



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.



Tracking the New York City Police Who Park on the Sidewalk

New York City residents have long complained about police officers who park their vehicles on the sidewalks around police stations, blocking pedestrian access, obstructing bike lanes and clogging up crosswalks. Now a new study has put hard numbers around the irksome urban issue.

Read the Bloomberg feature [here](#).



CA: Can BART Slash Fare Evasion with New, Hardened Gates? Here's What We Know

Many riders have called for this moment, while others remain skeptical, but almost everyone hopes it leads to a better riding experience: BART is finally replacing its fare gates. The Bay Area's regional rail system for years has grappled with endemic fare evasion that riders and some officials say has exacerbated quality-of-life issues such as crime and homelessness on BART.

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



Trucking's Electric Vs. Hydrogen Battle Starts to Percolate

Purely battery-powered trucks have a head start on hydrogen fuel cells in the race to decarbonize trucks, but because of major drawbacks for both technologies, the competition is far from settled. While hydrogen trucks offer long driving range and quick refueling, only a few very expensive models are on the market.

Read the Transport Topic feature [here](#).



Not a Surprise: 101 Freeway Widening Shows Negative Results

Traffic congestion on 101 remains essentially unchanged in San Mateo County, despite the recent completion of an almost \$600 million express lane project that included fifteen miles of widening. Moreover, "even though 101 congestion is now bad, it is still getting worse," despite the additional lane-miles, explained Mike Swire, a Peninsula advocate and member of the Citizen's Advisory Committee of the San Mateo County Transit Authority.

Read the STREETS BLOG LA feature [here](#).

Webinars & Online Events

How the Next Generation of the Transportation Workforce Can Utilize Emerging Technology

Thursday, April 20th at 10:30 am PDT (online), hosted by UTC & U.S. DOT

Just as technology has shaped our daily lives, emerging technologies present new and varied opportunities to improve mobility and transform the future of transportation. In this session, you will hear from industry professionals about how to prepare for entering the transportation workforce, and the cutting-edge technologies that are being developed and deployed to improve the safety and efficiency of the transportation system, making new options available, and helping to create a more equitable system for all users. Join our expert panel and find out how you can be a part of the next generation of high-tech solutions.

[More Info](#)

Webinar: Equity and Engagement: Conversations in Transportation Education

Thursday, April 20th at 11:00 am PDT, hosted by the ITE Education Council and ITE Equity Committee

Discussing transportation equity in the classroom, and beyond in educational settings, is critical to create an equitable transportation system. In this webinar, we will hear two from two speakers on their experiences with bringing equity into the classroom. The first speaker, William Andrews, will discuss what the ITE Equity Committee is currently working on that will be useful for all transportation professional, including educators. He will then discuss his experience with bringing equity into the class and discuss various ways in which it can be discussed.

[More Info](#)

Advancing a Seamless Transit System in the Bay Area and California

Friday, April 28th at 1:40 am PDT (in-person), hosted by ITS-Davis

The mission of Seamless Bay Area, a non-profit advocacy group founded in 2018 by transit riders and professionals, is to establish a world-class, integrated, equitable, and high-ridership transit system that improves the quality of life for all in the San Francisco Bay Area. The Bay Area has 27 transit agencies, each with uncoordinated service, fare policies, identities, and long-term planning – this creates major barriers to access and contributes to service that is not competitive to driving for many types of trips. While transit ridership was stagnant prior the pandemic, making in up just 5% of all trips in the region, compared to over 70% in cars, the pandemic has thrust Bay Area transit into an urgent financial crisis – loss of ridership and fare revenue now threatens the future of public transit in the region. The key to transit's survival – and ability to become a world-class system with much higher levels of ridership than before the pandemic – relies on advancing governance and funding reforms together, that can deliver a more connected, reliable system.

[More Info](#)

2023 NH Energy Week: Investing in Resiliency

Tuesday, May 2nd at 8:00 am PDT, hosted by Clean Energy NH

Together, the Bipartisan Infrastructure Law (BIL) and the Inflation Reduction Act (IRA) are an estimated \$984 billion package in federal funding. Funding from the BIL will be used for water, resilience, the energy grid, climate and clean energy investments, and transmission and grid updates. With an additional \$369 billion from the IRA to invest in clean energy and climate that will be delivered to the states in the next five to ten years to facilitate the energy transition. The IRA, in particular, provides a historic investment in clean energy, containing various tax incentives and rebates, and loans and grants to improve energy efficiency and climate resiliency. How will this funding impact consumers, businesses, and municipalities? What considerations have been made for our most vulnerable people and communities? How will the transportation sector be impacted as it continues to build the infrastructure for electric and alternative fuel vehicles? With the overwhelming amount of information from both pieces of legislation, we're bringing together individuals that are working in New Hampshire to provide you with a better understanding of which programs and opportunities are available to you as we work to build a more resilient energy future.

