



Western States Rural Transportation Technology Implementers Forum

June 16-18, 2025

Best Western Miner's Inn
Yreka, California



www.westernstatesforum.org

WHAT IS IT?



The Western States Rural Transportation Technology Implementers Forum is a two-day meeting where professionals involved with implementing transportation technology solutions exchange detailed technical information about how solutions are engineered and implemented. It is a time for dynamic discussion of practical and technical issues associated with rural ITS, to promote transferability of solutions and knowledge across the ITS community.

The Forum places high importance on the following:

Technical content.

Presenters delve into how solutions were developed, focusing on applications that have been deployed in the field and are being used in live traffic situations. Technical presentations are planned for one to two hours each, ensuring that this level of detail may be presented and understood.

Discussion.

Attendance is limited and extended time is allocated to facilitate and encourage detailed technical discussions.

Transparency and trust.

Presenters will discuss not only successes, but also failed and problematic deployments, so participants can learn about what does and doesn't work and why.

Who should attend?

ITS technology practitioners at the state and local level:

- Field engineers and maintenance staff
- Systems integration/networking engineers
- Wireless/communications technicians

When and where is it?

- June 16-18, 2025
- **Best Western Miner's Inn, Yreka, California.**

For 20 years, we and many of our peers have met annually for a peer exchange event called the Western States Rural Transportation Technology Implementers Forum. The Forum has provided ITS implementers and engineers with a valuable opportunity to engage in a detailed level of discussion about innovative ITS engineering projects designed to support the rural transportation system. We have found the Forum valuable, not only for the detailed and knowledgeable presentations, but also for the times outside of sessions where we can network with our peers from several western states.

The 20th annual Western States Forum will take place June 16-18, 2025, in scenic Yreka, California, through the Western States Rural Transportation Consortium (WSRTC). The standard of excellence in technical content will continue with a range of new technical topics and engaging demonstrations. Attendees are encouraged to bring equipment to demonstrate to their peers. In recognition of the 20th Anniversary of the Western States Forum, we have assembled a panel of WSF founders to discuss the who, what, where, when and why of this unique event. Rural ITS is, was and will continue to be at the frontier of Intelligent Transportation. Learn why "*Accurate, Timely, and Reliable*" is the measuring stick for performance in this environment, along with other key insight into the state of the practice.

The Western States Forum is not like other meetings. You will see that we provide extended time for each presentation, allowing speakers to get into a far greater level of detail about the projects, whether it relates to equations, source code or component-level discussion — basically the nuts and bolts of how a project works. Being a technically focused event with a cap on the number of attendees, the Forum has a more informal atmosphere, allowing for an open exchange of ideas and a better chance to network with peers. Through WSRTC sponsorship, we are able to keep the event quite affordable. Lodging at the Best Western Miner's Inn is available at the state government rate and the cost of all meals is covered. There is no registration fee.

With networking opportunities, in-depth and relevant technical program, excellent location, low cost, and quality facilities, this will be an event you won't want to miss.

We hope you will join us June 16-18 in Yreka!

Andres Chavez, P.E.
Chief, Rural ITS and Special Projects Research Branch
Caltrans Division of Research, Innovation, and System Information

Jeremiah Pearce, P.E.
Chief, Office of ITS Engineering and Support
Caltrans District 2

Please register online:

<https://tinyurl.com/6p7dfwcb>

Registration deadline:

May 16th, 2025



2025 AGENDA



Monday, June 16, 2025

4:00 - 7:00 pm Registration

5:00 - 6:30 pm *No-Host Social*

6:30 - 9:00 pm *Dinner Reception*

Tuesday, June 17, 2025

7:00 - 8:00 am *Breakfast*

8:00 - 8:15 am Welcome and Introductions

8:15 am - 12:00 pm Technical Presentations/Demonstrations

12:00 - 1:00 pm *Founders Panel, Lunch*

1:00 - 5:00 pm Technical Presentations/Demonstrations

5:00 - 5:15 pm Comments, Evaluations

6:00 pm *Evening Dinner/Social*

Wednesday, June 18, 2025

7:00 - 8:00 am *Breakfast*

8:00 am - 12:30 pm Technical Presentations/Demonstrations

12:30 - 2:00 pm *Lunch, Celebration*

12:30 - 2:00 pm Awards, Concluding Remarks, Evaluations

2025 INVITED PRESENTATIONS/DEMONSTRATIONS



- Evaluation and Application of Fotokite Tethered Drones in Rural Areas of Washington and California (AHMCT UC Davis, Caltrans District 6, Washington State DOT)
- Montana Transportation Management Center (Montana DOT)
- Pikalert: NSF-NCAR's Road Weather Hazard Prediction System (NCAR)
- Developing The Plan – Integration of ITS into Mobility Plans (Nevada DOT)
- Powering ITS Devices in Challenging Environments (Utah DOT Region Four)
- Drone Usage and Graffiti Detection (Washington State DOT)
- Redesigning the ITS Communication Network in the State of Wyoming (Wyoming DOT)

PREVIOUS PRESENTATIONS



The following partial list of presentations from previous Forums will give you a sense of diversity and depth of topics covered at this meeting.

