

**Transportation Commission of Colorado
Safety Committee Meeting Agenda
April 20, 2016 @ TBD
4201 East Arkansas Avenue; Auditorium
Denver, Colorado**

**Darrell Lingk
Director,
Office of Transportation Safety**

**Herman Stockinger
Secretary**

**Kathy Connell, Chair
District 6, Steamboat Springs**

**Steve Hofmeister
District 11, Haxtun**

**Heather Barry
District 4, Westminster**

**Sidny Zink,
District 8, Durango**

THE AGENDA MAY BE ALTERED AT THE CHAIRMAN'S DISCRETION

- 1. Call to Order and Roll Call**
- 2. Discuss & Act on Safety Committee Minutes of November 19, 2015**
- 3. Loss History (Excellence In Safety Update) – Questions**
- 4. Annual Highway Safety Statistics – Questions**



COLORADO
Transportation Commission

4201 East Arkansas Avenue, Room270
Denver, CO 80222-3406

DATE: April 20, 2016
TO: Transportation Commission
FROM: Darrell Lingk, Director, Office of Transportation Safety and Risk Management
SUBJECT: Safety Committee Meeting

Purpose

Update the Safety Committee on our Loss History (Excellence In Safety Process) and our Annual Highway Safety Statistics (Fatalities and Serious Injury Crashes)

Action

Information only

Background

Not Applicable

Details

The enclosed Loss History Charts are intended to provide an overview of CDOT's Workers compensation, Lost time and Auto/Property damage claim comparisons. The loss history shows the impact that the "Excellence In Safety" process is having on reducing the overall numbers of these types of losses over time.

The second item on the agenda will be to answer any questions Committee Members may have regarding the trends in Colorado's fatalities and injury crashes. Several charts have been provided to show these trends in various categories. Some of these categories include: Fatalities by areas of the state / county , etc..

Key Benefits (if applicable)

Not Applicable

Options and Recommendations (if applicable)

Not Applicable

Next Steps (if applicable)

Not Applicable

Attachments



TRANSPORTATION COMMISSION OF COLORADO
SAFETY COMMITTEE MEETING MINUTES
November 18th, 2015

The meeting was called to order by Commissioner Hofmeister at 4:30 p.m. on Wednesday November 18th, 2015 in the auditorium of the CDOT Headquarters building at 4201 East Arkansas Avenue, Denver, Colorado.

PRESENT WERE: Commissioner Steven Hofmeister, District 11
Commissioner Sidney Zink, District 8

ALSO PRESENT: Commissioner Kathy Hall, District 7
Darrell Lingk, Director of OTS
Shailen Bhatt, CDOT Executive Director
Herman Stockinger, Director, Government Relations

AND: Other CDOT & State Staff

One audiotape and supporting documentation is filed in the Transportation Commission office.

July 15th, 2015 Transportation Commission of Colorado Safety Committee Meeting Minutes

Darrell Lingk noted there was no assigned chair for this meeting of the Safety Committee.

Loss History (Excellence in Safety Update)

Office of Transportation Safety Director Darrell Lingk gave a 5 minute presentation. Darrell presented 4 loss history graphs that showed how we did in Fiscal Year 2015 compared to an average of the 4 years prior to that for: Auto Liability, Property Damage, Worker's Compensation Claims and Worker's Compensation Lost Time Claims. Auto Liability Accidents have gone up and Darrell noted that we are taking steps to try to bring them down.

Commissioner Hofmeister asked, "Is that CDOT owned vehicles?" Darrell answered yes, these are CDOT owned vehicles that either hit a fixed object or get hit by a member of the public. The Commissioner then asked, "So it's not like we are throwing gravel at them off a plow." Darrell answered no; that is not this type of incident.

Worker's Compensation claims have gone down every year for the last 4 years. This year was the first time in history we have ever had fewer than 300 claims. We have also gone down 21% in Lost Time Claims. Darrell believes this shows that our Excellence in Safety Program is having a positive impact. Darrell then presented the same four graphs showing just the 1st quarter of FY 2016. Work Comp claims are 33% lower, Lost Time claims are down 46%.

Commissioner Hall commented and said, “We hope that trend continues.”

Darrell closed and introduced Sam Cole from the Public Relations office.

Public Relations Update

CDOT Safety Communications Manager Sam Cole delivered a 10 minute update on the latest highway safety media campaigns.

Sam presented a slide show and gave a “deep dive” into the Alcohol Impaired Driving Campaign. Sam showed the “A few can still be dangerous” television ads featuring “Chainsaws” with children and “Tarantulas” in an apartment. The need for this campaign was reinforced by a survey resulting in 70% of the target demographic (21 - 34 year old males) thinking they were safe to drive after 1 or 2 drinks. He also showed the print ads that have gone up in local bar bathrooms featuring a woman on a raft drinking Chardonnay with sharks swimming below her and a man sitting on a dock with his feet in the water by Crocodiles.

Commissioner Hall asked if the shark ad was placed in the women’s restroom because they are the ones who drink Chardonnay. Sam agreed and said she should be on the team.

