



WINTER OPERATIONS COALITION

I-80 Coalition Webinar

JUNE 8, 2010





Administrative Items

- Conference call information for audio accessibility:
 - Number: 866-726-6516
 - Passcode: 6029061359
- This webinar is a live conference call – please mute your line when you are not planning to talk to minimize background noise
 - To mute your line press *6, to un-mute press #6
 - This information will show at the bottom of each slide as a reminder



Webinar Agenda

- **Background and Introductions**
- I-80 Outreach Update
- Strategic Plan
- Freight Action Plan
- Upcoming Opportunities
- Next Coalition Workshop
- Agency Roundtable



Purpose

- Regroup since January 2010 meeting
- Updates on new projects/activities
- Priorities for Coalition moving forward
- Opportunities



Materials Prepared to Date

- Draft Strategic Plan
- Draft Action Items
- Draft Freight Action Plan/Strategy



Welcome and Introductions

I-80 Coalition Partners:

- Caltrans
- Nevada DOT
- Utah DOT
- Wyoming DOT
- New attendees:
 - Nebraska DOT

Facilitators:

- Bill Hoffman – Nevada DOT
- Lisa Burgess – Kimley-Horn
- Deanna Haase – Kimley-Horn



Recap of Challenges Facing the I-80 Corridor

- Information sharing between ops/maintenance
- Traffic management operations during winter conditions
- Regional truck parking during ice and snow events
- Sharing data among multiple TMCs/TOCs
- Forecast data inputs to ops/maintenance decisions
- Efficient use of ITS device data and potentially shared use
- What data is available? What data is needed?
- Performance measures and monitoring
- Traveler information
- Retention of experienced staff, training



Prioritizing I-80 Corridor Needs/Issues

- High priority needs
 - Recap of what has been discussed thus far
 - Additional needs
- Potential actions for Coalition or individual states
- Low hanging fruit – near-term
- Action list – longer-term



Major Action Items

- Coalition formalization – funding to be discussed at later date
- Advance key activities such as outreach and communications plan
- Involve freight industry in discussions prior to next workshop
- Next workshop in Fall



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I-80 Outreach Update

- PIARC in Quebec
- Discussions with FHWA
- WASHTO Executive Level Mtg
- ITE Western Dist. Mtg
- ITS America in Houston
- www.i80coalition.com

- Contains all presentations, documents, resources, and external links to support Coalition objectives



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Strategic Plan

- Overview
 - Priorities and direction for the Coalition for the next five years
 - Focus areas and guidance
 - Ongoing collaboration
 - Project development process
 - Funding
 - Action plan guidelines
- Feedback on draft action list
 - Near-term activities/projects
 - Master list



Action List – Near-Term

NEAR-TERM ACTIVITIES

*Coalition Outreach – webinar, presentations

Share existing state programs, projects, benefit/cost analysis with other states

Survey users of I-80 – travelers and trucking industry

Develop consistent weather and road definitions/terminology, format and content

*I-80 winter mobility issues/justification – gather data on I-80 statistics to support request for funding

*Develop overarching communications plan – include TMCs/maintenance/weather

*Develop “I-80 corridor real-time and forecasting” website

Coordinated guidelines for DMS messaging and use along the corridor

Enhancing notification list of closures – group emails/phone alerts for road closures



Action List – Master List

MASTER LIST

Ongoing program support for Coalition

Integrating state reporting systems

Integrated communications capabilities and shared use for DMS and HAR

Connect TMCs across states – camera views, access to sensor data

Develop interagency agreements to guide operations

Evaluate what systems/technology can reduce long term costs, improve efficiency

Develop guidelines for coordinating emergency response across borders

Improve communications infrastructure in corridor

Develop performance measures for states to track progress



Action List – Master List

MASTER LIST

Corridor-wide consistent major event descriptors – via 511 and media

Partner with media to deliver traveler information across corridor

Expand CHIRP to include daily road plans in California

Support for weather forecasting from UDOT TMC for entire corridor

Investigate MOC/service concept for other states

MDSS expansion to states – Nevada, Utah

Corridor-wide oversize/overweight permitting “one-stop-shop”

Identify freight information needs – permits, chains, driver versus dispatch needs

Deploy automated data collection on fleet

Staff/training – cross-train temporary staff



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I-80 Corridor Contact Information

