

Western States Rural Transportation Consortium Meeting

September 19, 2012

Overview/Agenda

- Welcome / Introductions
- Western States Forum Wrap Up
- WSRTC Pooled Fund updates/discussions
- Incubator project updates
- General upcoming project discussion
- Roundtable of recent/planned ITS activities
- Other discussions (as needed)

Western States Rural Transportation Technology Implementers Forum

Wrap Up



7th Annual

Western States Rural Transportation Technology Implementers Forum

Yreka, California

June 12-14, 2012

*Winner of the 2012 Best of Rural ITS Award for Best New
Innovative Product, Service or Application*

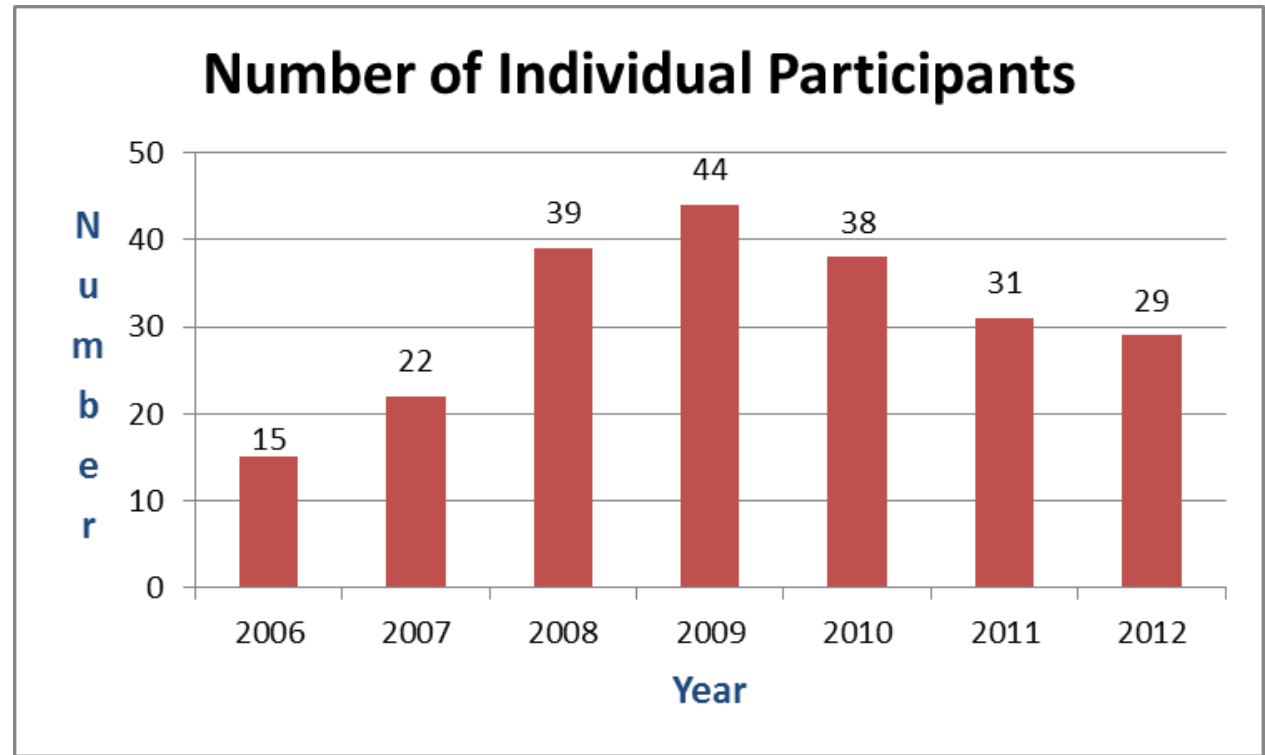
Western States Rural Transportation Technology Implementers Forum

An engineering practitioner's conference held annually since 2006.

Designed to be two days of dynamic discussion and demonstration of practical applications and technical issues associated with Rural ITS in order to promote transferability of solutions and knowledge across the ITS community.

Western States Rural Transportation Technology Implementers Forum

This year's participants came from six western states. They represented three state DOT's, three universities, the California Highway Patrol, and the Southwest Research Institute.