Sam also presented the breathalyzer testing events designed to drive home the point that many people think they are ok to drive when they actually are not. Sam showed the Alcohoot personal breathalyzer device to the room. Alcohoot partnered with CDOT for an awareness event and donated 150 breathalyzer units. Sam showed a video of when this event was brought out to the bars, resulting in 75 people trying the device and testing their BAC. Many were shocked by the results. Uber was also a partner on this event. The event created over \$100,000 worth of earned media.

Commissioner Hall asked, “Are you focusing this mostly in metro Denver?”

Sam answered no this is statewide. Commissioner Hall is curious because she hasn’t seen any of this before on the Western slope. “Rural communities need some of this the most – are you bringing it there?” Sam answered, yes we are. Commissioner Hall liked the breathalyzer idea.

Darrell thanked Sam and introduced Ty Ortiz.

CDOT Rock Fall/Geohazards Report

Ty Ortiz gave a 10 minute update on CDOT’s Geohazards Program.

Ty asked if there are any questions about the rock fall incident that occurred a couple of nights ago on Highway 9 just above Green Mountain Reservoir and there were none. He went on to explain that CDOT is working to get that cleared up to get traffic back onto the highway which is currently at one lane.

Ty focused on 2 main points during his presentation. Remote sensing was the first. Ty explained how remote sensing gives us the ability to be proactive. We can get aerial photographs and turn them into 3D models so that you can then compare the photos and look for changes. Ty showed slides of a section of I-70 where you can see an area that has fallen by comparing these types of 3D pictures. He also showed an area on Tennessee Pass where you can see areas that have moved. He reiterated that this is still new technology so we are the beta testers.

Ty then moved on to his second main point – funding Corridor Mitigation. He reminded that we are no longer just a rock fall program. We evaluate a full list of geohazards, including: landslides, debris flow, sinkholes, rock slides, and embankment failures. He explained that rock fall is smaller mitigation but when dealing with landslides we are looking at a much larger type of mitigation. Ty shows a Hwy 50 landslide and gives breakdown of how the costing and budgeting plays out in a scenario like that, including how funding is falling short. He explained that we need to get ahead of the curve and be proactive with a complete corridor design and present the choice to the asset managers, or the Transportation Commission, on how we should proceed. We are not going to be able to support our mitigation needs with the current 9 million a year allocation.

Commissioner Hall jokes, “Well it just looks like to me that all that money should go to engineering in Region 3.”

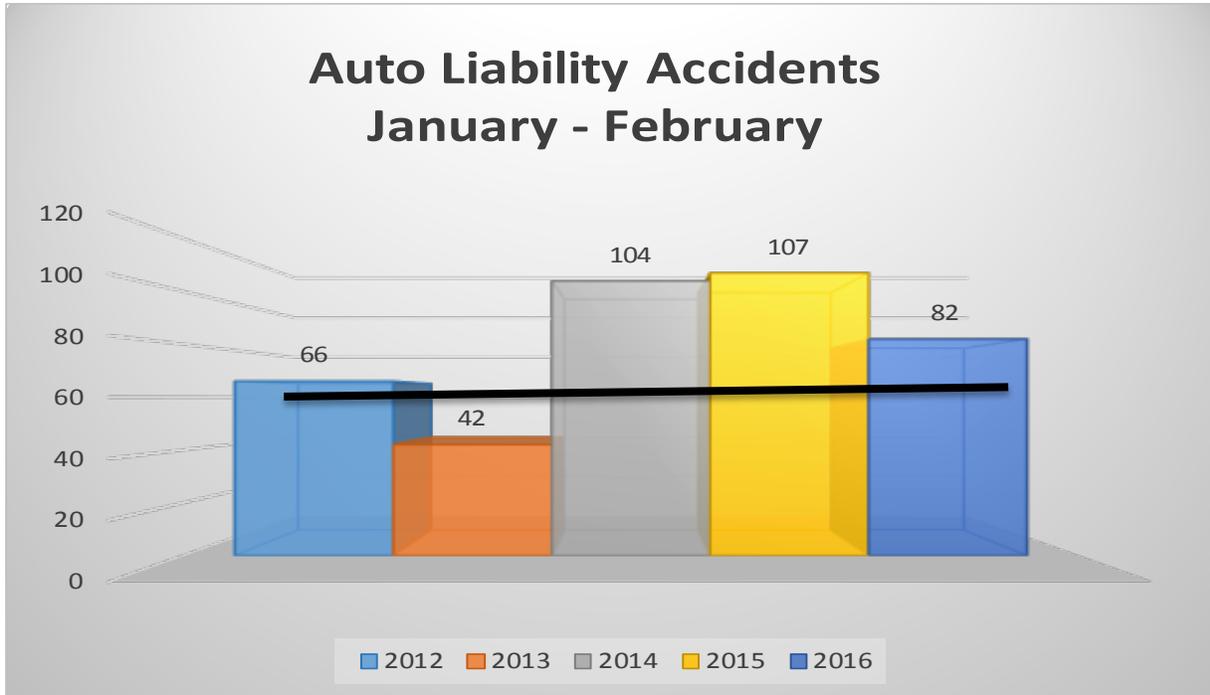
Darrell thanked Ty and closed the Safety presentation.

