clark Cty (Task 2C)***

- *Progress:*
  - Working on stabilizing data feed
  - SPAT feed is not working (have contacted BlueMac again)
- *PSU Team Next Steps:*
  - Work with BlueMac and County to fix SPAT feed
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- *Partner Needs:*
  - Work with PSU team to fix SPAT feed.
  - Discuss if we need to archive all SPAT data? (Rob K has achieved his goal :))
- *Goals:*
  - Continue archiving SPAT and Wavetronix data and update UI as requested
  - Coordinate with VAST to determine how this data may be useful to Portal and to VAST.

### ***Travel Time (Task 2D)***

- *Progress:*
  - PSU now has API access and are receiving metadata and travel time data from API, and are in process of calculating distance (segment length) and estimated travel time for each segment.
  - PORTAL website now shows bluetooth station locations in Clark County.
- *PSU Team Next Steps:*

- Travel time study (STEVE): working on implementing scripts once segment length has been calculated.
- *Partner Needs:*
  - Need project or projects for Clark County bluemap data
  - Related (for STEVE): Raw data access stopped Oct 19, need Clark County/BlueMac to get the raw feed turned back on.
- *Goals:*
  - Evaluate work done on Travel Time page with VAST to understand its usefulness to VAST. Minor enhancements and fixes to UI as requested.
  - Travel time study (STEVE) updates: have scripts and some documentation, now working on implementation

#### ***WSDOT Incident data (Task 2F):***

- *Progress:* No work this time period
- *Goals:* Investigation

#### ***Maintenance (Task 1):***

- Info: Will need new storage in about a year.
- Info: Recent server outages; affected web sites and data feeds.

#### ***Project Management (Task 4):***

- Goals:
  - Research impacts of increased data volumes from data sets such as the Purdue data, Transit breadcrumb data, CV/AV etc.; consider tradeoffs of using cloud software and scalable no-sql data management systems.
  - Continue improvement of the software development process, ideally including regular feedback from Vancouver users on PORTAL UI developments.

#### **TREC Updates (2018-12-06)**

- Can sign-up for monthly email updates here:  
<https://trec.pdx.edu/news/newsletters/join-mailing-list>
- There will be an RFP announcement next month to partner with a researcher to work on a research project.
- BikePed Portal updates
- Professional development trainings, webinars, and workshops
- 2019 summer IBPI workshops:  
<https://trec.pdx.edu/events/bikeped-education-and-training>
- 2019 Data science courses:  
<https://trec.pdx.edu/events/professional-development/data-science-1-2019>
- 2019 Transportation and Communities Summit - ideas for sessions and workshops (2018 information here: <https://tca2018.sched.com/>)