



## *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.



#### **The Interstate Highway System: The Engine That Drives the Economic Engine of the United States**

The construction of the Interstate Highway System (IHS) has contributed significantly to the formation of the United States' economic landscape. From the initial proposal that was presented at the New York World's Fair in 1939 to the momentous Federal Aid-Highway Act of 1956 that was signed into law by President Dwight D. Eisenhower.

Read more [here](#).



#### **Instead of Reopening the I-10 Freeway, LA Should Have Reimagined It**

Maybe, we thought, LA would finally be forced to embrace public transportation and people-first mobility. Instead, what we got was largely confirmation of the status quo. After days of round-the-clock repair work, the I-10 freeway was fully reopened to drivers on Monday morning, beating initial expectations by a long shot.

Read the Bloomberg feature [here](#).



## The 10 Freeway, Explained: The Early 'Flying Route' That Changed LA Driving

In the early 20th century, Los Angeles was experiencing rapid growth. More and more people were buying cars, and there was a hodgepodge of different types of roads, ranging from dirt roads to flashier paved routes where you could drive faster than on other streets.

Read the LAist feature [here](#).



## Long Beach is Getting Speed Cameras. Here's Where They Might Go And How Much a Ticket Will Cost

Sometime in 2024, speed camera systems will be placed in 18 locations around the city – and residents will be able to weigh in on where they'll go. A state bill that was signed into law last month allows Long Beach and five other cities to install speed cameras on a pilot basis; the goal is to make streets safer by getting drivers to slow down.

Read the LONG BEACH POST News feature [here](#).

## Webinars & Online Events

### 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 ITE Education Council**

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. This online course familiarized students with the transportation industry through 14 classes, comprising three key components: 1) insights from transportation experts, 2) assignments addressing significant transportation issues, and 3) exercises to enhance career skills. In this webinar, the speaker will share the story of how they went about creating a course on "Careers in Transportation" and the primary points of what the students of this course took away from it.

[More Info](#)

### Webinar: Technology Solutions in Transportation

**Wednesday, December 6th at 1:00 am PST (online), hosted by WTS**

Registration for Technology Solutions in Transportation. Over the last decade, technology has transformed many aspects of transportation. From transit fare collection to traffic counts, technology provides solutions to problems that seemed insurmountable in previous years. Our panelists, Dorothy Heatwole (Safety Transportation Manager, Oklahoma Department of Transportation), Sam Kaur (Manager of Revenue and Grants Administration, Orange County Transportation Authority), and Laura Schewel (CEO, StreetLight and VP Transportation Software, Jacobs) for a panel discussion about the impact of technology in transportation and what we can expect in the future.

[More Info](#)

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### **Webinar: Best Practices for Presenting to a Technical and Non-Technical Audience**

**Thursday, December 7th at 11:00 am PST, hosted by ITE Development Committee**

Presentations are an important part of our day-to-day work, hence delivering effective presentation is a valuable skill for all professionals. Transportation professionals deliver different presentations for very different audiences, for example: Clients (local and state agencies)/ Public (community, elected officials, stakeholders potentially affected by a project)/ Internal audience (team, manager, executive leadership)/ Other (professional organizations such as ITE) Although presenting is a common part of most professional lives, poor presentations are a common reality. Common issues observed in presentations can include: / Poor language/design. / Inadequate language: too technical or not technical enough. / Reading from slides. / Excessive amount of content. / Lack of professional experience (e.g. recent graduates). In this webinar, a diverse group of transportation professionals from private and public sectors will share their experiences and best practices on effective presentations, both visually and verbally.

[More Info](#)

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### **ITE Washington Transportation Career Fair**

**Thursday, December 7th at 5:00 pm PST (online), hosted by ITE Washington**

ITE Washington is bringing together students and transportation professionals from across the state for a virtual career fair and networking event. The ITE Washington Transportation Career Fair provides a great opportunity for students to learn about potential careers in the transportation field – from planning to engineering - and network with different companies in both eastern and western Washington who will share information about what they do and potential job and internship offerings.