Other Matters and Adjournment

And there being no further matters to discuss, the meeting adjourned at 4:55 p.m. on Wednesday, November 18th, 2015.

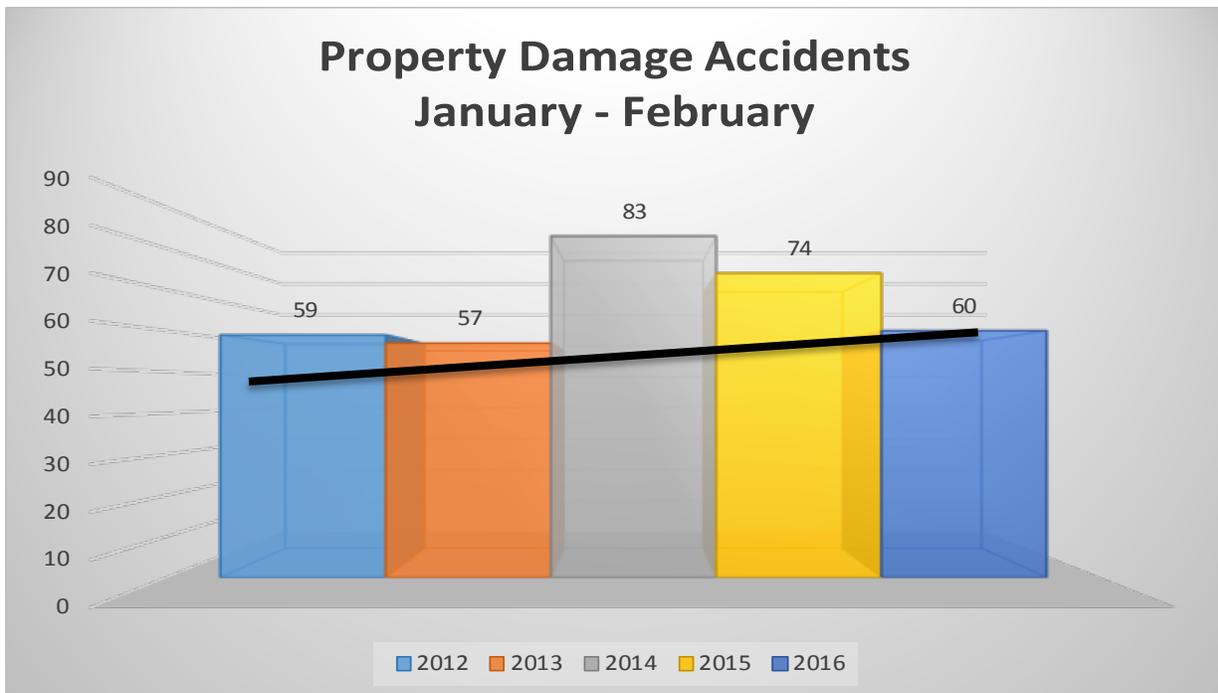
Herman Stockinger, Secretary
Transportation Commission of Colorado

