



**COLORADO**

Department of  
Transportation



**Western Places/Western Spaces  
Creating Inclusive Communities  
Shailen P. Bhatt, Executive Director  
March 16, 2017**



# What Does CDOT Do

## CDOT RESPONSIBILITIES

ADMINISTERS  
**\$208**  
MILLION  
EACH YEAR IN FEDERAL  
**GRANTS**

**3,454**  
  
**BRIDGES**

**CDOT**  
MAINTAINS & OPERATES  
**23,000**  
  
**TOTAL**  
LANE MILES  
OF HIGHWAY

  
**DIVISION OF  
TRANSIT  
AND RAIL**  
ADMINISTERS FED/STATE  
GRANTS AND OPERATES  
BUSTANG

**6.1** MILLION  
MILES  
PLOWED  
OF SNOW PER YEAR 

  
**35** MOUNTAIN  
PASSES  
OPEN YEAR-ROUND

**AIRPORT**  
PLANNING  
INTERFACE WITH FAA 

Source: Colorado Department of Transportation, 2014

# Purpose

To save lives and make lives better by providing freedom, connection and experience through travel.



2017

## Values

Safety, people, integrity, customer service, excellence and respect are at the heart of all that we do.

## Summit

The best DOT in the country for all customers by focusing on our people, leading-edge technology and a healthy multi-modal system.