4 have been to all 7 Forums, another 2 have attended 6, 12 1st time attendees

Western States Rural Transportation Technology Implementers Forum

State Representation

2006 - CA, ID, MT

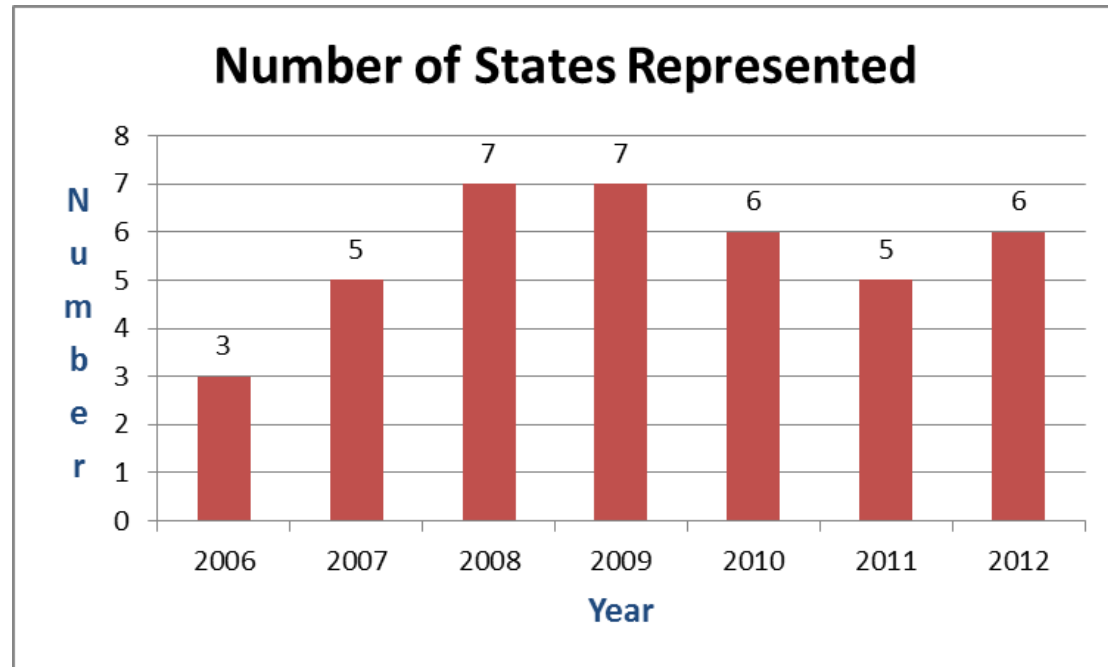
2007 - CA, MT, NV, OR, WA

2008, 2009 - CA, ID, MT, NV,
OR, WA, WY

2010 - AK, CA, MT, NV, OR, WA

2011 - CA, MT, NV, OR, WA

2012 - CA, ID, MT, NV, OR, TX



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Field Element Network Design for a Rural Transportation Management Center

Ian Turnbull, P.E., Jeremiah Pearce, P.E.
Caltrans District 2

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Travel Times Using Bluetooth
Lynne Randolph
Southwest Research Institute

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*Technical Development of the Western States One Stop Shop
for Rural Traveler Information*

Doug Galarus, Dan Richter

Western Transportation Institute

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Mobile ITS Hotspot Trailers, an Evolving Technology

Jon Dickinson, Mark Aragon

Nevada Department of Transportation

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Using Wireless Data Collection Units as Point Detection Systems

Amirali Saeedi, SeJoon Park, David S. Kim, J. David Porter

Oregon State University

Western States Rural Transportation Technology Implementers Forum



*California Highway Patrol Rapid Response
Vehicle (RRV)*

Hanna V. (John) Batarseh, Brian Guthrie
California Highway Patrol





Western States

**Rural Transportation
Technology Implementers**

Forum

Save the Date

for the

2013 Forum!

June 18 - 20, 2013

Yreka, California

Holiday Inn Express

www.westernstatesforum.org

WSRTC Pooled Fund update/discussion

WSRTC Meeting Coordination, Western States Forum Travel Support and Website Maintenance (Task Order 3)

- Start Date: 4/1/2012
- End Date: 4/30/2013
- WSRTC Meeting Facilitation and Attendance:
 - WSRTTIF: June, 2012 - Completed
 - NRITS: September, 2012 – In Progress
 - (TBD/optional) Yreka or other: February, 2013 – Upcoming
 - Other?
- Western States Forum Support
- Website Content and Maintenance

WSRTC Pooled Fund

- Other Items for Discussion

Incubator Project Updates

Survey of Safety Warning Devices

- Synthesis of existing safety warning devices in the western U.S.
- Questions revised to first identify if/what types of systems an agency/contact may have, follow-up information then sought
 - Pursue responses via phone/email based on contact's preference

Survey of Safety Warning Devices

- On-going work
 - Data collection via telephone, email
 - Summarize survey responses/information as it is received
 - Report
- Status – survey contacts are on-going, schedule is behind
- If anyone on the call has any contacts (even names/numbers/emails, please pass along

Regional ICM Planning

- Establish guidance and criteria to initiate, plan and develop rural ICM plans
 - Define what rural ICM is and establish factors to consider
- Apply results of USDOT Integrated Corridor Management initiative to the rural environment

Regional ICM Planning

- Work to-date
 - Literature review updated
 - Planning protocols
 - Review and summary in progress, with adaptations being identified to meet rural
 - Document Emergency Operations Center protocols
 - Completed, need to obtain document(s) from Nevada

Regional ICM Planning

- Ongoing work
- Development of rural ICM planning process
- Upcoming work
 - Route inventory
 - Demonstration of developed process
 - Report

General upcoming (and current) project discussions

Spin-Off Projects – On-Going

- Automated Safety Warning Controller
 - Phase 2 in Progress
 - 4/10/2012 - 3/14/2013
- Professional Capacity Building (PCB) for Communication Systems
 - Phase 2 in Progress
 - 6/29/2011 – 10/31/2012 (extension to 10/31/2013 in process)
- Western States One Stop Shop for Rural Traveler Information
 - Phase 2 in Progress
 - 10/1/2011 - 9/30/2013

Spin-Off Projects - Upcoming

- WeatherShare
 - Phase 3 Initiating
 - 7/3/2012 – 6/29/2014
- Integration of Aviation AWOS with RWIS
 - Phase 3 Initiating
 - 7/3/2012 – 6/29/2014
- Redding Responder
 - Phase 3 Initiating
 - 7/3/2012 – 6/29/2014

Roundtable of Recent ITS Activities

Winter/Spring Steering Committee Meeting

Other Discussion

Items

- Next meeting
- Action items

Wrap-up