- A Cost-Effective Solution for Truck Parking Based on Artificial Intelligence
- A Tale of Two RWISs (RWIS Trials and Tribulations)
- ASWSC Phase 3: Migration of the Automated Safety Warning System Controller to the Caltrans Advanced Transportation Controller Platform
- Fiber Optic Systems in Rural Areas: Building and Leveraging Fiber Systems
- Hydrogen Fuel Cell Backup Power Systems for ITS Applications
- Idaho's Winter Performance Measures
- Innovative Uses of Unmanned Aerial Vehicle (UAV) Technology
- Multnomah Falls Parking Management System
- Organic vs. Purchased Data for Travel Time Predictions
- PPPoE Security on Networks Utilizing Ethernet Interfaces
- Technical Development of the Western States One Stop Shop for Rural Traveler Information
- Traffic Monitoring Using Fiber Optic Sensing
- UDOT Automated Traffic Signal Performance Measures
- UDOT's Statewide Wrong-Way Detection Project
- Washington State DOT LED Adaptive Roadway Lighting and Illumination Reform
- Weather Warning Systems in Oregon and Region 5 Interstate Access Gates

Go to www.westernstatesforum.org/PastForums/ for a complete list of presentations from previous Forums.



ONLINE EVENT REGISTRATION

Please register online:

<https://tinyurl.com/6p7dfwcb>

Registration deadline:

May 16th, 2025



• Attendance is limited. Registration will close when the maximum number is reached or on May 16th, whichever comes first. Registration after the deadline will be dependent on space and lodging availability.

• To make your **lodging reservations**, please contact the **Best Western Miner's Inn, Yreka by May 16th**.

Additional information:

Please contact Leann Koon

• Phone: (406) 994-7643

• Email: leann.koon@montana.edu



LODGING RESERVATIONS



Reservations:

Best Western Miner's Inn, Yreka

- Please **call** the **Best Western Miner's Inn** directly to make a lodging reservation.
 - <https://bit.ly/3svJgCf>
 - Phone: (530) 842-4355
 - Address: 122 E Miner St, Yreka, CA 96097
- The group reservation name is "WSF."
- A credit card will be required to hold your room reservation and at check-in. Room charges will be made upon check-out.
- Reservations within this block must be booked and guaranteed by May 16th, 2025.

Lodging Options*

- Single bed room
 - 1 king bed
 - \$107.00 plus tax/night = \$123.34/night
- Double bed room
 - 2 queen beds
 - \$119.00 plus tax/night = \$136.78/night

*Availability of each accommodation type within the block is limited and reservations will be filled on a first come first served basis.

The lodging block is available for individual reservations to be guaranteed with a major credit card at the time of booking.

Cancellation Policy:

In the event of cancellation, each individual will be responsible for the cancellation charges for his or her own reservation (with the credit card on file). No charges will be incurred if the cancellation notice is received more than 24 hours prior to the date of check-in. If the reservation is cancelled less than 24 hours before the scheduled arrival date, the individual will be responsible for the full room charge.

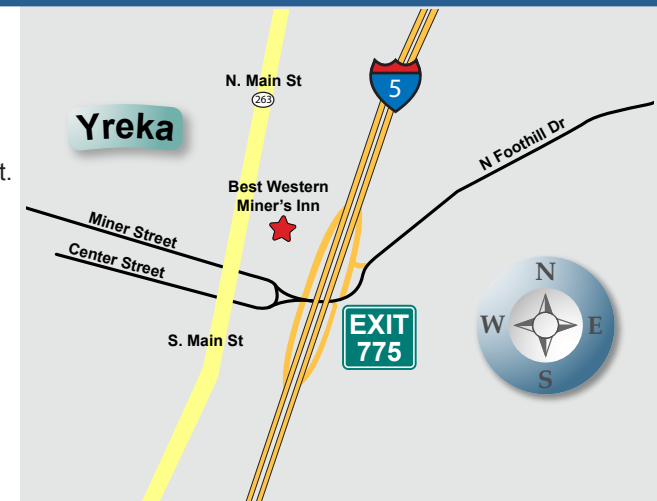
DIRECTIONS



- From Interstate 5, take exit 775 toward Central Yreka. Head west on E Miner St / Center St. Hotel is situated in between the Interstate and Main Street.
- From Interstate 5 north bound, take exit 775 toward Central Yreka. Turn left onto E Miner St and hotel will be on the right.
- From Interstate 5 south bound, take exit 775 toward Central Yreka. Turn right onto E Miner St and hotel will be on the right.

Closest Airports:

- Medford, OR: 52 miles to the north on Interstate 5
- Redding, CA: 99 miles to the south on Interstate 5



Map available online www.westernstatesforum.org