

I-80 Coalition

September 25, 2012

Reno, Nevada

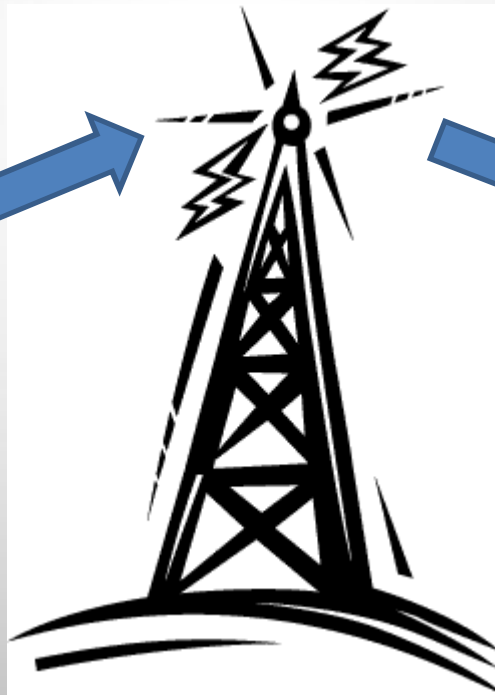
Maintenance

Winter 2011-2012?

- The winter that wasn't
- Very little snow
- Very strong winds
- Winter maintenance budget 27 million
- Expended 21.2 million.
- 6 million under-run was allocated to construction projects.

Maintenance Vehicles

- All plows now equipped with AVL
- System provided by CompassCom
- Plow position and metrics



Freight/CVO's

Freight Planning

- Starting consultant selection process for new State Rail Plan
- Within six months or so, will embark on a State Freight Plan, to be developed concurrently with the rail plan.
- Questions: mark.wingate@wyo.gov

Truck Blowovers

- Closure to Light, High Profile Vehicles (C2LHPV)
- 65 mph gusts or 1 blowover
- 2011-2012 First Full Season
- Hot Spots
 - I-25 Cheyenne to Wheatland
 - I-80 MP 272 - 284

C2LHPV

- Very Strong Wind Year
 - Very few blow-overs/closures on I-25
 - Significant number on I-80



CVOP

- Discussed in detail tomorrow
- Weather forecasts targeted to CVO's

Travel Information

Text-based Travel Information

- Customers
 - Hotels
 - Radio stations
 - Low-bandwidth users
 - etc.

Old Systems

- Format evolved over many years
 - Selection by WYDOT District
 - Selection by City
 - Selection by Route
- No text-based option for construction information
- No direct link to weather sensors or webcams from text-based systems

Old Method (By City)

WYDOT road conditions as of Feb. 21, 2012 10:07am

Conditions for the Laramie area are as follows:

Slick with Snowfall, Blowing Snow:

WY 130 between Centennial and Laramie
...No unnecessary travel advisory in effect.

Slick with Snowfall, Strong Winds, Blowing Snow:

WY 230 between the Colorado State Line and Woods Landing

Slick with Strong Winds, Blowing Snow, Limited Visibility:

WY 230 between Woods Landing and Laramie

Slick in Spots with Snowfall, Strong Winds, Blowing Snow, Limited Visibility:

WY 12 between WY 130 and Mandel Lane

Road Closed:

I-80 between Laramie and Exit 323, Happy Jack Rd

I-80 between Exit 323, Happy Jack Rd and Exit 335, Buford

I-80 between Exit 279, Cooper Cove Rd and Laramie

US 287 between the Colorado State Line and Laramie

US 30/287 between Rock River and WY 34

Seasonal Closure of WY 130 between Mile Marker 48, Eastbound Closure Gate and Mile Marker 35, Westbound Closure Gate

WY 210 between Curt Gowdy State Park and I-80

Slick, Drifted Snow with Snowfall, Blowing Snow, Limited Visibility:

WY 11 between WY 130 and Albany
...No unnecessary travel advisory in effect.

Slick, Drifted Snow with Strong Winds, Blowing Snow, Limited Visibility:

WY 130 between Mile Marker 35, Westbound Closure Gate and Centennial
...No unnecessary travel advisory in effect.

Slick in Spots, Drifted Snow with Blowing Snow:

WY 34 between Bosler and the Platte/Albany Cty Line

Slick in Spots, Drifted Snow with Strong Winds, Blowing Snow, Limited Visibility:

US 30/287 between WY 34 and Laramie

Old Method (By District)

Eastbound I-80 between MP 345.24 and MP 348.9 : 55 MPH
 Eastbound I-80 between MP 345.9 and MP 349.15 : 55 MPH
 Eastbound I-80 between MP 349.15 and MP 353.45 : 55 MPH