Total Number of Claims For January and February



Average Jan-Feb 2012 – 2015 = 78 Auto Liability Claims

5% decrease for calendar year 2016 compared to mean average of 2012 - 2015

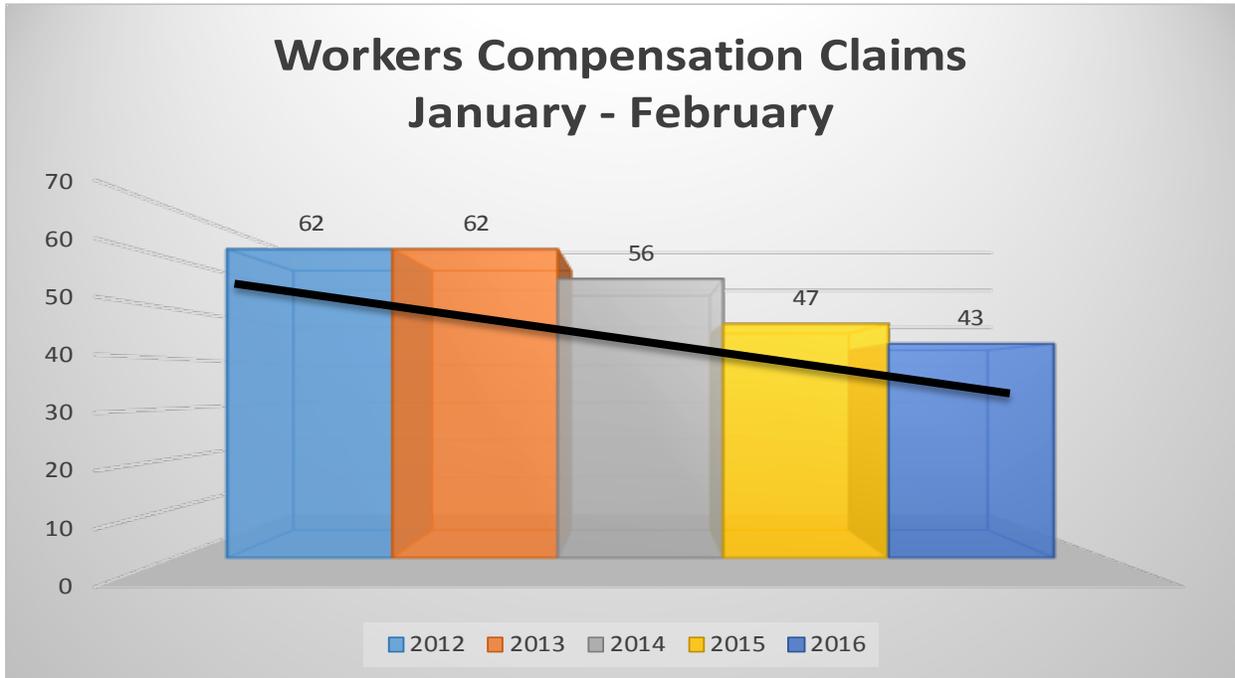


Average Jan-Feb 2012 – 2015 = 68 Property Damage Claims

12% decrease for calendar year 2016 compared to mean average of 2012 - 2015

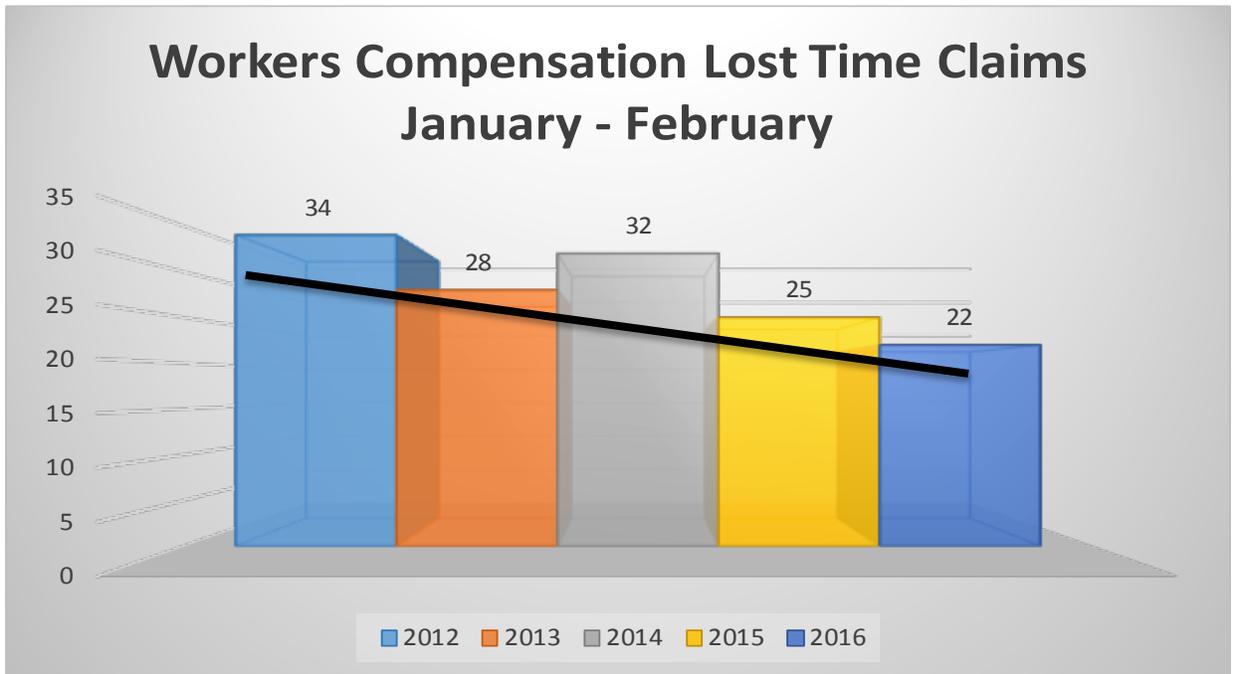
*Claims valued as of March 31, 2016. Number is subject to change due to late reporting.

