Multi-State Approach to Improved Corridor Operations
The Problem…

- Major economic freight and tourist corridor (50% Trucks)
- 1,200 miles across four states – Rural & Mountainous
- Donner Summit snowfall – 420”
- Nevada’s snowfall – 200”-300”
- Massive elevation changes
  - 6,200’ in 60 miles in CA
  - 2,850’ in 25 miles in UT

Utah’s Profile
I-80 Parley’s Canyon - Utah
Wyoming
Blowing Snow / Visibility
The Impact…

- Delays - Trucking Costs ($1M / Hour)
- Stranded Motorists
- Accidents (Not Good !!!)
- Limits EMS/Emergency Response
Queue on I-80 during a Snow Closure at the CA / NV State Line.
The Solution

Share Information Across State Lines

Link Traffic Operations Centers

Consistent Interstate Service
The Vehicle for Improvement

- Leverage state resources to create innovative solutions to winter issues on I-80
- Provide a forum for information sharing
- Share data with transportation agencies and public
- Establish common procedures for consistent operations
- Coordinate, Communicate, Cooperate (C³)
Information Sharing

Freeway Cameras

Real-Time Information

MDSS

Incident Management

511 Travel Info

Highway Advisory Radio

RWIS
Opportunities

• Winter operations / Clearing Roadways
• Multi state coordination (real-time info exchange)
• Freight mobility and regional truck parking
• Funding
• Traveler information across state boundaries
• Multiple weather forecasting and weather data integration activities
Coalition Kick-Off Meeting January 2010

I-80 Coalition Partners:
• Caltrans
• Nevada DOT
• Utah DOT
• Wyoming DOT

Private Sector Involvement:
• Kimley-Horn
• Northwest Weathernet
• Weather Solutions Group
• Vaisala
• Meridian Environmental

Peer State Input:
• Washington State (NW Passage)
• New Hampshire (I-95 Coalition)
High Priority Initiatives

• Publicize / Share Winter Maintenance Best Practices among Coalition Partners
• Market Research / Customer Outreach
  – Freight Community
  – Tourism / Economic Development
• Corridor Specific Forecasts for All Four States
• Link TMCs across the Entire Corridor
• Common 511 & Road Condition Descriptors
• Common operations procedures (DMS, Alerts)
Corridor Overview

Interstate 80 is a major east-west interstate corridor through the states of California, Nevada, Utah and Wyoming, and is a major economic freight and traveler corridor which can better service the public through improved and coordinated maintenance and traveler information services. Integration and continuity of Winter Maintenance Operations across the United States is needed to provide consistent traveler information and similar levels of service to achieve a higher degree of boundary transparency and improved mobility, as seen by the traveling public.

Our Purpose

To provide better and more comprehensive I-80 corridor conditions information to both transportation agencies and to travelers.

Based on existing multi-state coordination efforts on I-80 and expand to include general road conditions information, consistent corridor-wide traveler information, proactive traffic management strategies, coordinated maintenance operations and potentially...
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