<p>I-80 between Rawlins and Creston Junction: Slick in spots</p>	<p>I-80 between Laramie and the Carbon/Albany County line: Wet to slick in spots, Strong Winds, Blowing snow No Light Trailers. EASTBOUND CLOSED DUE TO WINTER CONDITIONS</p>	<p>I-80 between the Albany/Laramie County Line and Exit 348, Otto Rd.: ROAD CLOSED DUE TO WINTER CONDITIONS</p>
<p>I-80 between Rawlins and Walcott Junction: Wet to slick in spots, Strong Winds, Blowing snow No Light Trailers. EASTBOUND CLOSED DUE TO WINTER CONDITIONS</p>	<p>I-80 between Laramie and Happy Jack Summit Interchange: ROAD CLOSED DUE TO WINTER CONDITIONS</p>	<p>I-80 between Cheyenne and Exit 348, Otto Rd.: ROAD CLOSED DUE TO WINTER CONDITIONS</p>
<p>I-80 between Elk Mountain and Walcott Junction: Wet to slick in spots, Strong Winds, Blowing snow No Light Trailers. EASTBOUND CLOSED DUE TO WINTER CONDITIONS</p>	<p>I-80 between Happy Jack Summit Interchange and the Albany/Laramie County Line: ROAD CLOSED DUE TO WINTER CONDITIONS</p>	<p>I-80 between Cheyenne and Hillsdale Exit 377: Dry</p>
<p>I-80 between Elk Mountain and Exit 267: Wet to slick in spots, Strong Winds, Blowing snow No Light Trailers. EASTBOUND CLOSED DUE TO WINTER CONDITIONS</p>		<p>I-80 between Pine Bluffs and Hillsdale Exit 377: Dry</p>
<p>I-80 between Arlington and Exit 267: Slick, Strong Winds, Blowing snow, Limited visibility No Light Trailers.</p>		<p>I-80 between Pine Bluffs and Nebraska: Dry</p>

New Method

- Formatted data (columns)
 - FHWA Guidelines
- Colors added to indicate severity
 - Concept developed by Utah
- Users able to select based on:
 - Route
 - District
 - City











Impact Levels

- Four impact levels

Impact Levels	Description / Recommended Action
Low	Minimal impacts expected, use general caution.
Moderate	Some impacts expected, use extra caution. Stay alert for changing road and weather conditions.
High	Dangerous impacts expected, use extreme caution, delay travel or consider alternate route. If travel is necessary, slow down and allow extra time.
CLOSED	Per W.S. 24-1-109 , motorists traveling on a closed road without permission from WYDOT or WHP may be subject to a fine of up to \$750 and/or up to 30 days imprisonment.
All travelers are encouraged to check present conditions and forecasts before departing.	

New Method

Conditions for the Cheyenne area are as follows:

Route	Location	Surface Conditions	Atmospheric Conditions	Advisories	Last Report Time	Cameras	Sensors
I 25	Between the Colorado State Line and Cheyenne	Slick in Spots	No Report	TEST	Feb 21, 2012 02:21 pm		
I 25	Between Cheyenne and Exit 29, Whitaker Rd	Slick, Drifted Snow	Strong Winds, Blowing Snow, Limited Visibility	TEST	Feb 21, 2012 02:21 pm		
I 80	Between Exit 335, Buford and Exit 348, Otto Rd	Road Closed Due To Winter Conditions			Feb 21, 2012 02:21 pm		
I 80	Between Exit 348, Otto Rd and Cheyenne	Road Closed Due To Winter Conditions			Feb 21, 2012 02:21 pm		
I 80	Between Cheyenne and Exit 377, WY 217	Dry	No Report	TEST	Feb 21, 2012 02:21 pm		
US 30	Between I-80 Exit 335, Buford and I-80 Exit 348, Otto Rd	Road Closed Due To Winter Conditions			Feb 21, 2012 02:21 pm		
US 30	Between I-80 Exit 348, Otto Rd and Cheyenne	Road Closed Due To Winter Conditions			Feb 21, 2012 02:21 pm		
US 30	Between Cheyenne and I-80 Exit 377, WY 217	Dry	No Report	TEST	Feb 21, 2012 02:21 pm		
US 85	Between the Colorado State Line and Cheyenne	Wet, Slick in Spots	Blowing Snow	None	Feb 21, 2012 02:21 pm		
US 85	Between Cheyenne and Meriden	Slick in Spots	Blowing Snow	MESSAGE	Feb 21, 2012 02:21 pm		
US 87	Between the Colorado State Line and Cheyenne	Slick in Spots	No Report	TEST	Feb 21, 2012 02:21 pm		
US 87	Between Cheyenne and I-25 Exit 29, Whitaker Rd	Slick, Drifted Snow	Strong Winds, Blowing Snow, Limited Visibility	TEST	Feb 21, 2012 02:21 pm		
WY 210	Between Cheyenne and Mile Marker 16, County Rd 100, Table Mts. Rd	Slick in Spots	Blowing Snow	None	Feb 21, 2012 02:21 pm		

Responsive Web Design

Route	Location	Conditions	Advisories	Last Report Time	Cameras	Sensors
I 25 / US 87	Between the Colorado State Line and Cheyenne	Dry	None	Sep 24, 2012 06:07 am		
	Between Cheyenne and ... Rd					
I 80 / US 30	Between Exit 335, Buffalo Rd					
	Between Exit 348, Otter Creek Rd					
	Between Cheyenne and ...					
US 85	Between the Colorado State Line and Cheyenne			Sep 24, 2012 06:07 am		
	Between Cheyenne and ...					
WY 210	Between Cheyenne and County Rd 109, Table Mtn Rd					
	Between Mile Marker 1 and Table Mtn Rd and Cur					
WY 211	Between WY 219, Yellowstone and Chugwater			Sep 24, 2012 06:07 am		

I 25 / US 87	
Location	Between the Colorado State Line and Cheyenne
Conditions	Dry
Advisories	None
Last Report Time	Sep 24, 2012 06:07 am
Cameras	
Sensors	
Location	Between Cheyenne and Exit 29, Whitaker Rd
Conditions	Dry
Advisories	None
Last Report Time	Sep 24, 2012 06:07 am
Cameras	
Sensors	

Travel Information Trip Generators

Trip Generators

- University of Wyoming Sporting Events
 - One University in Wyoming
 - People travel 300 miles to attend football, basketball, wrestling, volleyball games
 - Many events scheduled during peak storm season
- Casper Events Center
 - State Tournaments
 - Plays, Concerts, Etc.

Site Specific Travel Information