	CALIFORNIA	NEVADA	UTAH	WYOMING
TRAFFIC/OPERATIONS CHAMPIONS				
Champion Name	Andrew Brandt			
Contact Info - #, email	(530) 741-5710, cell (530) 682-3697 andrew_brandt@dot.ca.gov 703 B Street, Marysville, CA 95901			
Working Hours	0800 - 1700			
Alternate Champion Name	Bob McNew, 0800 - 1700 (916) 859-7979, cell (530) 340-5677 bob_mcnw@dot.ca.gov 3165 Gold Valley Drive Rancho Cordova, CA 95670			
MAINTENANCE CHAMPIONS				
Champion Name	Stan Richins			
Contact Info - #, email	530-265-7815, cell 530-682-5024 stan_richins@dot.ca.gov 10057 Gold Flat Road Nevada City, CA 95969			
Working Hours	0800 - 1700			
Alternate Champion Name	Bryan Carlson, 0800 - 1700 530-426-7605, cell 530-957-1964 bryan_carlson@dot.ca.gov 51121 Donner Pass Rd Soda Springs, CA 95728			
BENEFICIAL INFORMATION FOR COMMUNICATION PLAN				
Types of data that can be shared with other states	chain control, weather conditions, traffic volumes, travel times, incidents.			
Potential for shared device control - Which	CCTVs, CMS, HARs.			
Incident response plans for each state - criteria, lane closures.				
Geographic coverage of response - maintenance, TMC coverage, weather Other?	Dist 03 (11 counties) Butte, Glenn, Colusa, El Dorado, Nevada, Placer, Sacramento, Sierra, Sutter, Yolo, & Yuba.			
RESOURCES BY STATE				
Road Conditions	5-1-1 800-427-7623 sacregion511.org getacross80.com	5-1-1 877-NV-ROADS (877-687-6237) safetravelusa.com/nv/	5-1-1 866-511-UTAH (866-511-8824) utahcommuterlink.com	5-1-1 888-WYD-ROAD (888-996-7623) wyroad.info
Traffic Office	Caltrans District 3 - Marysville Deputy District Director Steve Kirkpatrick 530-741-4318 Chief, Office of Traffic Operations	District 2 - Reno District Engineer - Thor Dyson 775-834-8300 District 3 - Elko Asst. District Engineer - Kevin Lee	Region One - Ogden 801-620-1600 Mon-Thurs 7am-6pm	Headquarters/District 1 - Cheyenne Traffic Engineer - Randy Griesbach 307-745-2100 District 3 - Rock Springs Traffic Engineer - Tory Thomas 307-352-3000

Resources by state:

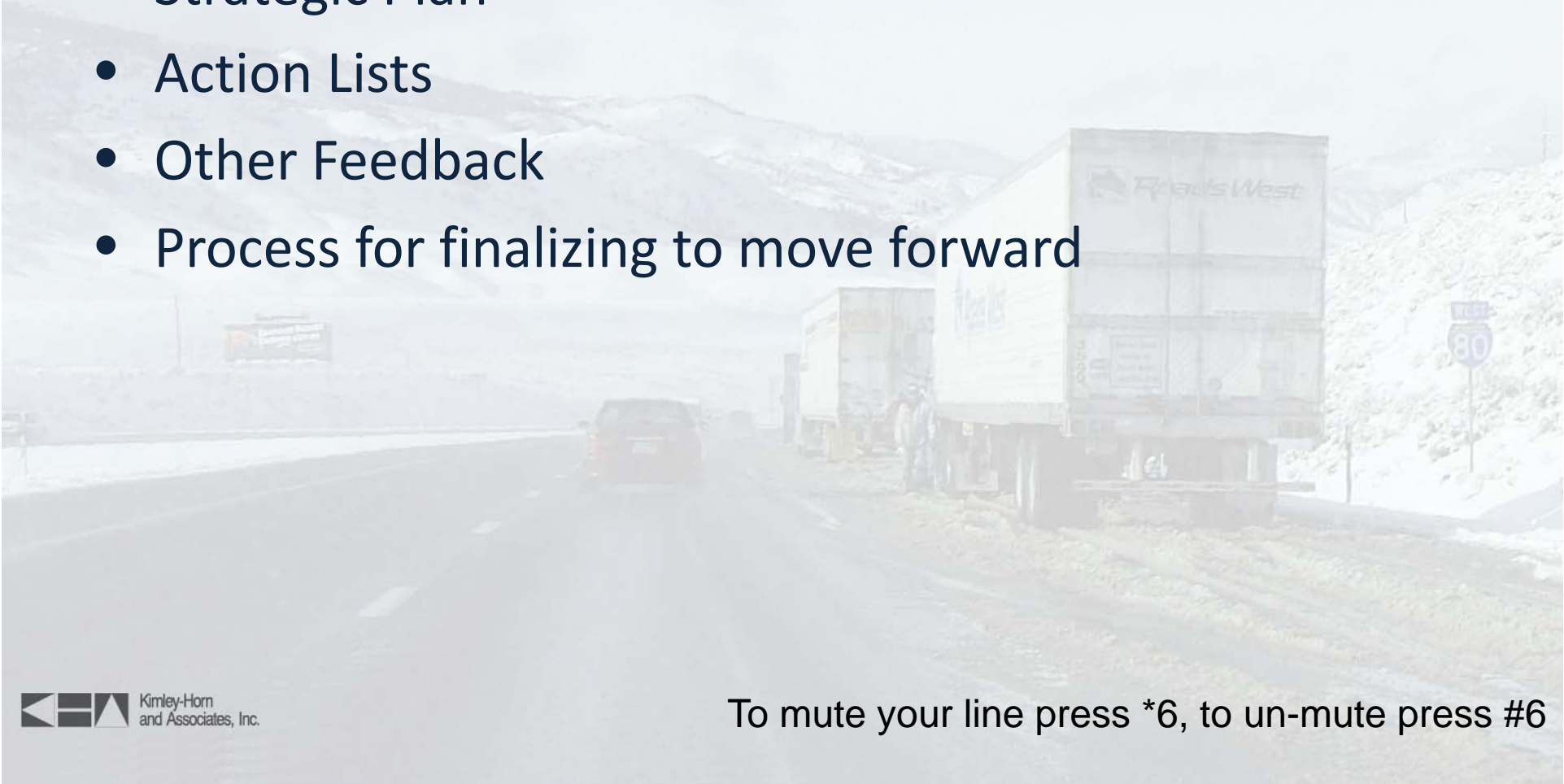
- Road Conditions
- Traffic Office
- TMC
- Maintenance
- State Police
- EOC
- Motorist Assist/Freeway Service Patrol
- Towing
- Tourist Areas
- Trucking Dispatch



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Discussion

- Strategic Plan
- Action Lists
- Other Feedback
- Process for finalizing to move forward





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- **Freight Action Plan**
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Freight Action Plan

- Overview
 - Current freight-focused activities in the corridor
 - DOT issues in corridor
 - I-80 Coalition questions for freight
 - Summary of issues/needs for freight (TBD)
 - Freight/goods movement research
 - Potential contacts
 - Next steps
- Dan Kuhn (UDOT Railroad & Freight Planner)



Dan Kuhn

- UDOT Railroad and Freight Planner
- Freight studies and truck movement studies
- One-on-one interviews with freight industry reps
- Making resources available through I-80 coalition website

Freight on I-80: **Keeping Commerce Moving**

Daniel B. Kuhn
UDOT Railroad & Freight Planner
June 2010



Freight on I-80

I-80 Corridor: More than a Single Highway for Freight

- I-80 is a multi-route corridor for the trucking industry
- I-80 issues impact freight flow on connecting and parallel routes
- I-80 is a major route for time-sensitive, refrigerated/perishable freight



I-80 Corridor: How We Traditionally Think of It

- I-80 Chicago to Sacramento: **2,050**
(distances shown in miles)



I-80 Corridor: The Trucking Industry's View

- The trucking industry views I-80 as a multi-route freight corridor with connecting and parallel routes



I-80 Corridor: Donner Pass Closure (Bakersfield Option)

- I-80 Chicago to Sacramento: 2,050
- I-80 and I-15 Chicago to Sacramento: 2,320



I-80 Corridor: Wyoming Closure (I-70 Option)

- I-80 Chicago to Sacramento: 2,050
- I-80, I-76, I-70, and US-6 Chicago to Sacramento: 2,175



I-80 Corridor: Wyoming Closure (US-40 Option)

- I-80 Chicago to Sacramento: 2,050
- I-80, I-76, and US-40 Chicago to Sacramento: 2,155