## Peaks

## Base Camps

### Technology

Help Our People with Technology

Big Data

Improve Travel Experience with Technology

### People

Internal Customer Focus

Develop Leaders

### System

Asset Condition

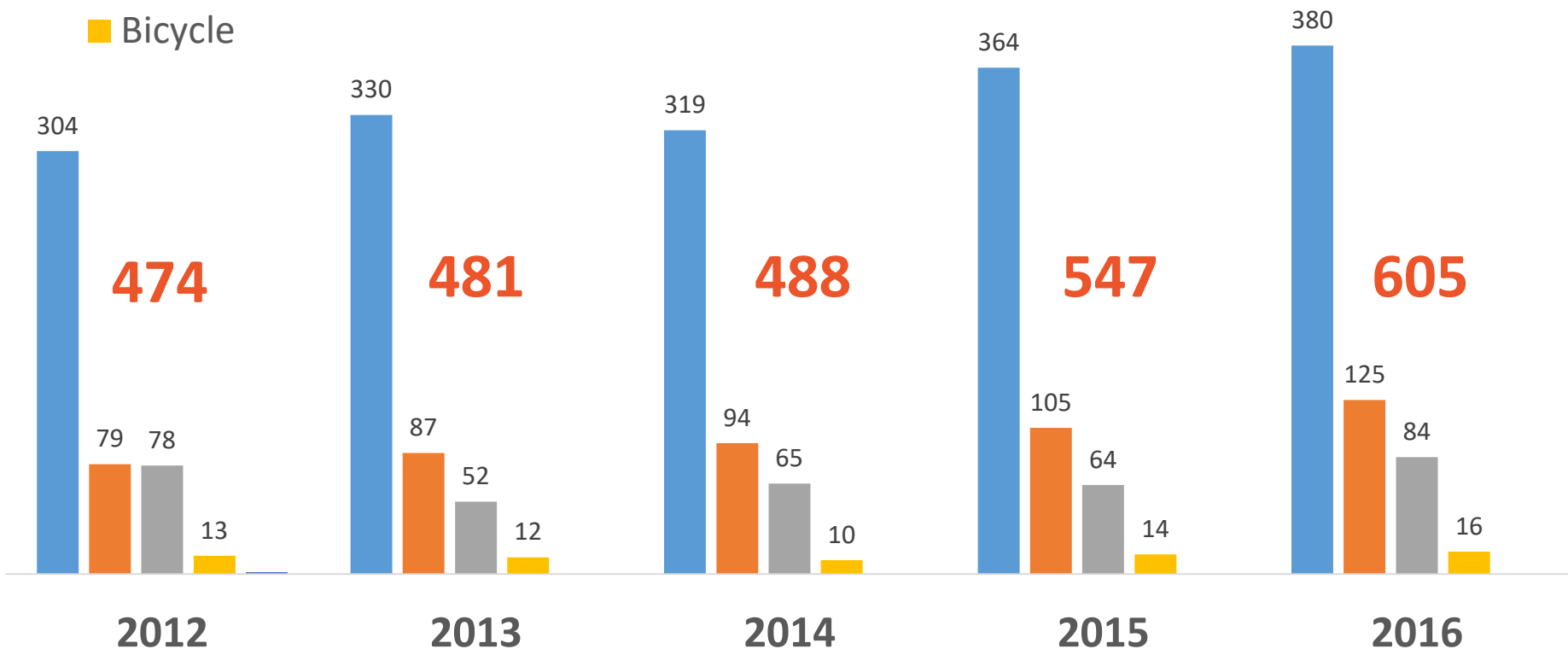
Improve Customer Experience

3



- Motor Vehicle
- Motorcycle
- Pedestrian
- Bicycle

## Total Annual Fatalities



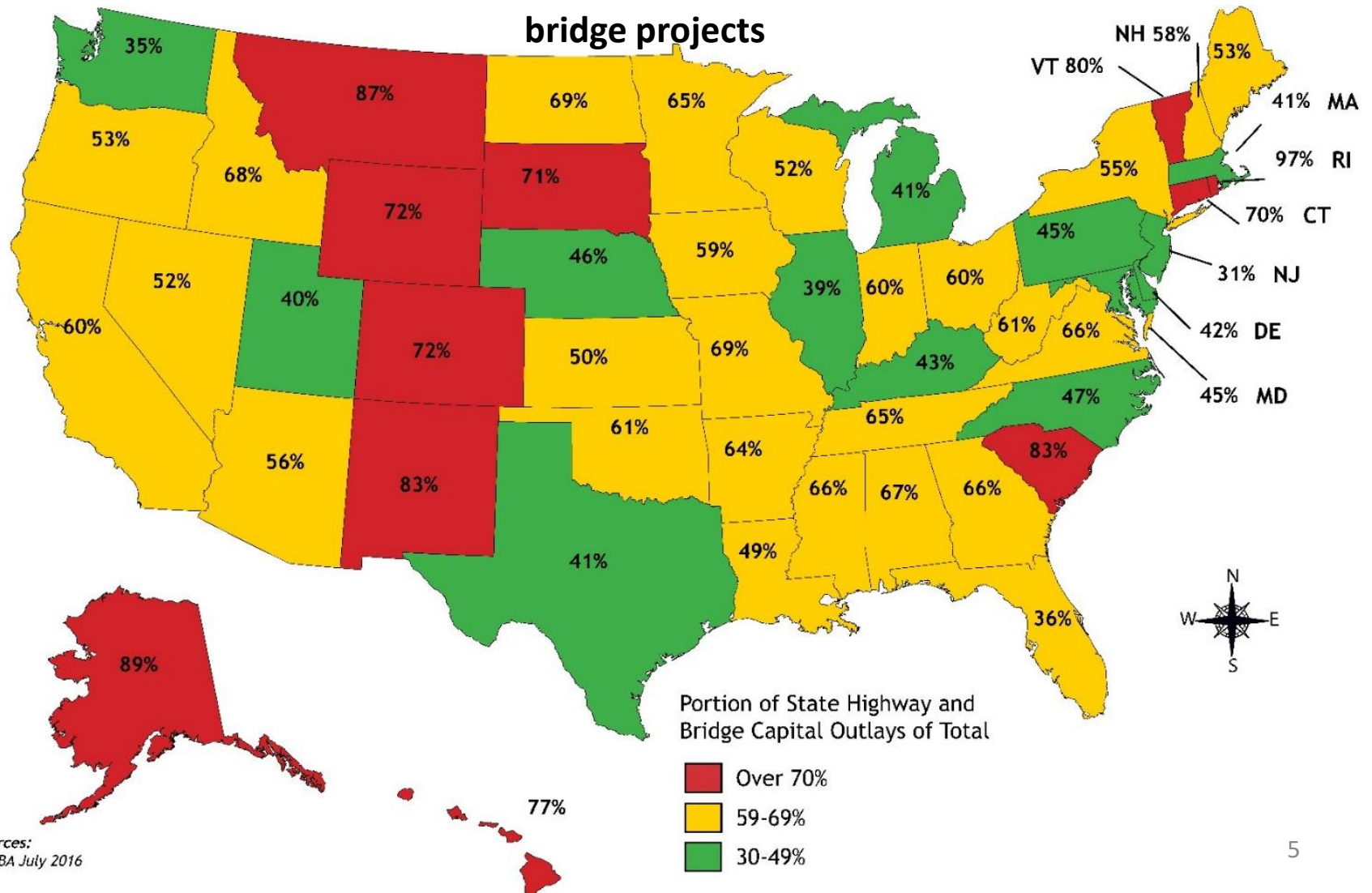




# Funding And Budget

## We Use Almost \$3 Federal For Every \$1 State

Federal funds, provide an average 52% of State DOT annual capital outlays for highway &





1991

# The Last Time Colorado Raised the Gas Tax

\$1.14/gal.