Total Number of Claims For January and February



Average Jan-Feb 2012 – 2015 = 57
Workers Compensation Claims

25% decrease for calendar year 2016
compared to mean average of 2012 -
2015



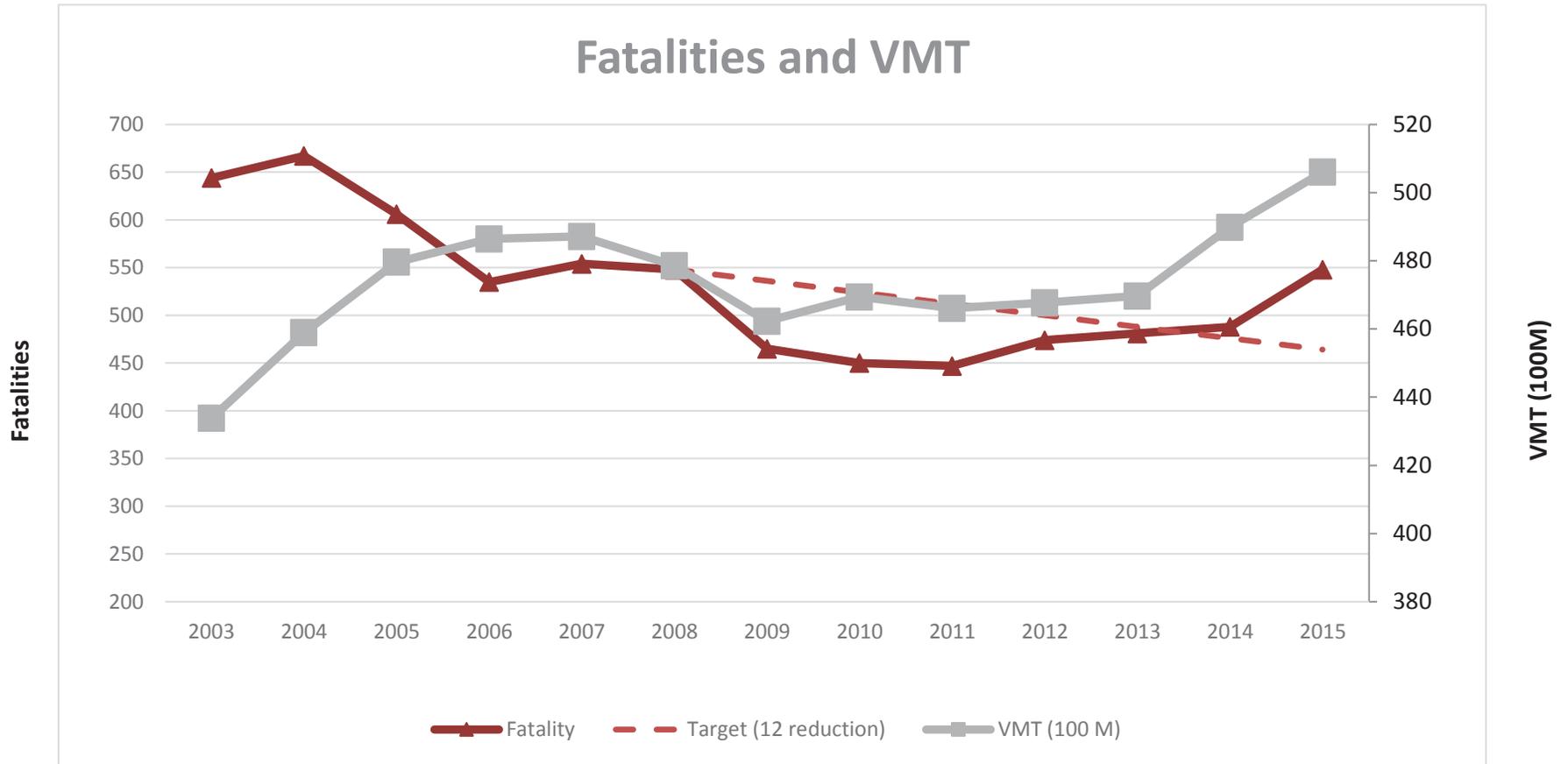
Average Jan-Feb 2012 – 2015 = 30 Workers
Compensation Lost Time Claims

27% decrease for calendar year 2016
compared to mean average of 2012 - 2015

*Claims valued as of March 31, 2016. Number is subject to change due to late reporting.