Freight on I-80

I-80/I-15 Corridor: The Southern California Connection

- I-80 and I-15
Chicago to
Barstow: **1,979**



I-80/I-15 Corridor: Wyoming Closure (I-70 Option)

- I-80 and I-15 Chicago to Barstow: 1,979
- I-80, I-76, and I-15 Chicago to Barstow: **1,907**



I-80/I-84 Corridor: The Pacific Northwest Connection

- I-80, I-84, I-82, and I-90 Chicago to Seattle: **2,203**
- I-80 and I-84 Chicago to Portland: **2,130**



I-80/I-84 Corridor: US-30 Idaho Alternative

- I-80, I-84, I-82, and I-90 Chicago to Seattle: 2,203
- I-80 and I-84 Chicago to Portland: 2,130
- I-80, I-84, I-82, and I-90 Chicago to Seattle: 2,199
- I-80 and I-84 Chicago to Portland: 2,126



I-80/I-84 Corridor: I-90 Northern Detour

- I-80, I-84, I-82, and I-90 Chicago to Seattle: 2,203
- I-80 and I-84 Chicago to Portland: 2,130
- I-90 Chicago to Seattle: 2,150
- I-90, US-395, and I-84 Chicago to Portland: 2,125



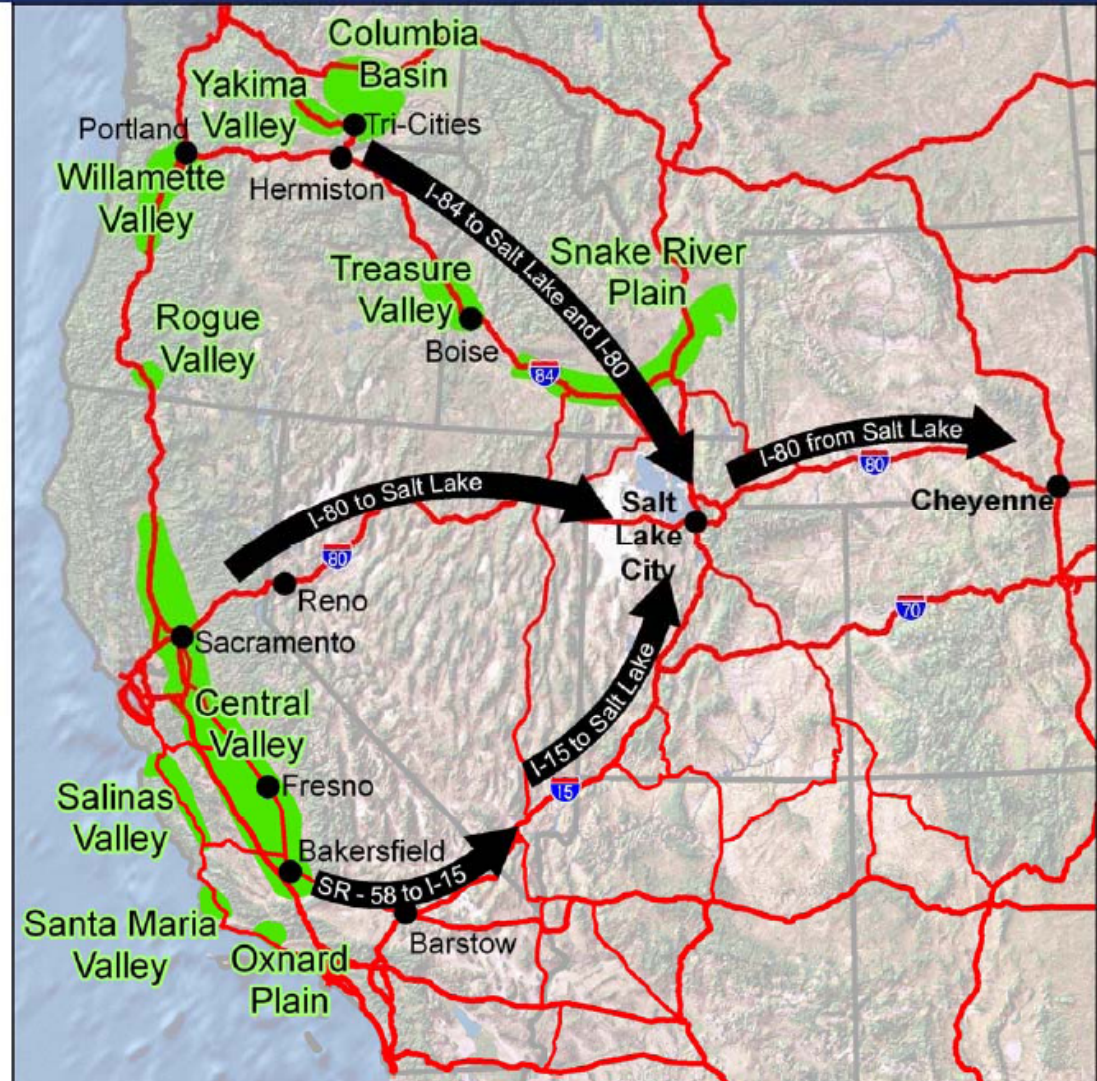
I-80 and I-80/I-15 Corridor: I-40/I-44/I-55 Southern Detour

