

April Newsletter



**Institute of
Transportation Engineers**



Members of the ITE CO/WY Section:

With access to the COVID-19 vaccine growing every day, we're all seeing a light at the end of the social distancing tunnel this year. I know I am very much looking forward to the opportunity to see you all in person at our section events again. We will proceed cautiously in the coming months and make sure that we are following state and local guidelines to ensure that our events will be as safe as possible for the attendees. As you know, the **Joint Mountain, Western, and International ITE meeting is just around the corner coming up July 18-21**. The organizers have decided to make this year's conference fully remote but is still going to be offering great technical content and a chance to interact with transportation professionals from across the ITE network!

Here in the Colorado/Wyoming ITE Section we're looking forward to the return of our **annual golf tournament on June 4th**. Registration is now open, and we are looking forward to seeing everyone for a fun day at the Arrowhead Golf Club in Littleton, CO. Before that, our activities committee has put together an exciting opportunity to gather online for a **virtual yoga session on April 29th** at 6:00 PM! This class will be led by Sarah Beecher Yoga and is a chance to get together safely to do something fun and active. Our Continuing Education Committee is offering a class on **Traffic Signal Control in Vissim on April 30th** 1:00-2:30 PM. This virtual event will cover some basic, and not so basic, tools for using Vissim to help all of us brush up on our software skills! And don't forget to mark your calendars for the **Colorado Transportation Symposium on October 11**. You can learn more about this event and register at [the Symposium website](#). Hurry, the early bird registration rate end on July 31.

You can keep up with all of our upcoming events online at [our Events Page](#). As always, if you are interested in joining any of our ITE CO/WY Section committees please visit [our website](#) to learn more and get involved. Thank you all for your membership, and I look forward to seeing you at our next virtual meeting.

Sincerely,
Brian Staley, PE, PTOE, RSP₁
President
ITE CO/WY Section

In This Newsletter:

- April 29 - Virtual Yoga
 - April 30 - Traffic Signal Control in Vissim training
 - June 4 - Golf Tournament
 - Sept 21 - Joint ITE/ITS Meeting
 - Legislative Update
-

Virtual Yoga:



SARAH BEECHLER YOGA

- Denver based yoga teacher, nature enthusiast, travel and adventure addict -

CO WY ITE is hosting a **Virtual Yoga Session**

Thursday April 29th at 6pm.

Sarah began her yoga practice in 2005. She is a 200 hour certified yoga teacher and is currently enrolled in the 500 Advanced Teacher Training Program with Amy Ippoliti and the 90 Monkeys School of Yoga in Boulder, CO.

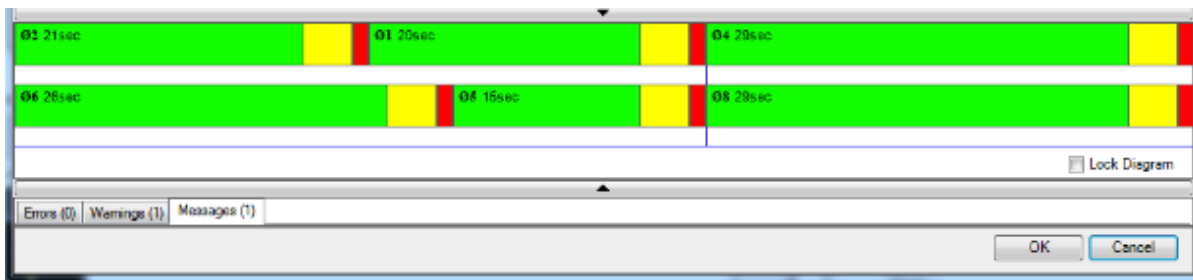
[Sign up on the CO WY ITE Events page.](#)

You will be sent a link to the Zoom Yoga Session.

Any Questions? Reach out to Negar or Ben!

https://mountainite.org/Colorado_Wyoming_Section_Events

VISSIM Traffic Signal Control:



Join us for our second web meeting in our Simulation Web Series, which will be on the topic of simulating traffic signal control in VISSIM.

- **Date:** April 30th at 1:00 pm – 2:30 pm
- **Speaker:** Qichao Wang, Postdoctoral Researcher in Computational Sciences, National Renewable Energy Laboratory
- **Moderator:** Chris Sobie, Traffic Operations Engineer, Town of Castle Rock Public Works Department
- **Location:** Virtual, Link will be emailed to all participants
- **Cost:** \$5 for all

In this meeting of the simulation web series, we will be looking at the traffic signal control capabilities in VISSIM. We will talk about the NEMA diagram and the representation of an RBC in VISSIM. We will have a hands-on exercise of creating a fixed time controller and changing it to an actuated controller. We will briefly introduce the modeling of special cases in VISSIM such as the transit signal priority, DDI, and customized controllers.

[To register for this exciting event, please click here](#)

Golf Tournament

This year the 2021 CO/WY ITE Golf Tournament heads south for the first time to the beautiful Arrowhead Golf Course. See the [tournament website](#) for additional details on the tournament, registration, and sponsorship opportunities.

REGISTER NOW!