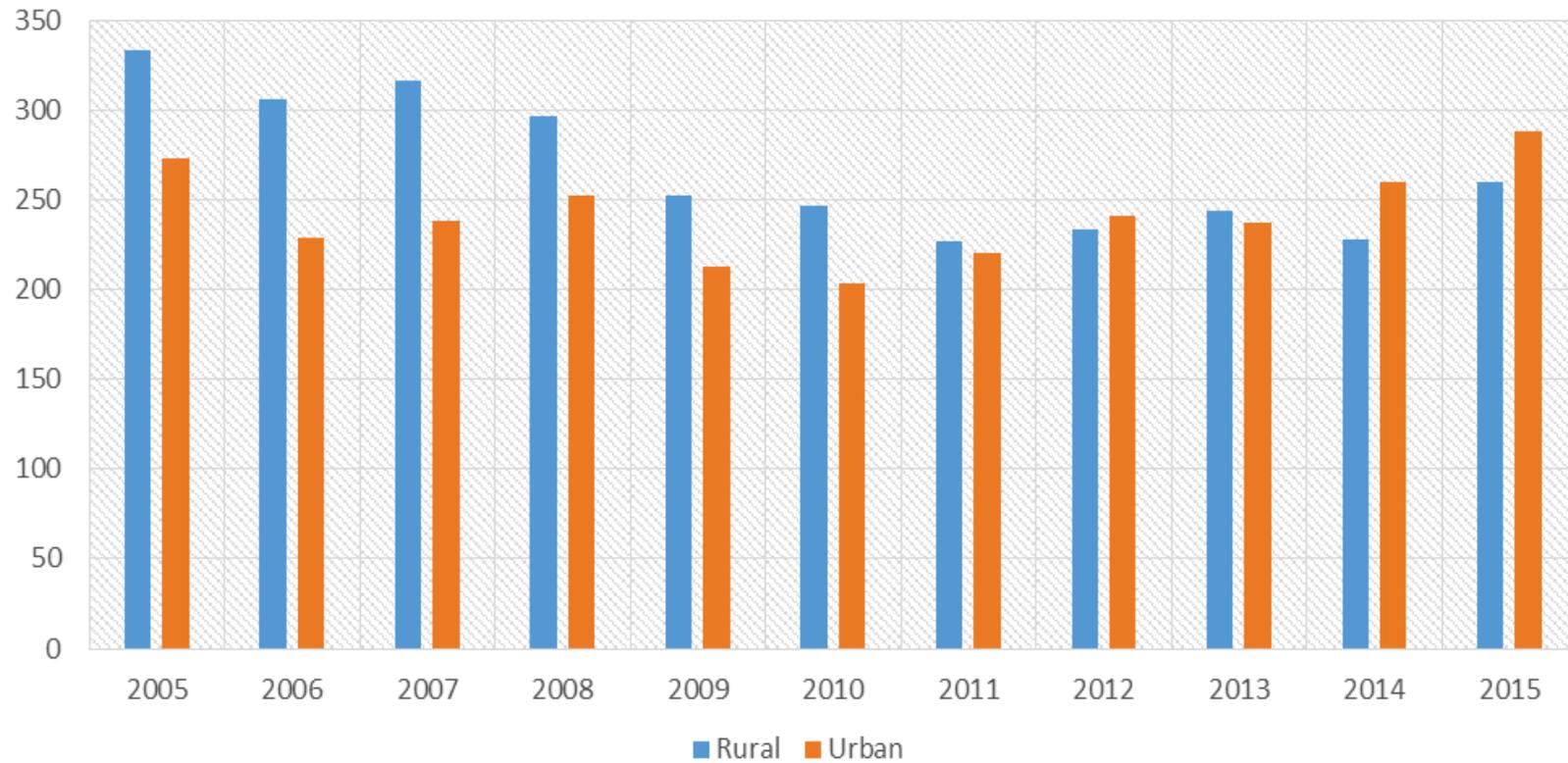
Fatalities and VMT



MOVING TOWARDS
ZERO
DEATHS

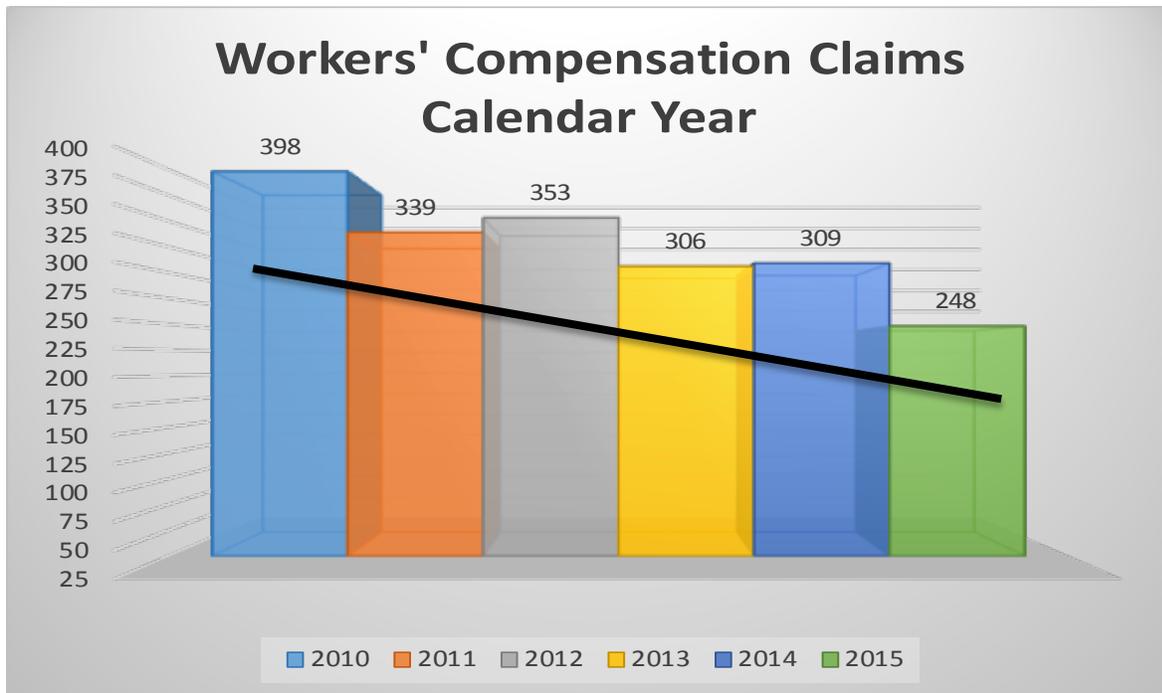


Colorado Fatalities by Urban & Rural (2010 - 2015)



