



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



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**Rural Research Matters**

Innovation - Integration - Implementation  
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The following list of presentations from previous forums will give you a sense of the diversity and depth of topics covered at this meeting:

## 2016 Presentations/Demonstrations

- RWIS Deployment Update for Campbell-Datalogger-Based RPU
- Comparison of In-Pavement Versus Non-Invasive Pavement Sensor Technologies (AKA: The Lesser of Two Evils)
- Joint Base Lewis-McChord (JBLM) Bluetooth Traveler Information and Integration
- Local Adaptive Signal Timing on US101 Hwy in Lincoln City, Oregon
- iPads for Field Data Collection at WSDOT
- Portable Work Zone Data Collection
- Caltrans' Controller Cabinet Standards: Models 33x, 33xL and 34xLX Present and Future
- Dedicated Short Range Communications (DSRC) Radio for Rural ITS
- Connected Vehicle CRADA Partnership

## Previous Presentations/Demonstrations

- A Tale of Two RWISs (RWIS Trials and Tribulations)
- California Highway Patrol (CHP) Rapid Response Vehicle
- Commercial Wholesale Web Portal 2: Providing Caltrans' Traveler Information Data to Third Party Developers
- Field Element Network Design for a Rural Transportation Management Center
- Idaho's Winter Performance Measures
- Photovoltaic Power Systems for Rural ITS
- Technical Development of the Western States One Stop Shop for Rural Traveler Information
- Washington State DOT LED Adaptive Roadway Lighting and Illumination Reform
- Weather Warning Systems in Oregon and Region 5 Interstate Access Gates
- WYDOT Roadside WiFi and Tablet App

A complete list of presentations from past Forums can be found at [www.westernstatesforum.org/PastForums/](http://www.westernstatesforum.org/PastForums/).



For further information please visit [www.westernstatesforum.org](http://www.westernstatesforum.org) or contact:

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