

# *TransPort / Summary DRAFT*

TransPort, Subcommittee of Transportation Policy Alternatives Committee (TPAC)

Wednesday, February 9, 2022, 1:00 p.m. to 2:30 p.m. online

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**Attendees:**

AJ O'Connor	TriMet
Alison Tanaka	City of Portland
Basem Elazzabi	PSU
Bikram Raghubansh	PBOT
Cadell Chand	OSU
Caleb Winter	Metro
Carl Olson	Clackamas County
Chris Wright	ODOT
Dennis Mitchell	DKS
Don Crownover	ODOT
Galen McGill	ODOT
Grace Stainback	Metro
Hau Hagedorn	PSU
Jana LaFrenier	PBOT
Jason Anderson	PSU
Jason Spencer	Western Systems
Jessica Horning	ODOT
Jim Gelhar	City of Gresham
Jose Barba	C-Tran
Josh Roll	ODOT
Justin Guinan	ODOT
Kara Hall	Fehr & Peers
Katherine Bell	ODOT
Kate Freitag, Chair	ODOT
Miguel Figliozi	Professor, PSU
Maggie Lin	DKS
Mike Burkhart	ODOT
Nathan McNeil	NITC
Nick Fortey	FHWA
Pamela O'Brien	DKS
Patrick Marnell	Q-Free
Scott Langer	WSDOT
Scott Turnoy	ODOT
Shaun Quayle	Washington County
Sirisha Kothuri	PSU
Summer Blackhorse	Metro
Tammy Lee	PSU/PORTAL
Ted Leybold	Metro
Tina Nguyen	City of Beaverton

## **Introductions and Announcements**

Chair Freitag called the meeting to order at 1:01 p.m. She asked the committee for announcements and project updates.

### **'round the Table Updates**

- Caleb Winter with Metro provided safety updates.
- Bikram Raghubansh with City of Portland announced that they have permits for the NE Columbia project to add fiber and utilities, starting next week. Additionally they are working on the design plan for NE Airport Way and advertising for bids for the Barbour Blvd project.
- Alison Tanaka with City of Portland announced that the Central Signal System Users Group project is moving forward with ordering Kinetic Signal servers and start will installation in late spring.
- Caleb announced that the Intelligent Transportation Systems (ITS) Network Management team will meet on February 23.
- Caleb announced that the Traffic Incident Management (TIM) Coalition will transition to Justin Guinan with ODOT. Further, training is still available online for emergency responders.
- Chair Kate Freitag with the Oregon Department of Transportation (ODOT) announced that the Region 1 project for Highway 224 is moving forward for bids. The Cornelius Pass project is out for bid.
- AJ O'Connor with TriMet gave an update on Transit Service Providers (TSPs) and researching the Palo Alto firewall as a message filtering option between Maestro and the controllers. They will be using LYTE and Q-FREE to filter message sets.
- Caleb provided information on the Bipartisan Infrastructure Law opportunities (once titled the Infrastructure Investment and Jobs Act (IIJA)). He talked about eligibility and gave project examples, as well as examples for Strengthening Mobility and Revolutionizing Transportation (SMART) and the Highway Safety Improvement Program (HSIP) categories. Shaun Quayle and Nick Fortey suggested they brainstorm ideas for eligibility at the next Transport meeting.
- Carl Olson with Clackamas County updated the committee on the Freight ITS project that is out for bid. He also noted that Oregon Institute for Transportation Engineers (ITE) has a winter workshop tentatively planned February 24 and March 3.
- Shaun Quayle with Washington County noted he will present on FLIR, and also stated that the due date on the adaptive project has been pushed out. Additionally, he noted that the ITS overheight project will be going to bid soon.
- Scott Langer with the Washington State department of Transportation (WSDOT) announced that they are finishing up with road signage and are close to linking the shared signal system to Intelight.
- Chari Freitag noted that the NW transportation Conference will take place March 3 through 9. The March Transport meeting will be moved to accommodate the conference.