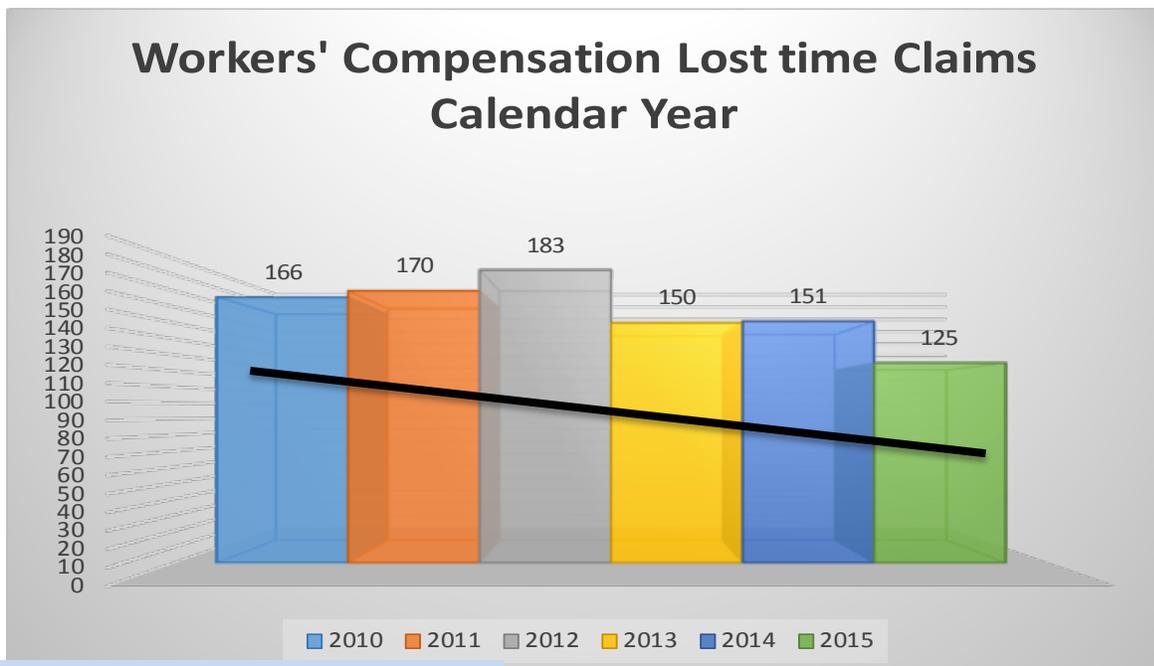
MOVING TOWARDS
ZERO
DEATHS

Total Number of Claims By Calendar Year



Average Claims per Calendar Year Prior to EIS Implementation 2010 – 2012 = 363 WC Claims

32% decrease for calendar year 2015 compared to claim average of 2010 - 2012



Average Claims per Calendar Year Prior to EIS Implementation 2010 – 2012 = 173 WC Lost Time Claims

28% decrease for calendar year 2015 compared to claim average of 2010 - 2012

*Claims value for the most recent calendar year are as of January 7, 2016. Number is subject to change due to late reporting.



COLORADO

Department of Transportation

Division of Project Support

Transportation Commission of Colorado - Geohazards Program Update - May 2016

Current Projects:

FY 16: (R2) I-25 Raton Pass - In design phase, advertisement expected this spring,

FY 16: (R3) US 50 "Sand Dome Slide" - Advertised winter 2016,

FY 17: (R1) US 6 Clear Creek Canyon - Corridor Feasibility being performed,

FY 17: (R2) US 24 Ute Canyon - In design phase,

FY 17: (R3) I-70 DeBeque Canyon - Feasibility Study complete.

Glenwood Canyon Rockslide:

On February 15 a large rockslide closed I-70 through Glenwood Canyon. The highway was closed in both direction for about 4 days following the slide for slope mitigation to remove loose boulders posing an imminent threat to the highway. A long term mitigation plan is during being developed.

The Geohazard Presentation will an overview of the slide, the mitigation needed before opening the highway and the proposed long term mitigation.