[More Info](#)

Webinar: Speed Studies for Local Rural and Gravel Roads

Thursday, May 4th at 11:00 am PDT, hosted by ITE Traffic Engineering Council

This webinar will present two perspectives on establishing speed limits for local rural and gravel roads. The first case is from local roads in Pennsylvania, and the experience of the PennDOT Local Technical Assistance Program (LTAP) in assisting municipalities with these studies. Pennsylvania state regulations prescribe the types of studies that can be performed on local roads, including using the 85th percentile speed or using a safe running speed. The focus of the discussion will center on the safe running speed, the techniques to apply it to local rural roads, and how does it compare to the use of the 85th percentile speed approach. The safe running speed is a unique approach to establish speed limits, and can vary significantly from the 85th percentile speed data.

[More Info](#)

Webinar: Intersection Screening for Roundabouts and Roundabout Approach Yielding to Pedestrians

Tuesday, May 9th at 11:00 am PDT, hosted by ITE Roundabout Committee

This webinar includes a presentation on a novel approach to screening intersections for single lane roundabouts for a region wide study. The study included over 8,000 intersections reviewed using a data driven process and applied technologies using GIS. The study reviewed crash data, volume data and potential ROW impacts to develop a ranking system for potential conversion of existing intersections to single lane roundabouts. Screened locations were reviewed from a desktop review as well to develop a

final recommended list of locations. Crash prediction was also part of the benefits for the recommended locations.

[More Info](#)

Webinar: Toward a Touchless Airport Journey

Wednesday, May 10th at 11:00 am PDT, hosted by TRB's Airport Cooperative Research Program

Airports are seeking opportunities to create touchless experiences for passengers, which will reduce common touchpoints and their potential for disease transmission. TRB will host a webinar that will explore the industry landscape of emerging and existing technologies and nontechnological solutions to eliminate common airport touchpoints, improving both efficiency and public health. Presenters will review current best practices and readiness levels, share expected barriers to implement touchless solutions, and provide specific tips to get started. Presenters will also address the facilitation of touchless technology, accessibility, and the customer experience.

[More Info](#)

Webinar: Electrification and Hydrogen Technologies in Airports

Thursday, May 25th at 11:00 am PDT, hosted by TRB's Airport Cooperative Research Program

Airports of all sizes want to understand the broader industry shift towards alternative power solutions and how to prepare. TRB will host a webinar that will introduce the emerging electric and hybrid electric aircraft industry. Presenters will estimate potential market growth, provide guidance to help airports estimate the potential impact on their facilities, and suggest ways to prepare for this industry shift. Attendees will see a toolkit, which includes a database of electric aircraft and estimations of electric power requirements. Presenters will also discuss the broader industry landscape of alternative power in aviation.

[More Info](#)

IAME Conference 2023

Tuesday, September 5th - 8th (in-person), hosted by METRANS

The METRANS Transportation Consortium at the University of Southern California (USC) and California State University Long Beach (CSULB) is honored to be able to host the International Association of Maritime Economists Conference 2023 (IAME Conference 2023) to be held in Long Beach, California, September 5-8, 2023. Since its foundation in 1992, IAME has developed into an international association with over 300 individual members from every continent and more than 10 corporate members. The Association is officially linked to two leading academic journals within the field: Maritime Policy & Management and Maritime Economics & Logistics.

[More Info](#)

Fast Facts

Created for Students, by Students

Charging Forward: Deploying Electric Vehicle Infrastructure for Uber and Lyft in California

Author: Alan Jenn

Year: 2021

Keywords: Electric Vehicles, Charging Infrastructure, Transportation Network Companies, Clean Miles Standard



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

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Apply by 05/26/23
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Administrative Intern (Transit)
City of Culver City
Apply ASAP
[see more info](#)

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Community Development Director
City of Saratoga
Apply by 05/12/23
[see more info](#)

**Senior Intelligent Transportation
Planner**
SANDAG
Apply ASAP
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