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.
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

Number of States Represented

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Western States Rural Transportation Technology Implementers Forum

Field Element Network Design for a Rural Transportation Management Center

Ian Turnbull, P.E., Jeremiah Pearce, P.E.
Caltrans District 2
Western States Rural Transportation Technology Implementers Forum

How Is Bluetooth Used?
- Pair two devices (headset and phone, e.g.)
- Pairing: one device made discoverable
- Second device searches or scans
- Once paired, neither has to be discoverable to connect
- Some knowledge of Bluetooth
- Already have the MAC address
- Once paired, list of available "services" is shared

Travel Times Using Bluetooth
Lynne Randolph
Southwest Research Institute
Technical Development of the Western States One Stop Shop for Rural Traveler Information

Doug Galarus, Dan Richter
Western Transportation Institute
Western States Rural Transportation Technology Implementers Forum

Mobile ITS Hotspot Trailers, an Evolving Technology
Jon Dickinson, Mark Aragon
Nevada Department of Transportation
Western States Rural Transportation Technology Implementers Forum

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
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

• Integration of Aviation AWOS with RWIS
  – Phase 3 Initiating

• Redding Responder
  – Phase 3 Initiating
Roundtable of Recent ITS Activities
Winter/Spring Steering Committee Meeting
Other Discussion
Items

- Next meeting
- Action items
Wrap-up