Glenwood Canyon Rockslide

February 16, 2016 – Affect of second slide



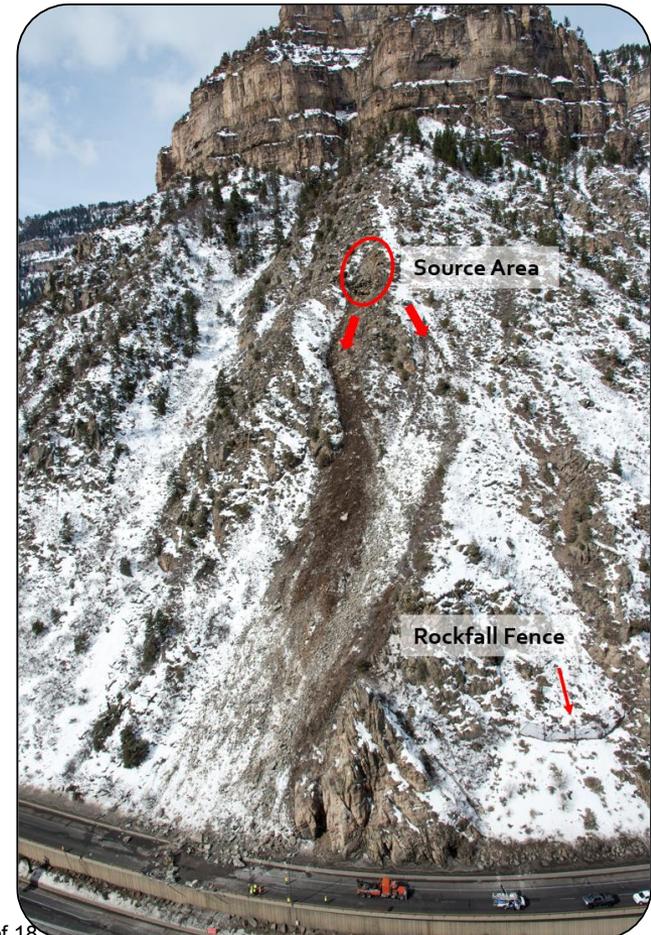


Glenwood Canyon Rockslide

October 2014



February 2016





Glenwood Canyon Rockslide

October 2014



February 2016





Glenwood Canyon Rockslide

Area of largest concern





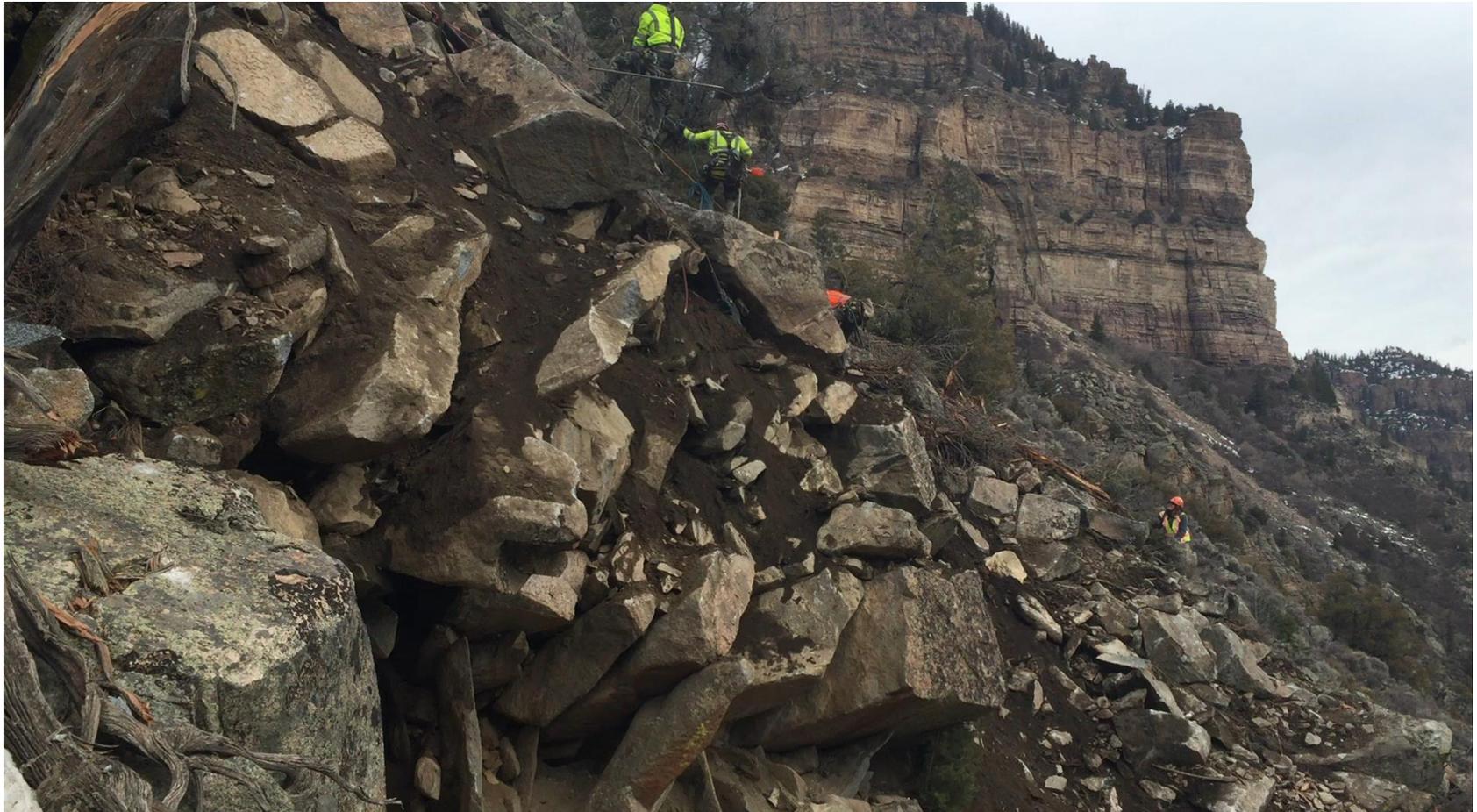
Glenwood Canyon Rockslide

Area of largest concern





Glenwood Canyon Rockslide





Glenwood Canyon Rockslide

Proposed Mitigation

