

TransPort / Agenda

Meeting: TransPort, Subcommittee of TPAC
Date/Time: Wednesday, June 14, 2023, 1:30 p.m. to 2:30 p.m.
Place: Online only

1:30 p.m.	Introductions and Announcements	Kate Freitag (ODOT)/All
1:35 p.m.	'Round the Table Updates <ul style="list-style-type: none">• Please provide project updates and discuss any issues.• We'll also include updates from:<ul style="list-style-type: none">• Safety (Caleb Winter)• Metro-region TIM Coalition (Dustin Ross)• PORTAL (Tammy Lee/Basem Elazzabi)• ITS Architecture (Bikram Raghubansh)• Central Signal System (Alison Tanaka)• CTIC (Mike Burkart)• ITS Network (Matthew Fouts / Caleb Winter)	Kate Freitag (ODOT)/All
2:00 p.m.	Skills Learned Building a Big Data Pipeline <p><i>The Data Engineering course at PSU (CS 410/510) provides hands-on experience with the practical challenges of gathering, transporting, validating, transforming, loading and maintaining data for use in analysis by data scientists. This past Spring, Computer Science seniors and graduate students used Google Cloud Platform, Python, Postgresql, Kafka, Pandas, Beautiful Soup, MapBox, JSON and related technologies to build data pipelines to handle ~15GB of TriMet bus data (GPS breadcrumb data and CAD/AVL stop data). We will describe the course and present a few results from the students' projects.</i></p>	Bruce Irvin (PSU) / Tammy Lee (PSU) / Mina Vu (PSU) / All
2:20 p.m.	Considerations for TSMO Key Corridors <p><i>As the region grows both in residents and employment, the Regional Mobility Policy update will keep pace to provide reliable transportation. TSMO plays a part as partners help build out a complete system. Metro is working with agency stakeholders to draft the attributes of Key Corridors that will inform local transportation system plan updates on when the system is complete. The system will allow operators to actively manage facilities and services while travelers will be able to utilize real-time data and tools.</i></p>	Caleb Winter (Metro) / All
2:45 p.m.	Adjourn	Kate Freitag (ODOT)

For more information about this meeting or TransPort, please contact:

Caleb Winter at 503-797-1758 or Caleb.Winter@oregonmetro.gov

Kate Freitag at 503-731-8220 or Kathleen.m.Freitag@odot.oregon.gov

A.J. O'Connor at 503-962-5615 or OConnorA@trimet.org

Next meeting will be on July 12, 2023, 1:00 p.m. to 2:30 p.m. online.

For more information about our region's TSMO program, please visit <https://www.oregonmetro.gov/public-projects/regional-tsmo-strategy>