



Western States
Rural Transportation
Technology Implementers
Forum



SYSTEMS ENGINEERING DEVELOPMENT AND INTEGRATION PROGRAM

Western States Rural Transportation Technology Implementers Forum

The Western States Forum is not like any other meeting or conference!

What is it?

The Western States Forum is an annual event where implementers of ITS technologies have the opportunity to share technical information on best practices and field deployment experiences with fellow professionals from across the western United States. It is an engineering practitioner's conference with the goal of providing a forum for high-quality exchange of technical information that can help to support better ITS deployment in rural areas. It is a forum for dynamic discussion of practical and technical issues associated with rural ITS, to promote transferability of solutions and knowledge across the ITS community. Multiple, highly-interactive technical presentations, ranging in length from 1 to 2 hours each, in-depth equipment demonstrations, and numerous opportunities for networking with peers, are all part of the agenda.

The Western States 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. The longer presentation time ensures 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 success stories, but also about failures and problems, 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



WESTERN TRANSPORTATION INSTITUTE
Rural Research Matters

Innovation - Integration - Implementation
WESTERNTRANSPORTATIONINSTITUTE.ORG • (406) 994 6114

Western States Rural Transportation Technology Implementers Forum



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

2022 Presentations/Demonstrations

- Controlled Helter-Skelter: A Tale of Chain Controls and Traffic Queuing
- UDOT's Region Four Variable Speed Limit (VSL) I-15 Corridor in Rural Utah
- Evaluation of Road Weather Messages on DMS using Roadside Pavement Sensors
- The Nevada TSMO Program – A Modern Approach to Solving Old Problems
- Next Generation Work Zone Data Integration and Dissemination – Work Zone Data Exchange (WZDx) Development from Planning to Operations
- UDOT's Region Four Intersection Conflict Warning System Phase 2
- Commodity Traffic Cameras as Cost-Effective Alternative to Traditional Sensing Hardware
- Traffic Monitoring Using Fiber Optic Sensing

Previous Presentations/Demonstrations

- ASWSC Phase 3: Migration of the Automated Safety Warning System Controller to the Caltrans ATC Platform
- A Tale of Two RWISs (RWIS Trials and Tribulations)
- Cellular Communications in Rural Applications
- Fiber Optic Systems in Rural Areas: Building and Leveraging Fiber Systems
- Idaho's Winter Performance Measures
- Innovative Uses of Unmanned Aerial Vehicle (UAV) Technology
- 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
- 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

A complete list of presentations from past Forums can be found at www.westernstatesforum.org/PastForums/.



For further information please visit www.westernstatesforum.org or contact:

Sean Campbell, P.E.

Caltrans

sean_campbell@dot.ca.gov
(916) 227-6259

Jeremiah Pearce, P.E.

Caltrans

jeremiah.pearce@dot.ca.gov
(530) 225-3320

Leann Koon

WTI

leann.koon@montana.edu
(406) 994-7643

Douglas Galarus

Montana Tech

dgalarus@mtech.edu
(406) 496-4858