



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



In the News

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Rethinking Transit: Culver City's Challenge to LA's Norm

The city of Los Angeles, notorious for its gridlock and infatuation with vehicles, has stood on the sidelines as a small hamlet within its enormous expanse set out on a bold mission to revolutionize the city's transportation system. Move Culver City is an aggressive plan to improve urban transportation that goes beyond making minor adjustments to existing roadways.

Read more [here](#).



LA Metro Ridership Is On Route To Hit Pre-Pandemic Levels

LA Metro's ridership is making a comeback. Last month, more than 930,000 daily passengers boarded its buses and rail services everyday — an increase of 10% from the previous year and closing in on pre-pandemic levels. "We're right now at about 91% of the pre-pandemic average compared to September 2019.

Read the LAist feature [here](#).



Malibu residents take action to remind drivers to slow down on PCH following fatal collision

Three days after four Pepperdine University students were struck and killed by a speeding car, three community members gathered on Topanga Canyon and PCH to protest and demand of safety improvements along the Pacific Coast Highway. "I've had several times where I've almost been killed here, this is the last straw"

Read The Malibu Times feature [here](#).



High Hopes For US High-Speed Rail

Both California projects estimate that thousands of jobs have been or will be created. The California High-Speed Rail Authority says in its 2022 business plan that it has created 7,800 jobs building the line in the state's Central Valley, while Brightline West says it will create over 10,000 construction jobs and more than 1,000 permanent jobs in operations and maintenance.

Read the SMARTCITIESDIVES feature [here](#).

Webinars & Online Events

UCI Graduate Colloquium - Equity and the Future of Mobility

Thursday, October 26th at 12:00 pm PDT (in-person & online), hosted by Institution of Transportation Studies (ITE) - Irvine

Please join us for a panel discussion on equity and the future of mobility. This colloquium will bring together experts from a variety of fields to discuss the challenges and opportunities of creating a more equitable and sustainable transportation system. Panelists will discuss the impact of transportation disparities in communities across the United States as well as the role of policy and planning in creating a more equitable transportation system where everyone has access to the transportation they need to live a healthy and productive life, regardless of race, income or zip code.

[More Info](#)

Mission Zero - Decarbonising Transport across Ayrshire

Thursday, November 2nd at 3:00 am PDT(online), hosted by ETP

Join stakeholders from across Ayrshire and beyond and share your experiences, frustrations (yes it's okay to grumble a little), and, most importantly ideas (no matter how wacky) on how Ayrshire can lead Scotland towards net zero-emission mobility (aka, decarbonised transport network). Do you have a responsibility for or a stake in helping to decarbonise transport across Ayrshire? Maybe you're responsible for shaping transport policy, setting budgets or awarding funding. Perhaps you're managing the electrification of a fleet of vehicles or developing an innovative product or service that improves their performance. Whatever your involvement, you know the race is on to electrify vehicles of all shapes and sizes from cars to bin lorries and roll out the supporting charging and fuelling infrastructure. if you're participating in the race, you'll also appreciate the strong headwinds that the industry is facing.

[More Info](#)

Webinar: What a Traffic Engineer Needs to Know about Cyber Security

Thursday, November 2nd at 11:00 am PDT, hosted by ITE Traffic Engineering Council

Traffic Engineers may not have the full technical knowledge for the traffic signal systems of today and tomorrow. Where in the past, they may have been standalone appliances, today, the traffic signals and intelligent transportation systems are more connected than ever. These connections are reaching back to traffic operations centers and central signal software allowing for benefits like remote monitoring, diagnostics, and real-time timing changes. The increase in communications also exposes the system to digital and physical attacks that can disrupt the transportation network for citizens. This can result in increased delay or even reduce safety. A single successful attack on a traffic asset can cost local and state transportation departments significant resources and invaluable credibility as they recover. Traffic engineers must expand their knowledge and skills beyond routine civil engineering work to consider physical and digital cyber security measures when maintaining or upgrading their transportation systems and the public is depending on that.

[More Info](#)

Transport 2030 Webinar Series

Tuesday, November 7th at 2:00 am PDT (online), hosted by Intelligent Transport Systems UK

This series of four webinars will look at the upcoming trends facing the intelligent transport sector, focusing on how the industry could look in the next decade or so. The aim of the events will be to explore how the sector will adapt to changing travel patterns, the legal target of reaching Net Zero, the aim for Zero Harm on our road network and increasingly integrated travel.

[More Info](#)

2050 Long Range Transportation Plan Virtual Workshop

Tuesday, November 14th at 12:30 am PDT, hosted by Palm Beach Transportation Planning Agency

Join the Palm Beach TPA's Vision 2050 Long Range Transportation Plan (LRTP) public workshop to share input on the transportation needs and desires you would like to see implemented in Palm Beach County.

[More Info](#)

Webinar: Alternative Services for ADA Paratransit Riders

Wednesday, November 15th at 10:00 am PST, hosted by TRB

Transit agencies are looking for ways to provide expanded mobility options to their ADA paratransit customers while reducing the overall cost. Alternative services accomplish both objectives. Alternative services are on-demand services provided by transit agencies as an alternative option. TRB will host a webina that will include successful examples of alternative services. Presenters will share the highlights of and updates to their respective services. Presenters will also explain how to use the accompanying tool to plan and evaluate an alternative service.

[More Info](#)

Webinar: Careers in Transportation: A New Course to Inspire and Engage the Next Generation of Transportation Professionals

Thursday, November 30th at 11:00 am PST, hosted by Business West LSIP

It is known that the transportation industry faces impending workforce shortages. In response, the University of Florida Transportation Institute (UFTI) created the Careers in Transportation course. This semester-long program, initially piloted at the University of Florida, offers academic credit and online access for a Certificate of Completion to students across the nation, with a focus on those affiliated with the Council of University Transportation Centers (CUTC) network.

[More Info](#)

Submit a proposal for a presentation at the 65th annual Transportation Research Forum

Deadline: Saturday December 2nd, hosted by George Mason University

Join transportation practitioners, researchers, academics, and students for the 65th International Meeting of the Transportation Research Forum in Arlington, Virginia, on April 4 & 5, 2024! Our compact day-and-a-half format gives attendees an efficient way to gain insights into best practices in transportation research, applied practices, and innovation while also exploring the city's magnificent transportation history. Optional tours will also be available on Thursday and Saturday mornings.

[More Info](#)

Webinar: Greener, More Efficient Supply Chains

Tuesday, December 5th at 11:00 am PST, hosted by Executive Leaders Network - Procurement

Sustainable Sourcing and Procurement: Learn how to make ethical and eco-friendly choices in sourcing from the experts in sustainability software and consulting. Eco-Friendly Logistics and Efficient Operations: Master the art of efficient, green logistics with leading firms in eco-friendly transportation and operational solutions. Waste Management, Circular Economy, and Compliance: Dive into the future of the supply chain—the circular economy—with guidance on waste management and compliance from industry pioneers.

[More Info](#)

Fast Facts

Created for Students, by Students

Get More Out of Variable Speed Limit Control: An Integrated Approach to Manage Traffic Corridors with Multiple Bottlenecks

Author: Michael Zhang, Shenyang Cheng, Hang Gao
University of California

Year: 2020

Keywords: Integrating Freight and Passenger Systems, Vehicles, Infrastructure



Check this week's featured Fast Facts [here](#).

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