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

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
• Yegor Malinovskiy, Yinhai 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

• 8th 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/documented:
  – 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

• 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
  – Extension through 2015 Anticipated

• Integration of Aviation AWOS with RWIS
  – Phase 3 Initiated
  – 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 (Thurs., June 20), in afternoon
  – Other preferences/ideas?
Other Discussions
Items

• Next meeting
• Action items
• Other
Wrap-up