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TREC at Portland State University

April 2020



Study Finds Bike Lanes Can Provide Positive Economic Impact in U.S. Cities

Bicycle lanes and infrastructure can produce tangible economic benefits for cities. Lead by Jenny Liu of PSU, researchers from PSU, PeopleForBikes and Bennett Midland studied the economic effects of bicycle infrastructure on 14 corridors across six U.S. cities — Portland, Seattle, San Francisco, Memphis, Minneapolis and Indianapolis. They found that improvements on bicycle and pedestrian infrastructure had either positive or non-significant impacts on the local economy as measured through sales and employment. Funded by The Summit Foundation and the National Institute for Transportation and Communities (NITC), the team created summary reports for cities, a guide to replicating the study in your city, and a full research report.

[READ THE RESEARCH](#)

[REGISTER FOR WEBINAR](#)



Effects of COVID-19 on Bicycle and Motor Vehicle Traffic Volumes in the Portland Region

Authored by Tammy Lee, Transportation Data Program Manager at TREC

We've been using PORTAL and Bike-Ped Portal to examine traffic numbers before and after the Oregon governor's stay-at-home order to protect communities from COVID-19. Read two blog posts from Tammy Lee for some analysis and information regarding trends in transportation within the region. We know there will be a lot of new and interesting research looking at the effects of COVID-19 throughout the world, both short- and long-term. TREC intends to contribute to that body of knowledge as well as share and support those studies. Here are just a few observations to get the conversation started.

[READ ABOUT MOTOR VEHICLE VOLUMES](#)

[READ ABOUT BIKE VOLUMES](#)

[REGISTER FOR WEBINAR \(MAY 8\)](#)

The Hidden Costs of Removing the Option to Pay for Transit With Cash?



Authored by Aaron Golub, Urban Studies and Planning

With many transit agencies across the country eliminating cash handling for obvious health and virus transmission reasons, one may wonder: who will be negatively impacted by this? Some riders can still use cash at ticket vending machines or at certain retail outlets, but for many, depending on where they live and which parts of the transit system they ride, this will be inconvenient. National data show clear disparities in access to alternatives to cash, as well as the other tools needed to pay for things electronically. What these national data don't capture are the specific issues facing transit riders.

[READ THE FULL BLOG POST](#)

[REGISTER FOR WEBINAR \(MAY 22\)](#)



Friday Transportation Seminars, PBOT Editions: A Two-Part Series on Vision Zero

Vision Zero was adopted unanimously by Portland City Council in 2015 with the goal of eliminating traffic deaths and serious injuries on Portland streets. Tomorrow, Anamaria Perez of the Portland Bureau of Transportation (PBOT) will present "A No-Crash Course in Vision Zero Data." Perez, a Vision Zero Data Analyst, will focus on what it means to be data-driven in a long-term program setting. In a followup presentation on May 15, Vision Zero Specialist Matt Kelly will share information on how the City of Portland is supporting safe travel speeds through he left turn calming pilot project, speed safety cameras, speed limit reductions, and road reorganizations.

[REGISTER FOR PART ONE \(APR 24\)](#)

[REGISTER FOR PART TWO \(MAY 15\)](#)



PSU Student Spotlight Video: Kelly Rodgers on Vision Zero in the 2018 Portland Regional Transportation Plan

In 2018, Vision Zero was adopted as part of Portland's Regional Transportation Plan for the first time. This content analysis explored how concerns about safety were expressed in the planning process—did they adhere to a Vision Zero perspective or did they express a conventional mobility paradigm? What were the top concerns? Furthermore, did different stakeholder groups subscribe to Vision Zero more than others? Kelly Rodgers, a PhD student in the Toulan School of Urban Studies and Planning at Portland State University, explores paradigm conflicts around implementing vision zero in Portland.

[MEET KELLY RODGERS](#)

UPCOMING TREC EVENTS

Due to the need to keep our communities safe during the global pandemic, the following events are online-only:

Apr 24: [Friday Transportation Seminar \(PBOT Edition\): A No-Crash Course in Vision Zero Data](#)

May 8: [Friday Transportation Seminar: Creating And Using A Publicly Available Multimodal Transportation Data Archive](#)

May 12: [Webinar: Connected Vehicle System Design for Signalized Arterials](#)

May 15: [Friday Transportation Seminar \(PBOT Edition\): Safe Speeds Save Lives: How Portland is Managing Speeds for Safety](#)

May 19: [Webinar: Natural Pozzolans in the Pacific Northwest and their Beneficial Uses](#)

May 22: [Friday Transportation Seminar: Understanding Technology-Based Exclusion in Emerging Smart Mobility Systems](#)

June 2: [Webinar: Findings From 15 Years Of Travel Surveys At Portland Area Transit-oriented Developments \(TODs\)](#)

We are proceeding with the following in-person summer events as planned for the time being. We are actively monitoring the situation regarding COVID-19, and will provide an update if anything changes. Enrollment in all in-person events will be reduced significantly to allow for social distancing.

Jul 19–24: [Summer Transportation Camp at PSU \(All Genders\)](#)

Aug 16–21: [Summer Transportation Camp \(Girls\)](#)

Aug 24–28: [IBPI Workshop: Comprehensive Bikeway Design](#)

(to be rescheduled): [IBPI Faculty Workshop: Integrating Bike-Ped Topics into University Transportation Courses](#)

[Watch videos and see slides of past online events in our Education Library](#)

PARTNER UPDATES

[Sound Transit, Metro Facing Big Drops in Funding as Coronavirus Downturn Takes Hold:](#) Portland State University professor Aaron Golub was quoted in *Seattle Times* on COVID-19-related dips in transit revenue and its impact on riders.

[Oregon ITE Scholarship Applications Due May 31:](#) The Oregon Section of the Institute of Transportation Engineers is offering one graduate and one undergraduate scholarship to students pursuing degrees in transportation engineering.

[NITC Dissertation Fellowship Proposals Due May 29:](#) PSU doctoral students can apply for fellowships of up to \$15,000 through the National Institute for Transportation and Communities (NITC) to cover expenses while working on a dissertation.

[Oregon Bicycle and Pedestrian Advisory Committee Seeks New "Under 21" Member](#) - Applications due before May 1st.

[PSU Transportation Student Group STEP-ITE Seeks Nominations for 2020-21](#) - Meet the current officers in their video.

[April 24 Webinar: From Isolation to Inclusion: LGBTQ+ Communities in Planning & Equity Issues:](#) Transportation Planner Yes Segura will present in this YPT Portland webinar, hosted by the APA National Capital Area Chapter.

[April 29 Book Group Webinar: Zoned in the USA: The Origins and Implications of American Land-Use Regulation:](#) The Oregon Chapter of the American Planning Association will gather online to discuss this book by Sonia A. Hirt.

[Transportation Research and Education Center, Portland State University](#)

TREC at PSU is home to the National Institute for Transportation and Communities (NITC), the Initiative for Bicycle and Pedestrian Innovation (IBPI), and other transportation programs. TREC produces research and tools for transportation decision makers, develops K-12 curriculum to expand the diversity and capacity of the workforce, and engages students and professionals through education.



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