[More Info](#)

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### **Cascading Climate Action in Supply Chains with the SME Climate Hub**

**Friday, December 8th at 12:00 pm PST (online), hosted by SME Climate Hub**

When large corporations offer climate mentorship and incentives to SMEs, it can benefit the overall economy and drive sustainable innovation at scale. Corporate support gives small businesses more opportunity to innovate, and in turn provides their large corporate customers access to suppliers with low carbon products, which builds a more resilient supply chain. The SME Climate Hub and We Mean Business Coalition invite you to our flagship event at COP28, focused on the decarbonization of supply chains. During the session, Cascading Climate Action in Supply Chains with Innovative Practices to Empower SMEs to Decarbonize, large corporations and leading climate organizations will delve into their tactics for assisting small business suppliers in achieving their net zero goals. Listen to representatives from Netflix, Amazon, Mars Incorporated, and the Environmental Defense Fund amongst others as they discuss how they're driving supply chain decarbonization.

[More Info](#)

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### **Webinar: Next Stop—Inclusive Virtual Public Involvement**

**Tuesday, December 12th at 9:00 am PST, hosted by TRB's Transit Cooperative Research Program**

Virtual public involvement creates new possibilities for two-way communication, in real time, with fewer barriers, and offers innovative ways to reach riders, engage advocates, and shape policy. TRB will host a webinar that will share highlights and key findings from TCRP Research Report 241: Inclusive Virtual Public Involvement for Public Transit. Presenters will dive into effective virtual public engagement strategies tested by both transit agencies and community organizations. Presenters will also share innovative practices that worked during the pandemic and possible ways to apply or adapt techniques to make public-involvement efforts more inclusive and effective.

[More Info](#)

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## EV 101: Electrify Your Ride

**Tuesday, December 12th at 12:00 pm PST (online), hosted by Ride and Drive Clean**

Join us to learn EV and Ebike basics. We'll review available electric vehicles and Ebikes as well as charging at home and on the road, incentives, and total cost of ownership. You'll have the chance to ask the questions you've always wondered about EVs and Ebikes. Sponsored by Transportation Authority of Marin.

[More Info](#)

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## Webinar: A Safe Systems Approach: Working Across Disciplines to Improve Safety and Health Equity Outcomes

**Thursday, December 14th at 11:00 am PST, hosted by ITE and Vision Zero Network**

Thousands of people die on our roadways every year. The substantial and continued loss of life from transportation requires new approaches to traffic safety. Watch this ITE-hosted webinar exploring important new research that highlights how transportation professionals can shift their approach to roadway safety work by incorporating public health principles into transportation planning and engineering. Join panelists - including Tiffany Smith from the Vision Zero Network, David Ederer from the CDC & Meghan Mitman of Fehr & Peers - as we discuss what this means in roadway safety work, including the need for cross-disciplinary efforts aligned with transportation decarbonization, equity goals & more.

[More Info](#)

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## Webinar: An Update on Traffic Signal Change and Clearance Intervals

**Friday, December 15th at 8:00 am PST, hosted by ITE Traffic Engineering Council**

Divergent and strongly held positions characterize any discussion of the procedures for calculating traffic signal change and clearance intervals. Although the extended kinematic equation was recommended by ITE in Guidelines for Determining Traffic Signal Change and Clearance Intervals (2020), there remains a strong need to collect primary data to further test this approach and the other research needs identified in the recommended practice. This webinar provides a review of the recommended practice and an update on the current research that is underway along with some observations from agencies' current practice.

[More Info](#)

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## *Fast Facts*

*Created for Students, by Students*

## Long Beach Transit Strategic Sustainability Plan

**Author:** Hilda Blanco  
University of Southern California

**Year:** 2019

**Keywords:** Transit, Sustainability,  
Public Transportation, Environment



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

### **Transportation and Infrastructure Intern STV**

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[see more info](#)

### **Field/Office Engineer Intern - MEC Transportation Summer**

Mass. Electric Construction Co.  
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[see more info](#)

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### **Planning and Building Director City of Calistoga**

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### **Active Transportation Coordinator City of Davis**

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