



HELPING DRIVERS GET HOME SAFELY



I-80 in WY is a major corridor for east-west freight movement in the U.S., with very few alternate routes and all located above 6,000 feet in elevation. Truck volume can make up as much as 70% of the traffic stream.

CHALLENGES



HIGH LIKELIHOOD OF DANGEROUS DRIVING CONDITIONS

- Ice and snow-covered roads
- Heavy fog and blowing snow
- High wind events
- Presence of work zones

CONSEQUENCES

IN 1 YEAR PERIOD ALONE



700
COMMERCIAL
VEHICLE
ACCIDENTS



906
NON-COMMERCIAL
VEHICLE
ACCIDENTS



1,552
HOURS
ROAD
CLOSURES

1600+ CRASHES IN 1 YEAR



18
FATALITIES



271
INJURIES



1,317
PROPERTY
DAMAGE

COST TO SOCIETY IN 1 YEAR



\$865.3
MILLION

WYDOT is using connectivity between vehicles and infrastructure to better inform travelers on I-80.

WHAT DOES CONNECTIVITY MEAN?

EN-ROUTE HAZARD AWARENESS

Using Dedicated Short Range Communication (DSRC) capability between vehicles and roadside infrastructure to provide new applications to support driver awareness.



VEHICLE TO VEHICLE

- Forward collision warning
- Distress notification

VEHICLE TO INFRASTRUCTURE

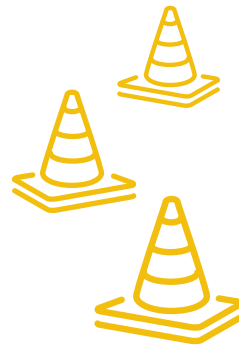
- Alerts and advisories
- Road weather warnings
- Work zone warnings

WHAT DOES THIS MEAN FOR YOU?



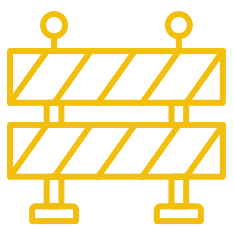
PLAN YOUR TRIP BETTER

- Road closures
- Road weather forecasts
- Restrictions



KNOW WHAT IS AHEAD ON THE ROAD

- Crash reported ahead
- Slow moving snow plow or vehicle stopped ahead
- Work zone
- Reduce speed ahead
- Road conditions



MAKE BETTER DECISIONS WHILE DRIVING

- Parking and detours
- Reduce speed
- Stop safely

GOAL

Reduce crashes and crash severity on I-80.

Learn more about the future of safer driving: dot-cvpilot@wyo.gov