



WINTER OPERATIONS COALITION

Fall 2011 Workshop

SEPTEMBER 27-28, 2011 – RENO, NEVADA



PREPARED BY



Kimley-Horn
and Associates, Inc.



Weather Training and NWS Demo

- iNWS Chat and NWS Webpage – Rhett Milne, NWS
- Training on how to utilize weather providers/data to develop “impacts” – Ralph Patterson, NarwhalMet



Traveler Information Late March Storm - 2011

I-80 CA/NU LINE
SEMS RESTRICTED
NEXT 24 HRS

I-80 CA/NU LINE
SEMS RESTRICTED
INFO ON 511



Traveler Information

- Current activities, system updates
- Standardizing traveler info message sets across the corridor (DMS, phone, web)
- One Stop Shop Update – Sean Campbell
- 1201 Real-Time System Management Information Program



Traveler Information Statements

WEATHER PHENOMENA	What is the issue?	Where is it? How long?	Action Statement
SNOW AND ICE	Snow Packed Roads	Over Donner Pass	Chains Required
WIND	Strong Cross Winds Gusting 40+	Next 100 MILES	HPV Use Caution
VISIBILITY	Heavy Fog Reduced Visibility	3 MILES Ahead Through Canyon	Turn on Flashers Slow Down to 36mph
RAIN	Standing Water Flooded Roadway Freezing Rain	Next mile Ahead Slick Roads	Reduce Speed Turn Around SLOW DOWN
MAJOR WINTER STORM FORECASTED	Major Winter Storm I-80	8pm TUE-8PM Wed	Plan Accordingly



Weather Related Traveler Information Recommendations:

SNOW PACKED ROADS
NEXT 5 MILES
SLOW TO 35MPH

HIGH CROSS WINDS
GUSTING 40+MPH
I-80 THROUGH 6PM

FLOODED ROAD
AT INTERSECTION
REDUCE SPEED

WATCH FOR
ICY BRIDGES
NEXT 5 MILES

LOW VISIBILITY
1 MILE AHEAD
REDUCE SPEED

- Stay away from WWA
- Discuss impacts with your weather provider
- Be consistent in the methodology...
 - Who is the message for?
 - What is the problem?
 - Where is the problem?
 - How long is it anticipated to last?
 - What do you want the traveler to do?
- Be consistent with the message across TI devices
- Develop a library that the corridor can utilize



Section 1201

- Requirement of SAFETEA-LU for states to establish a real-time system monitoring program
 - Real-time traffic and travel conditions on all major highways
 - Share real-time information among regions and states for congestion mgmt and traveler info
- Technology neutral, approach neutral
- No requirement for disseminating to the public or how that would be accomplished



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Category of Information	Timeliness for Delivery		Availability	Accuracy
	Metropolitan Areas	Non-Metropolitan Areas		
Construction activities: implementing or removing lane closures	10 minutes	20 minutes	90 percent	85 percent
Roadway or lane blocking traffic incident information	10 minutes	20 minutes	90 percent	85 percent
Roadway weather observation updates	20 minutes	20 minutes	90 percent	85 percent
Travel time along highway segments	10 minutes	NA	90 percent	85 percent



Section 1201

- All Interstates within 4 years (November 8, 2014)
- Information to be made available:
 - Construction lanes closures
 - Road- or lane-blocking traffic incidents
 - Hazardous conditions and road or lane closures due to adverse weather
 - Travel times (in Metropolitan areas)
- How are Coalition partners addressing this?