### **Annual Daily Non-Motorized Traffic**

Tammy Lee with Portal gave a presentation on the updated Bike Ped Portal led by TREC at PSU. Portal collects average annual daily non-motorized traffic (AADNT) data, which is estimated by using permanent agency bicycle and pedestrian count locations on regional trails, bridges and other key areas. The Bike Ped portal is a centralized and allows for coordination among state and regional agencies, and shares different types of data formats, including TrafX and EcoCounter.

Tammy walked the committee through the types of data available on the dashboard by state. She noted that data can be sorted as a year by year count, by an average daily motorized traffic count, and can be

broken out by detail and average. It can also be sorted daily by date and hour and is available publicly. Agencies and partner agencies can use new features to select methods, view restricted data by organization, and select specific areas and interface.

The committee discussed 24/7 traffic counts and asked if modelers were alongside bridges. Tammy confirmed that the platform covered most county bridges. However it was noted that there are no counters on the St. Johns Bridge or Ross Island. Chris Wright with ODOT asked how ODOT could leverage or supplement Portal and how they might help customers with requested bike/ped data. Josh Roll with ODOT noted that they could use probe data to estimate traffic volume and asked if anyone would be interested in using this more broadly. Hau Hagedorn asked about automated counts and noted that they had older data with manual counts that they could contribute to Portal.

## Research Discussion

Researchers from universities around the Northwest presented at the Transportation Research Board's (TRB) Annual Meeting in January. With the adoption of the Bipartisan Infrastructure Law, more resources will be available for research around safety, freight, data integration, technology, rail, rural transportation, and animal detection; as well as open the door for continued funding of University Transportation Centers (UTCs). Caleb Winter introduced several TRB speakers, including:

- Mike Coleman with the TRB Airport Terminals and Ground Access Committee. Mike called out similarities between air and ground transportation and noted that there were things airports could learn from transportation agencies, such as information from Transportation Network Companies (TNCs) in terms of large event management, as well as learning from cities about parking management and better customer service.
- Professor Miguel Figliozzi with Portland State University (PSU) gave a brief overview on his Evaluation of Posted Speed Limits Reductions on Urban Roads with a High Percentage of Cyclists. Miguel discussed Vision Zero and the safety of vulnerable road users, He covered the ODOT study on setting speed limits and the effectiveness of 5 mile per hour speed reduction on urban roads with high bike share in Portland. He discussed research approach and outcomes, and provided recommendations and ideas for future research
- Jason Anderson with PSU who gave a presentation on Systemic Opportunities to Improve Older Pedestrian Safety: Merging Crash Data Analysis and a Stakeholder Workshop. Jason provided a link <https://www.oregon.gov/odot/Programs/ResearchDocuments/SPR828Final.pdf> and gave a brief presentation. He presented objectives and findings from first half of a workshop in which participants ranked their own responses to activities. He noted that crossing between intersections and daylight crashes in urban areas were most important. The second half of workshop covered solutions such as access management, driveway and crosswalk spacing and lighting. Crosswalk visibility and turning restrictions were also proposed for older pedestrians. Participants ranked the highest systemic priorities as improving pedestrian visibility and illumination treatments for left turns and then shortening crossing distances.
- Sirisha Kothuri with PSU gave a presentation User Comprehension of Bicycle Signal Countdown Timers. Sirisha pointed out that a Survey on public comprehension on countdown timers was high. Using mail and social media surveys, respondents noted the counters were understood by up to 90% of bicyclists, which made them better about waiting at an intersection. She provided a link: [https://www.oregon.gov/odot/Programs/ResearchDocuments/SPR825\\_FinalReport.pdf](https://www.oregon.gov/odot/Programs/ResearchDocuments/SPR825_FinalReport.pdf) for more information.
- Nathan McNeil with NITC also gave a brief presentation on existing data sources on older adults. He discussed rising pedestrian injuries, which had increased by 30%, and called out injury

disparities by race. He noted that black, Indigenous, and people of color (BIPOC) within the region were impacted 3 times more than whites.

**Adjourn**

There being no further business, Chair Freitag adjourned the meeting at 2:32 p.m. The next meeting will be held in March, meeting date and time to be determined.