Average Gas Price

\$15,473

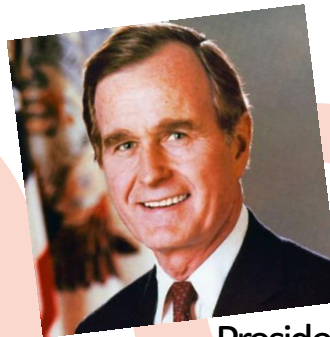
Average Price of a  
New Car

\$109,071

Metro Denver Median  
Home Price



Avalanche logo



President  
George H.W. Bush



Denver's Stapleton  
airport 4 years  
away from closing



Dan Reeves was Broncos head coach with  
John Elway as Quarterback and Gary Kubiak  
as backup QB



Terminator 2  
released



Broncos logo

## Missing Hair Report





# Our Challenge Continued Growth

1991



3.3 million



27.7 billion  
vehicles miles traveled

\$125.70  
spent per person

2015



5.4 million



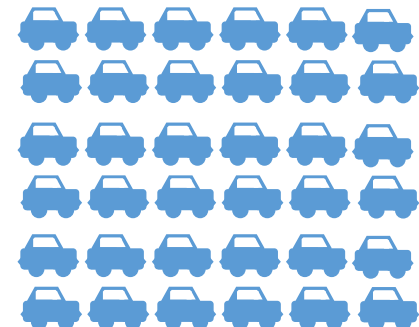
50.5 billion  
vehicle miles traveled

\$68.94  
spent per person

2040



