



METRANS on the Move: **our weekly newsletter written and produced by students**



In the News

The articles in this newsletter are prepared or accomplished by others in their personal capacity. The opinions expressed are the author's own and do not necessarily reflect the views of METRANS or its partners.



Tech Companies Vie to Monetize the Curb and Reinvent Street Parking

Over the last decade, the street ballet of cars, trucks and delivery vans has gained new players like ride-hailing vehicles and rented bikes and e-scooters. Add in a pandemic that turbocharged the instant-delivery ecosystem, turned parking spaces into dining rooms, and upended long-held commuting patterns, and the space beside the sidewalk has become increasingly coveted real estate.

Read the Bloomberg CityLab feature [here](#).



City Council Approves 19 Proposed Projects To Replace \$230.5 Million Gold Line Grade Separation Project at California Boulevard

The City Council Monday unanimously approved a wishlist of transportation projects to replace construction of an overpass to ease east-west traffic congestion caused by the trains crossing California Boulevard, after that project was deemed impractical and nixed.

Read the Pasadena now feature [here](#).



Paving the Road for Zero-Emission Bus Fleets

This summer, the U.S. Department of Transportation's Federal Transit Administration (FTA) awarded \$1.66 billion in grants, funded by the Infrastructure Investment and Jobs Act (IIJA), for the purchase more than 1,800 new buses, most of them zero emission. This investment in 150 bus fleets and facilities nationwide helps meet the U.S. government's goal of net-zero emissions by 2050.

Read the MASS TRANSIT feature [here](#).



To Break an Impasse in Connected Vehicle Tech, Transportation Leaders Call for a Federal Policy Framework

A federal court in August upheld the Federal Communication Commission's decision to reshuffle the spectrum available for connected vehicle technology. Now transportation professionals say a nationwide policy framework for connected vehicle technology could break an impasse between communities and carmakers and speed the deployment of tools with potentially life-saving benefits.

Read the SMARTCITIESDIVE feature [here](#).

Webinars & Online Events

Electric & Shared Mobility Panel

Thursday, September 29th at 12:00 pm PDT (online), hosted by Urban Movement Labs

We can't end car dependency without building multimodal systems. The re-revolution also includes alternatives such as e-bikes, e-transit, and e-scooters, which can help us build shared-electric cities.

[More Info](#)

Webinar: On The Right Track: Rail Transit Project Delivery Around the World

Thursday, September 29th at 11:00 am PDT/2:00 pm EDT, hosted by Eno Center for Transportation

Eno's newest study builds the ongoing initiative to improve transit rail project delivery in the United States. In On the Right Track, we selected 10 countries from all over the world to conduct detailed reviews. This analysis found there are clear lessons the United States can learn from its peer nations with respect to transit project delivery. More important than the precise governance structure, delivery method, or process employed is the shared commitment at all levels of government to delivering high-quality transit. Join us in a discussion of the papers findings, insights, and lessons for US policymakers and builders.

[More Info](#)

Webinar: Performance Measures for State Aviation Agencies

Thursday, September 29th at 4:00 pm PDT/1:00 pm EDT, hosted by Transportation Research Board

Across the country, state transportation agencies have been required to incorporate performance

measures into their core business functions. TRB's Airport Cooperative Research Program (ACRP) provides a summary of performance measures that can be tailored to address agency-related topics as well as topics related to the entire aviation system within a state. TRB will host a webinar on Thursday, September 29, 2022 from 1:00 PM to 2:30 PM Eastern that will take a look at how performance measures are defined, and review how they fit within the larger context of strategic planning. Presenters will also discuss the challenges to implementation and explore examples from Florida, Texas, and North Carolina state agencies.

[More Info](#)

WTS Ports of Long Beach and Los Angeles Boat Tour

Thursday, September 29th at 5:00 pm PDT (in-person), hosted by WTS

Join WTS-LA, Port of Los Angeles, and Port of Long Beach in networking with the WTS-LA Directors at Large and other prominent industry leaders during an evening boat cruise through the ports. Cash bar and complimentary hors d'oeuvres available. A cash-based raffle will be available for prizes!! Cash bar sponsorships are available for small businesses. Please contact Heather Anderson at vp_programs@wtsla.org for more information.

[More Info](#)

Webinar: The Role of Technology in Modernizing Supply Chains

Tuesday, October 4th at 11:00 am PDT/2:00 pm EDT, hosted by Eno Center for Transportation

The freight transportation sector has always been a leader in leveraging new technologies to improve operational speed, efficiency, and safety. With domestic and global supply chains upended due to COVID, issues attracting workers, and declining roadway safety, the role of technology to address these concerns is paramount. In this webinar, we will hear from representatives from the trucking, railroad, and port sectors about the new technologies and strategies they are using to address long term objectives related to safety, decarbonization, and efficiency.

[More Info](#)

Webinar: New Transit Fare Policy - Capping and "Cashless" Collection

Wednesday, October 26th at 2:30 pm PDT/11:30 pm EDT, hosted by Transportation Research Board

Transit agencies in the United States are looking to increase efficiencies and find innovative solutions to offer customers greater convenience and transit fairness. TRB will host a webinar on Wednesday, October 26, 2022 from 11:30 AM to 1:00 PM Eastern that will examine the benefits and challenges of both transit fare capping and cashless fare payment. Agencies can "cap" the maximum amount a rider can pay in a given time period or eliminate the collection of fares onboard vehicles. Presenters will share benefits against revenue costs and equity issues.

[More Info](#)

Rail~Volution 2022 Miami

Sunday, October 30th (in-person), hosted by Rail~Volution

The Rail~Volution conference looks at the whole community built around transit and connected mobility options. Find out how peers are getting projects done – from transit to housing – with an eye to the implications for health, safety, equity, sustainability, access to opportunity and overall quality of life.

[More Info](#)



Fast Facts

Created for Students, by Students

Estimating the impacts of Automatic Emergency Braking (AEB) Technology on Traffic Energy and Emissions

Author: Guoyuan Wu, Xishun Liao,
Lan Yang, Matthew Barth
University of California, Riverside

Year: 2021

Keywords: Automatic Emergency,
Energy, Emissions, Accident
Avoidance



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Newsletter Staff

Clark Hong-Sheng Hsu • *Newsletter Lead* • hsuh@usc.edu
Arnav Chatterjee • *Editor in Chief* • onnochat@gmail.com
Agil Wibowo • *Social Media Lead* • agilwibo@usc.edu
Emily Ng • *Opportunities Editor* • emng@usc.edu
Mayra Garcia • *Opportunities Editor* • mggarcia@usc.edu
Maddie Sellinger • *Fast Facts Editor* • mselling@usc.edu
Jacob Wong • *Staff Writer* • wongjaco@usc.edu

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