TransPort / Agenda

Meeting: TransPort, Subcommittee of TPAC
Date/Time: Wednesday, April 13, 2022, 1:00 p.m. to 2:45 p.m.
Place: Online only

1:00 p.m.	**Introductions and Announcements**	Kate Freitag (ODOT)/All
1:05 p.m.	*'Round the Table Updates* *Please provide project updates and discuss any issues.* *We'll also include updates from:* • *Safety (Caleb Winter)* • *PORTAL (Tammy Lee/Basem Elazzabi)* • *ITS Architecture (Bikram Raghubansh)* • *Central Signal System (Alison Tanaka)* • *CTIC (Mike Burkart)* • *ITS Network (Matthew Fouts/Caleb Winter)* • *Metro-region TIM Coalition (Justin Guinan/Caleb Winter)*	Kate Freitag (ODOT)/All
1:25 p.m.	**TransPort Vice Chair Election (action item)** *TransPort Members will accept nominations and elect a Vice Chair for a one-year term. There are no term limits. Qualifications can be found in TransPort's Bylaws.*	Caleb Winter (Metro) / (TransPort Members)
1:30 p.m.	**Roadside-installed LiDAR Research and Uses** *When automated vehicle use of LiDAR (laser-light imaging, detection and ranging) captured attention, University of Reno researchers considered how the same technology benefit the public by installing it on the roadside. Since 2017, researchers explored uses for traffic engineering and safety. Areas include evaluating speeds, near misses, pedestrian safety, wildlife crossings and other new concepts for LiDAR applications. LiDAR can also share information with connected vehicles and travelers in real-time such as safety messages when pedestrians are present and congestion. Hear how this research has evolved into a start-up, led by a Graduate student.*	Hao Xu, Ph.D., P.E. (University of Reno) / Trevor Whitley (LiDAR Matrix) / (All)
2:00 p.m.	**Raise the bar with LiDAR: Sight Distance and More** *Geospatial information is a central component in planning, design, construction, and maintenance of infrastructure. Geospatial information integrates the many sources of data needed for a project, puts decisions in context, and connects people into a common framework. LiDAR provides many advantages as a data collection technique including cost, safety, efficiency, detail, accuracy, and its versatility. It also presents challenges with data volumes and the training needed to use the data. This presentation will discuss recent innovations in LiDAR to support transportation applications including sight distance analysis, efficient algorithms for extracting*	Michael J. Olsen Ph.D. (Oregon State University) / (All)

	assets, road marking extraction and evaluation, and rockfall hazard assessments for cut slopes.	
2:45 p.m.	**Adjourn**	Kate Freitag (ODOT)

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

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

Next meeting will be Wednesday, May 11, 2022, 1:00 p.m. – 2:30p.m., online.

For more information about our region's TSMO program, please visit http://www.oregonmetro.gov/regional-transportation-system-management-and-operations-plan