- I-80 Chicago to Sacramento: 2,050
- I-55, I-44, and I-40 Chicago to Sacramento: 2,430
- I-80 and I-15 Chicago to Barstow: 1,979
- I-80, I-76, I-70 Chicago to Barstow: 1,907
- I-55, I-44, and I-40 Chicago to Barstow: 2,018



I-80 Corridor: Reefer Truck Flow

- Since 1902, Government water projects have transformed the West
- High value, time-sensitive western fruits and vegetables are shipped primarily by reefer truck
- Preliminary data indicates that reefer trucks constitute approximately 25 to 40 percent of total truck traffic on I-80 across the Mountain West



Freight on I-80

I-80 Corridor: Summary

- I-80 is a multi-route corridor for the trucking industry
- I-80 issues impact freight flow on connecting and parallel routes
- I-80 is a major route for time-sensitive, refrigerated/perishable freight



Freight on I-80



Questions?



Daniel B. Kuhn
UDOT Railroad & Freight Planner
801-965-4148
dkuhn@utah.gov



Freight Next Steps

- Freight section on www.i80coalition.com web site
- Consolidate UDOT freight research and information and make available to group
- Supplemental interviews with freight stakeholders
- Freight module at fall workshop



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Current Opportunities

- Rural ITS/IntelliDriveSM Program
- TIGER II Grant/Planning Grant Opportunity
- INRIX – traffic flow available to DOTs



IntelliDriveSM and Road Weather Management

- Project on Integrated Mobile Observing & Dynamic Decision Support – pilot test
- Builds on work already underway through Clarus and MDSS
- Potential opportunity, although not clear on I-80 multistate coalition being eligible



