Overview/Agenda

• Welcome / Introductions
• New member state - Utah
• Western States Forum Preview
• History of COATS, WSRTC
• WSRTC Pooled Fund updates/discussions
• Incubator project progress
• General project discussion
• Roundtable of recent/planned ITS activities
• Other discussions (as needed)
Welcome / Introductions
New Consortium Member State
Welcome Utah!
Western States Rural Transportation Technology Implementers Forum

Preview
Western States Rural Transportation Technology Implementers Forum

June 19-21, 2018
Yreka, California
Best Western Miner’s Inn
Presentations / Demonstrations

*Cellular Communications in Rural Applications*
Keith Koeppen
Caltrans, District 2

*DWR Hydrology Data Acquisition System (HyDAS)*
Bryan Prestel
California Department of Water Resources

*Active Traffic Management System*
Blaine Van Dyke, P.E., Michael Burkart
Oregon Department of Transportation

*From AWOS/RWIS to Caltrans Aviation Weather Information (AWI)*
Douglas Galarus, Melissa Clark, Derek Kantar
WTI/MSU, USU, Caltrans DRISI, Caltrans Division of Aeronautics
Presentations / Demonstrations

Advanced Traffic and Weather Visualization Platform
Ira Pray, Robert Koeberlein, Sarah Lightbody, Zachary Spielman, Scott Wold
Idaho National Laboratory, Idaho Transportation Department

UDOT Snow and Ice Performance Measure
Jeff Williams, Cody Oppermann
Utah Department of Transportation

ITS, Signage, Signals, and Structures Condition Rating Dashboard
Doug Spencer, P.E.
Oregon Department of Transportation
Presentations / Demonstrations

*Mobile Device App for Maintaining CMS Field Elements*
Stephen M. Donecker
University of California - Davis

*Adapting an Advanced Traffic Management System for Rural Deployment*
Ansley Skillern, Amit Misra, Jose Perez
Southwest Research Institute
Schedule of Events

Tuesday, June 19\textsuperscript{th}
• 4:00 pm Registration
• 5:00 pm Reception (no-host)
• 6:30 pm Dinner, Networking

Wednesday, June 20\textsuperscript{th}
• 7:45 am – 5:30 pm Technical Program
• 6:15 pm Social, Networking

Thursday, June 21\textsuperscript{st}
• 7:45 am – 12:00 pm Technical Program
• 12:00 pm – 1:00 pm Closing Remarks, Evaluations, Lunch
Participation

• 13\textsuperscript{th} Annual Western States Forum

• 46 Participants Registered:

  – By State:

    • CA (27)
    • ID (1)
    • MT (1)
    • NV (3)
    • OR (3)
    • TX (2)
    • UT (4)
    • WA (3)
    • DC (2)
Participation

Caltrans Participants:

- D1 (3)
- D2 (10)
- D3 (2)
- D4 (1)
- D5 (1)
- D10 (1)

HQ (4)
DRISI (2)
Participation

– Participants from Other Agencies:
  • California Department of Water Resources (1)
  • IBM (2)
  • Idaho National Laboratory (1)
  • Nevada Department of Transportation (2)
  • Oregon Department of Transportation (3)
  • Oregon State University (1)
  • Southwest Research Institute (2)
  • Utah Department of Transportation (3)
  • Utah State University (1)
  • Washington State Department of Transportation (3)
  • Western Transportation Institute (1)
History of COATS and the WSRTC
WSRTC Pooled Fund update/discussion
WSRTC Pooled Fund

• Renewed
• New Expiration = 3/31/2020
WSRTC Meeting Coordination, Western States Forum Travel Support and Website Maintenance (Task Order 11)

• Start Date: 3/1/2018
• End Date: 2/28/2019
• Budget: $72,662.00
• WSRTC Meeting Facilitation and Attendance:
  – NWTC/NRITS
  – Other meetings via teleconference as needed.
• Western States Forum Support
• Website Content and Maintenance
• Estimated $64,000 remaining after May 2018.
Automated Safety Warning Controller (Task Order 12)

• Start Date: this summer
• End Date:
• Budget: $249,995
• Utah State University
Rural Traveler Information (One Stop Shop) (Task Order 13)

- Start Date:
- End Date:
- Budget: $150,000
- Utah State University

This project will continue to support surface transportation goals of enhancing safety and mobility by demonstrating an information mechanism that could provide route-specific information to highway users in rural areas throughout the Western United States. With limited availability of traveler information in rural areas, this project promises to provide a traveler information system benefiting all highway users, at a relatively low cost.
Incubators

• How-To Handbook/Manual for the Western States Forum
• Cellular Telco Usage in Rural Environments
• Data Quality for Aggregation and Dissemination of DOT Traveler Information: An Analysis of Existing System Best Practices (Part 2)
General project discussions
Spin-Off Projects – Pending & On-Going

• Professional Capacity Building (PCB) for Communication Systems Phase 4
  – Start: 12/9/2016
  – Duration: Two Years (to be extended by an additional year)

• COATS Phase 7
  – Start: 2/14/2017
  – Duration: Two Years
Spin-Off Projects – On-Going

• Integration of Aviation AWOS with RWIS Phase 4
  – Start: 2/16/2016
  – Duration: Two Years

• Automated Safety Warning Controller
  – Anticipated start: September 2018
  – Will go through the WSRTC, Utah State University
Roundtable of Recent ITS Activities
Other Discussions

Website
Wrap-up

• Next meeting
  – NRITS is October 21-24, 2018; Fort McDowell, AZ
• Action items
• Other