2021 Colorado/Wyoming Section Golf Tournament

Arrowhead Golf Course

June 4th, 2021

7:30 AM Shotgun Start



Joint ITE/ITS Meeting

NOW

2021 Joint Meeting CO/WY ITE & ITS Rocky Mountain

**NEW DATE: TUES., SEPT. 21, 2021
LAMAR STREET CENTER [ARVADA, CO]**



We are excited to be meeting in person again, as long as it is safe (of course). Join colleagues from CO/WY ITE and [Rocky Mountain ITS](#)! We will be back at the Lamar Street Center. Enjoy presentations, conversations and networking while learning about several current transportation topics and about new products from our sponsors and vendors.

Would you like to be a part of the conference? **We are still accepting abstracts until Wednesday, May 12, 5PM.** Covering topics from Variable Speed Limits, Smart Work Zones, and Rural Conflict Warning Systems to TSMO and ATMS. Interested in speaking? [Click here to submit an abstract.](#)

Legislative Update

There are two key pieces of infrastructure legislation happening currently.

At the state level:

Summary of Revenue from New Fees

	10 Yr Total Revenue	Fee Amount
Road Usage Fee: New fee on fuel applied to the sale of fuel to offset consumer impact on roadway and transportation system.	\$1.471 billion	\$.02 cent/gallon increase , and increases \$.02 every two years to \$.08
Truck Fee: Additional diesel fee applied to the sale of fuel to offset additional impact of trucks on the roadway.	\$499 million	\$.06 cent/gallon increase , and increases \$.01 every two years to \$.08
Electric Vehicle Fee: Index existing \$50/year EV registration fee and assess additional fee to establish parity with the amount of gas tax paid by a driver.	\$ 367 million	\$9 annual BEV fee , and increases to \$90 by year 10; \$3.00 annual PHEV fee , increases to \$27 by year 10
TNC Fee: Fee on business to offset congestion and emission impacts on the transportation system for new transportation services and increased trips.	\$203 million	\$0.30 per trip; \$0.15 for carpool or ZEV
Online Retail Order Fee: Fee on online deliveries to offset impact on transportation system, air quality, and congestion.	\$1.122 billion	\$.25 per delivery
Personal Car Share Fee: Lift exemption on \$2/day rental fee (index to CPI).	\$17 million	Lift \$2/day exemption
Rental Fee: Index existing fee to ensure users of the road pay their share.	\$70 million	Index existing \$2/day rental fee to CPI
Taxi Fee: Fee on taxis to offset consumer impact on transportation system.	TBD	TBD, per ride flat fee
AV Safety Fee: Assess a safety fee on autonomous vehicles based on VMT.		TBD

Distribution of Revenue in Plan

	Total Revenue
HUTF (State Share): These revenues are allocated on a 60-22-18 (state, county, municipal) percentage share basis and are to be spent for improvements to highways, including new construction, safety improvements, maintenance, and capacity improvements.	\$1.637 billion
HUTF (Local Share): Local share of the Highway Users Tax Fund 40% (22% county, 18% municipal).	\$1.091 billion
Non-Attainment Fund: New fund for community impact and e-waste pollution mitigation in nonattainment regions.	\$106 million
Multimodal & Mitigation Options Fund (MMOF): The MMOF seeks to fund multimodal transportation projects and operations to support an integrated multimodal transportation system and to mitigate environmental impacts. Will also help advance Front Range Rail.	\$366 million
Charging Infrastructure & Electric Vehicle Equity: Community Charging Stations & Community Alternative Transportation, including eBikes.	\$323 million
CDPHE Fleet Electrification Incentives: Support fleet replacement.	\$320 million
CDOT Public Transit Electrification: Support electrification of public transit and transit charging infrastructure.	\$81 million
FASTER Fee Reduction:	-\$90 million
CDOT COP Payments:	-\$679 million

And at the national level:

Summary of Biden's \$2 Trillion Infrastructure Plan

- \$115B for bridges, highways, roads and streets: \$50B for road modernization, \$40B for bridges, \$5B for community transportation block grants and \$10B for transportation alternatives
- \$85B for transit: \$55B for state of good repair, \$25B to expand

transit and \$5B for ADA

- \$80B for rail: \$39 for modernization of Amtrak's Northeast corridor, \$16B for Amtrak's national network, \$20B for intercity passenger rail and \$5B for freight rail and safety grants
- \$174B to support EVs: \$15B to build out 500,000 EV charging stations, \$100B for EV rebates, \$25B for ZEV transit vehicles and \$20B for school bus electrification
- \$25B for airports: \$25B for FAA improvements to airports, \$10B for terminal renovation and \$5B for National Airspace System facilities
- \$17B for ports and waterways
- \$50B to invest in "resilient infrastructure" to withstand extreme weather events from climate change
- \$20B for reconnecting neighborhoods disconnected via infrastructure projects

To find out more about the American Jobs Plan and it's effects on Colorado, [click here](#)

Employment Opportunities

[Please check out our website for the most recent job postings!](#)

Thank you to our Section sponsors! To find out more about Section Sponsorship, please contact [Lisa Truong Nguyen](#).

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