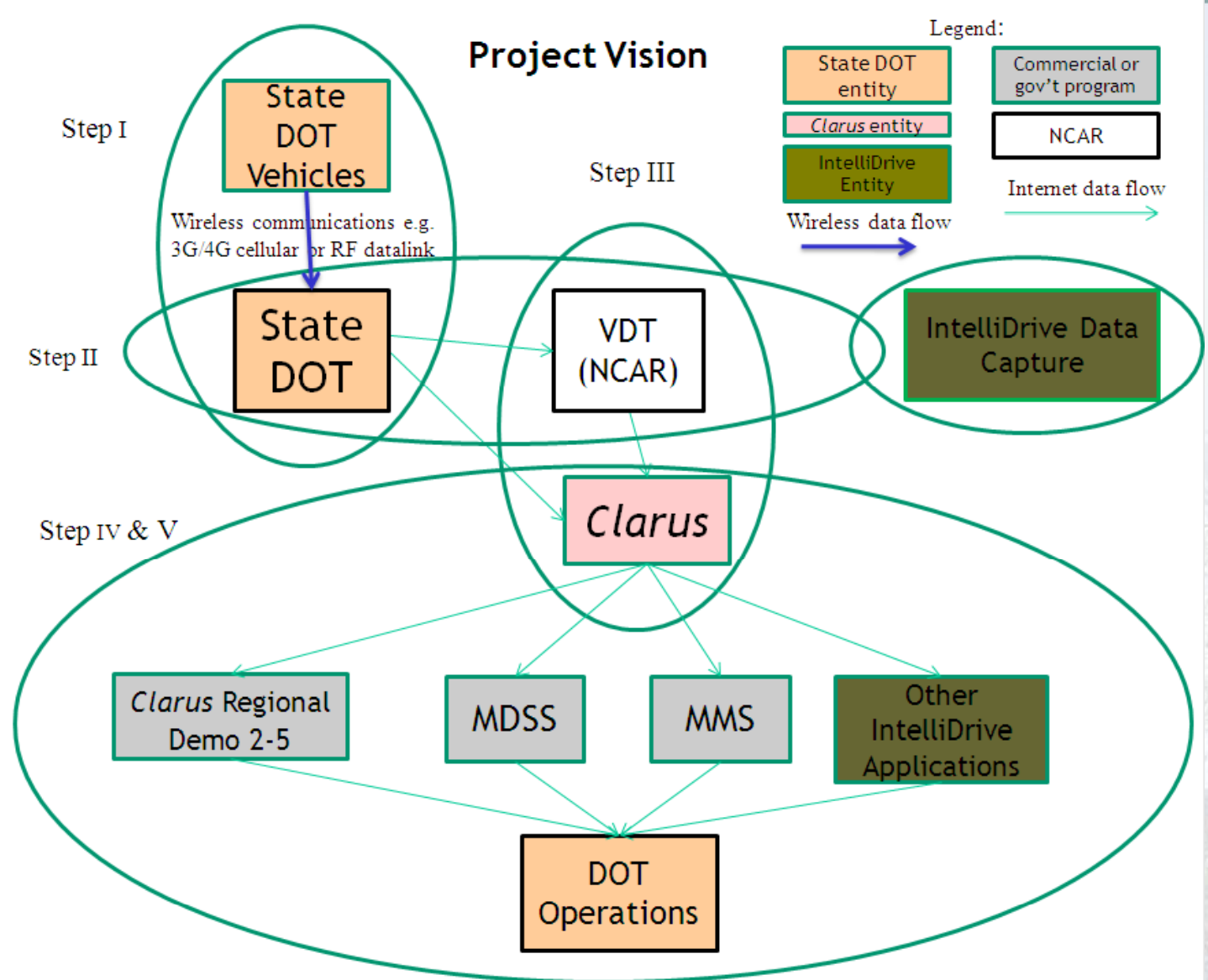
New Project

Integrated Mobile Observing & Dynamic Decision Support Project Objectives

1. Derive data and communications requirements for weather, road condition, and vehicle status variables from mobile platforms (Using State DOT vehicles as the source)
2. Enhance and expand post-processing algorithms to turn the data into useful observations that are tied to existing mesonets (e.g., *Clarus*)
3. Explore the use of these and other observations in weather-related decision support systems.



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IntelliDriveSM Next Steps

- FHWA will work with State DOT(s) to support the collection and processing of the mobile data and the execution of the application
 - Coordination will be via 4 pooled fund studies:
 - Aurora
 - Clear Roads
 - MDSS
 - IntelliDriveSM
 - Nat'l Center for Atmospheric Research (NCAR) will have large role in defining requirements and selecting site
 - Strong Clarus focus
 - Timeframe not yet defined



TIGER II Planning Grant

- Up to \$35M of TIGER II funds
- Pre-application – due July 16
- Full application – due August 23
- Primary criteria
 - Long-term outcomes, economic stimulus (job creation)
- Secondary criteria
 - Innovation, partnership



Potential TIGER II Planning Grant App

- I-80 Concept of Operations
 - Multi-state operations processes
 - I-80 Corridor “Real Time Traveler Info and Forecast Web site (incl. freight focus)
 - Connectivity of TMCs
 - Strategies for accurate truck counts
 - System and integration requirements to enable real-time data sharing, shared operations



TIGER II Next Steps

- Pursue TIGER II Planning Grant (Yes/No)
- Any challenges/obstacles with pursuing?
- If YES:
 - Subcommittee of I-80 to be TIGER II Leads
 - Refine Planning Grant Concepts



INRIX

- Launched a free web-based service enabling Transportation Agencies to view traffic flow conditions nationwide
- Informational Webinar
 - <http://www.inrixtraffic.us/>
 - Thursday, June 10 at 10 AM PDT



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*Proprietary information
has been removed.