7.8 million

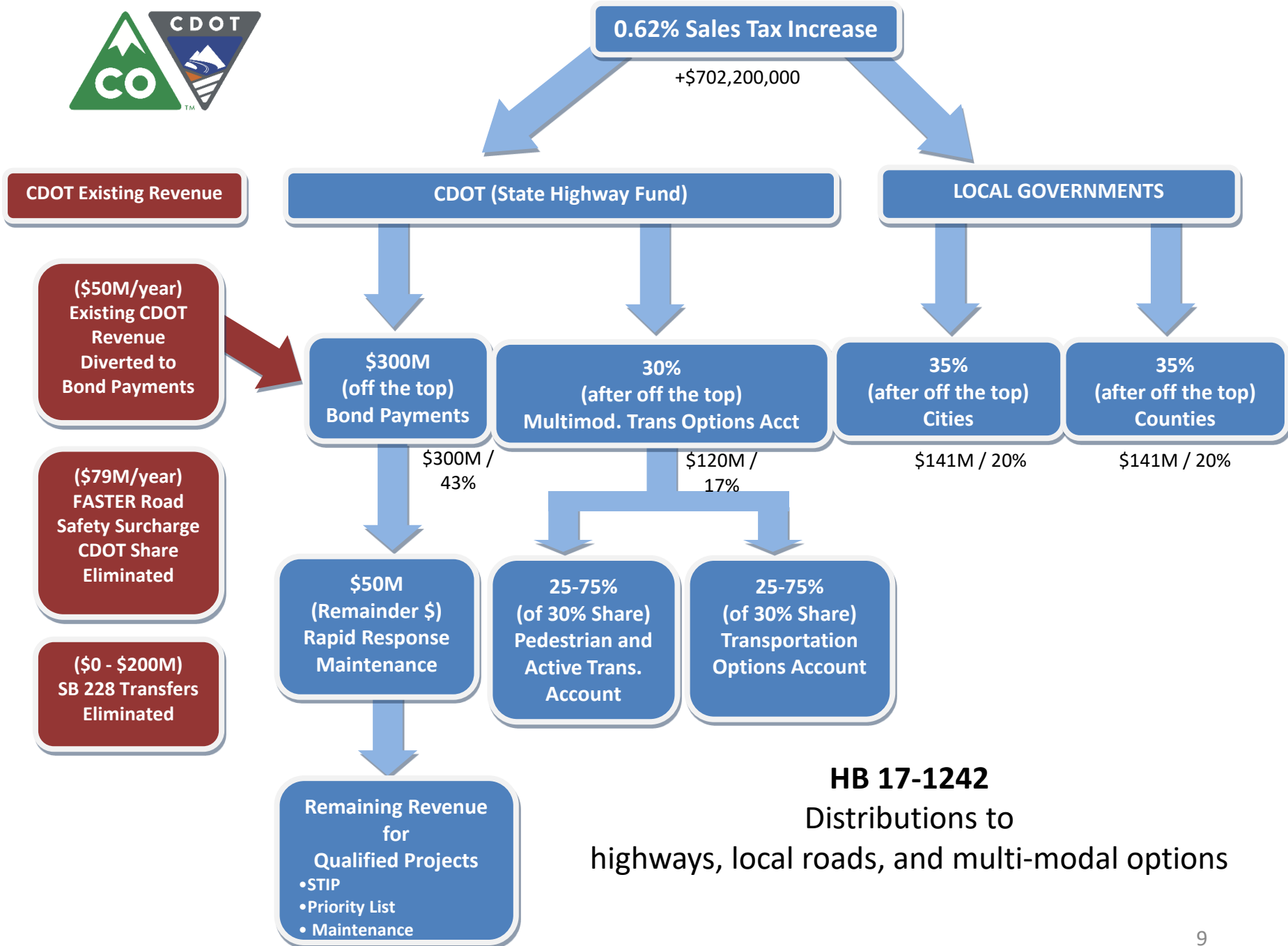


72.3 billion  
vehicle miles traveled

\$41.16  
spent per person

*All dollar figures adjusted for inflation*







## Smart 25 Ridegate to University

Software and sensor upgrades to better manage flow resulting in:



Fall 2017



## Smart 70 Golden to Vail

Partnership with Here will provide real time data about hazards such as:



Winter 2016

**Panasonic**

## Smart 70 Panasonic

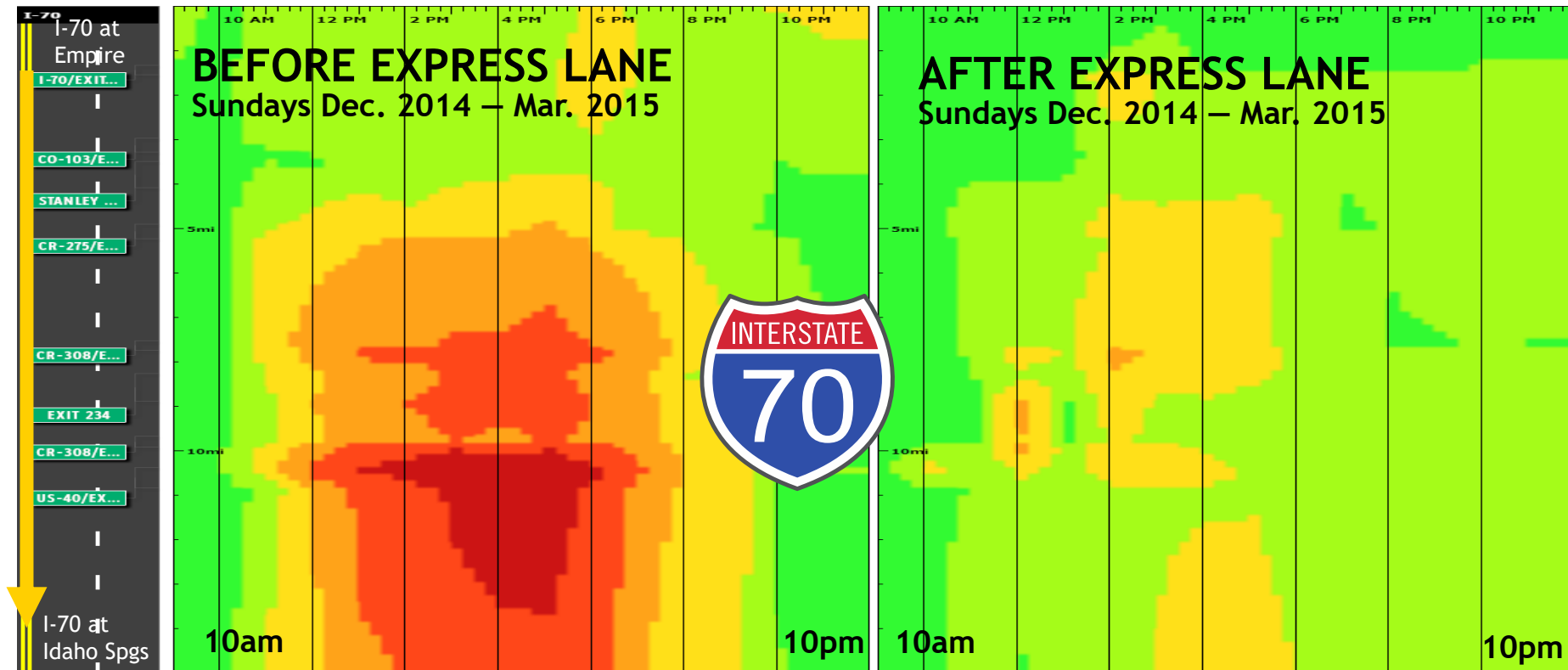
Self-driving vehicles and infrastructure share data to eventually:



Ongoing



# Healthy Multi-modal System Makes Travel Easier



**EXPRESS LINES** | **I-70 MTN**



**Winter Travel Speeds  
Improved by 26-52%**

