

# Western States Rural Transportation Consortium Meeting

March 8, 2013

# Overview/Agenda

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

# Western States Rural Transportation Technology Implementers Forum

Update and Preview



Western States

Rural Transportation  
Technology Implementers

Forum

# Western States Rural Transportation Technology Implementers Forum

June 18-20, 2013

Yreka, California

Holiday Inn Express

# (Tentative) Presentations/Demonstrations

- **Caltrans District 9, Phil Graham:** Automated Wind Warning System – Caltrans District 9
- **Caltrans, Headquarters Division of Traffic Operations, Martha Styer:** Bike Detection in California
- **Caltrans District 2, Keith Koeppen:** CCTV Image Relay
- **Nevada Department of Transportation, Jim Whalen:** Design and Implementation of Nevada DOT's Point to Point and 3G/4G Networks for Rural ITS
- **Nevada Department of Transportation, Israel Anthony Lopez:** Design and Implementation of Video for Rural ITS – Nevada Department of Transportation

# (Tentative) Presentations/Demonstrations

- **Yegor Malinovskiy, Yin Hai Wang, University of Washington; Ron Vessey, Washington State Department of Transportation:** Error Assessment for Emerging Traffic Data Collection Devices
- **Western Transportation Institute, Doug Galarus:** Field Element Data Quality Control from the Perspective of Data Redistribution
- **Oregon Department of Transportation, Doug Spencer:** Procuring the Advanced Transportation Controller (ATC) for the Oregon Dept. of Transportation and the State of the National Standards
- **Idaho Transportation Department, Dennis Jensen:** Winter Maintenance Performance Measures – Idaho Transportation Department



## Discussion

- *8<sup>th</sup> Annual Western States Forum*
- Registration just opened.
- Travel assistance
  - 9 presentations/speakers
- WSRTC meeting
- [www.westernstatesforum.org](http://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 (and Steering Comm. mtg.): June, 2013 - Upcoming
  - NRITS: August, 2013 – Upcoming
  - Other?
- Western States Forum Support
- Website Content and Maintenance

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

- Approximately \$51,000 remaining from \$77,000 allocated at the end of February.
- An extension or new task order is needed to cover this years Western States Forum, NRITS, etc.

# Rural Traveler Information (One Stop Shop) (Task Order 2)

- Start Date: 10/1/2011
- End Date: 9/30/2013
- Slow start due to other commitments, and delay in conjunction in prior MCOM proposal.
- Approximately \$140,000 (of \$150,000) remaining.
- A no-cost extension will be needed, with the objective of covering the 2013-2014 bad weather season.

# 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.
- Agency contacts via telephone have been ongoing to date
- Approach has been successful in most cases; some states have been problematic in terms of leads

# Survey of Safety Warning Devices

- Status – survey contacts are on-going
  - Discussion of each system generally takes 5-7 minutes
- Contacts to date – CA, OR, WA, NV, ID, AZ, NM, MT, WY, CO
  - Still working on AK and UT
- Some states have a number of systems (CA, OR, WA), while others do not (MT, ID)
- Documenting active and inactive systems

# Survey of Safety Warning Devices

- Systems identified/documentated:
  - Ice/Weather warning (6)
  - Animal warning (7)
  - Curve Speed warning (14)
  - Traffic/Queue warning (5)
  - Variable Speed Limit (3)
  - Wind warning (6)
  - Runaway Truck Ramp (5)
  - Flood warning (2)
  - Visibility warning (2)
  - Tunnel warning (2)
  - Seismic warning (2)
  - Other (5) [vehicle overlength detection, travel time, automated deicing]



# Survey of Safety Warning Devices

- On-going work
  - Data collection via telephone
  - Summarize survey responses/information as it is received
- If anyone has contacts (names/numbers/emails) please pass along

# Regional ICM Planning

- Establish guidance and criteria to initiate, plan and develop rural ICM plans
- Work to-date
  - Documentation
    - Literature review
    - ICM Planning protocols
    - Emergency Operations Center protocols
      - Still trying to obtain document(s) from Nevada (Tom or Jon, and leads on this?)

# Regional ICM Planning

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

# Regional ICM Planning

- Steering Committee feedback on candidate demonstration route(s)
  - Should have instrumentation and equipment present (CCTV, CMS, RWIS, HAR, and TMC/TOCs)
  - Note, no tools will be developed for route(s)

# Regional ICM Planning

- Data needs for route inventory for demonstration route(s)
  - Geometrics (basics such as lane widths, bridge capacities, etc.)
  - Existing ITS field elements (generally have this info via OSS work)
  - Traffic data
- Input and feedback regarding potential sources for this data needed

# General 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 – 10/31/2013
- Western States One Stop Shop for Rural Traveler Information
  - Phase 2 in Progress
  - 10/1/2011 - 9/30/2013
  - Extension needed to cover 2013-2014 bad weather season.

# Spin-Off Projects - Upcoming

- WeatherShare
  - Phase 3 Initiated
  - 7/3/2012 – 6/29/2014
  - Extension through 2015 Anticipated
- Integration of Aviation AWOS with RWIS
  - Phase 3 Initiated
  - 7/3/2012 – 6/29/2014
  - Extension through 2015 Anticipated
- WeatherShare Integration with QuickMap
  - Pending
  - 7/1/2013 – 6/30/2018



# Roundtable of Recent ITS Activities

# Summer Steering Committee Meeting

# Steering Comm. Mtg.

- Planned to coincide with upcoming Western States Forum (June)
- Options:
  - Tuesday, June 18, in afternoon
  - Final day (Thrus., June 20), in afternoon
  - Other preferences/ideas?

# Other Discussions

# Items

- Next meeting
- Action items
- Other

# Wrap-up