

Western States Rural Transportation Consortium Meeting

June 19, 2018

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 19th

- 4:00 pm Registration
- 5:00 pm Reception (no-host)
- 6:30 pm Dinner, Networking

Wednesday, June 20th

- 7:45 am – 5:30 pm Technical Program
- 6:15 pm Social, Networking

Thursday, June 21st

- 7:45 am – 12:00 pm Technical Program
- 12:00 pm – 1:00 pm Closing Remarks, Evaluations, Lunch

Participation

- 13th 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