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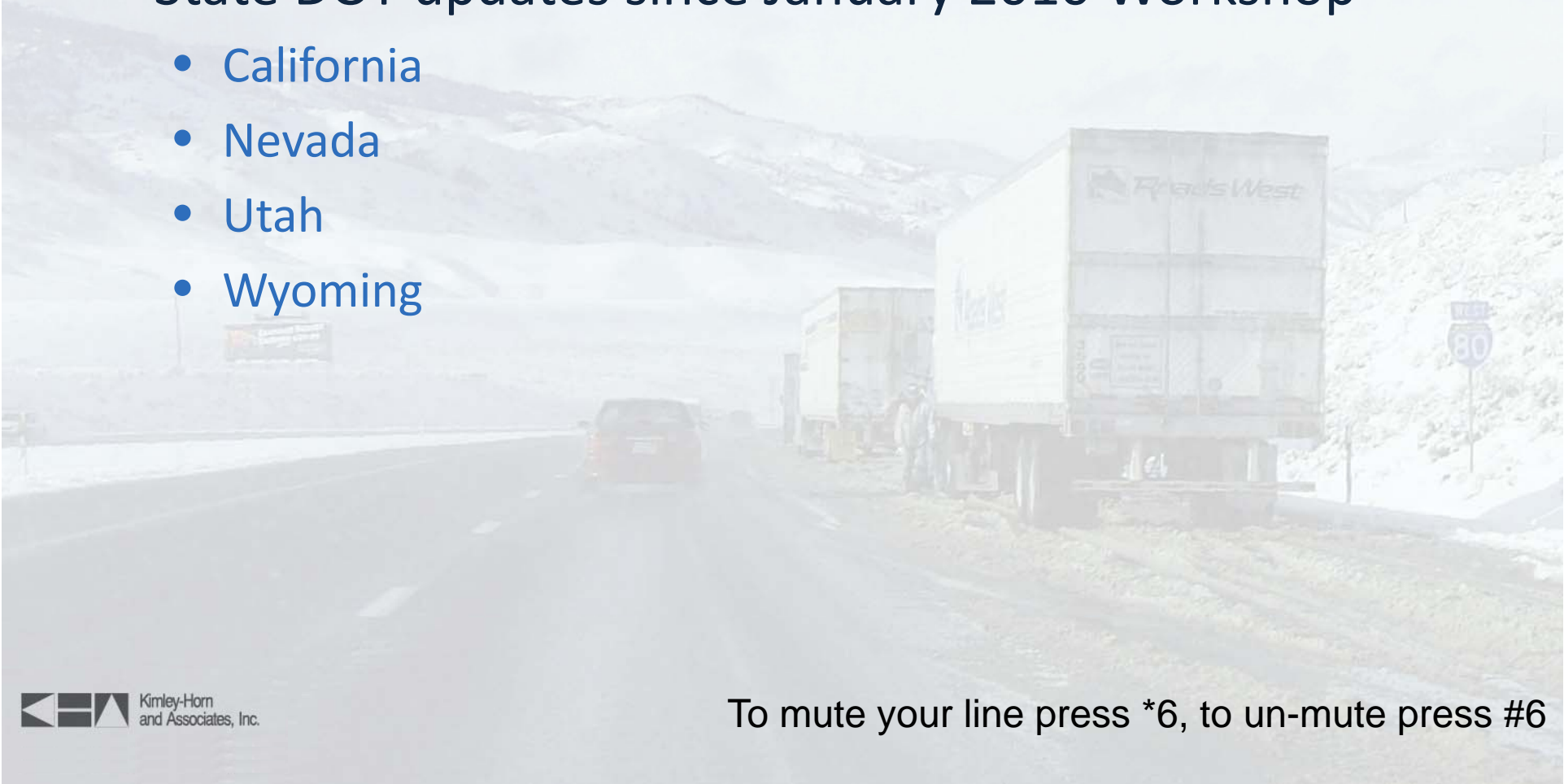
Next Coalition Workshop – Fall 2010

- Logistics/format – same location/timeframe as January workshop
- Potential dates:
 - Tues-Wed, September 28-29, 2010
 - Tues-Wed, October 5-6, 2010
- Workshop Focus
 - Final Strategic Plan
 - Action plan/selected initiatives
 - Updates on funding/grant availability and other opportunities
 - Freight/Goods Movement



Agency Roundtable

- State DOT updates since January 2010 Workshop
 - California
 - Nevada
 - Utah
 - Wyoming





Wrap Up and Next Steps

- Finalize Coalition Strategic Plan
- Freight Action and Coordination Workshop/Meetings
- Develop Communications Plan
- Plan for Fall Workshop



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THANK YOU FOR YOUR PARTICIPATION!

