



**COLORADO**

Department of  
Transportation



Colorado Association of Ski Towns  
Annual Legislative Meeting  
Michael P. Lewis, Executive Director  
March 15, 2018



# ECONOMIC DRIVERS





# Our Challenge Continued Growth

1991



3.3 million



**27.7 billion  
vehicles miles traveled**

**\$125.70  
spent per person**

2015



5.4 million



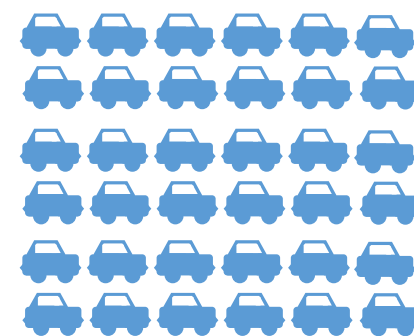
**50.5 billion  
vehicle miles traveled**

**\$68.94  
spent per person**

2040



7.8 million



**72.3 billion  
vehicle miles traveled**

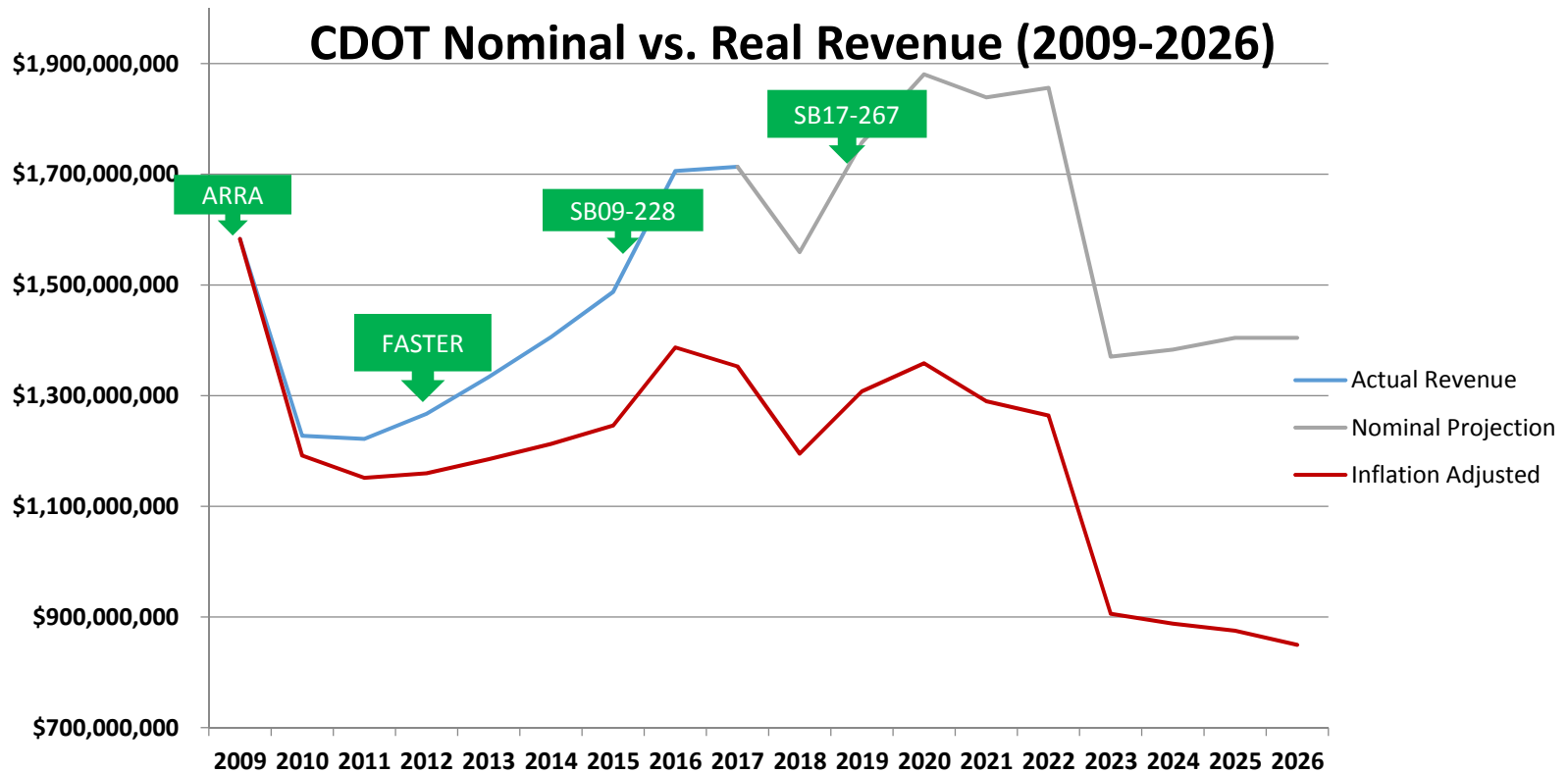
**\$41.16  
spent per person**

*All dollar figures adjusted for inflation*





## DECLINING REVENUE

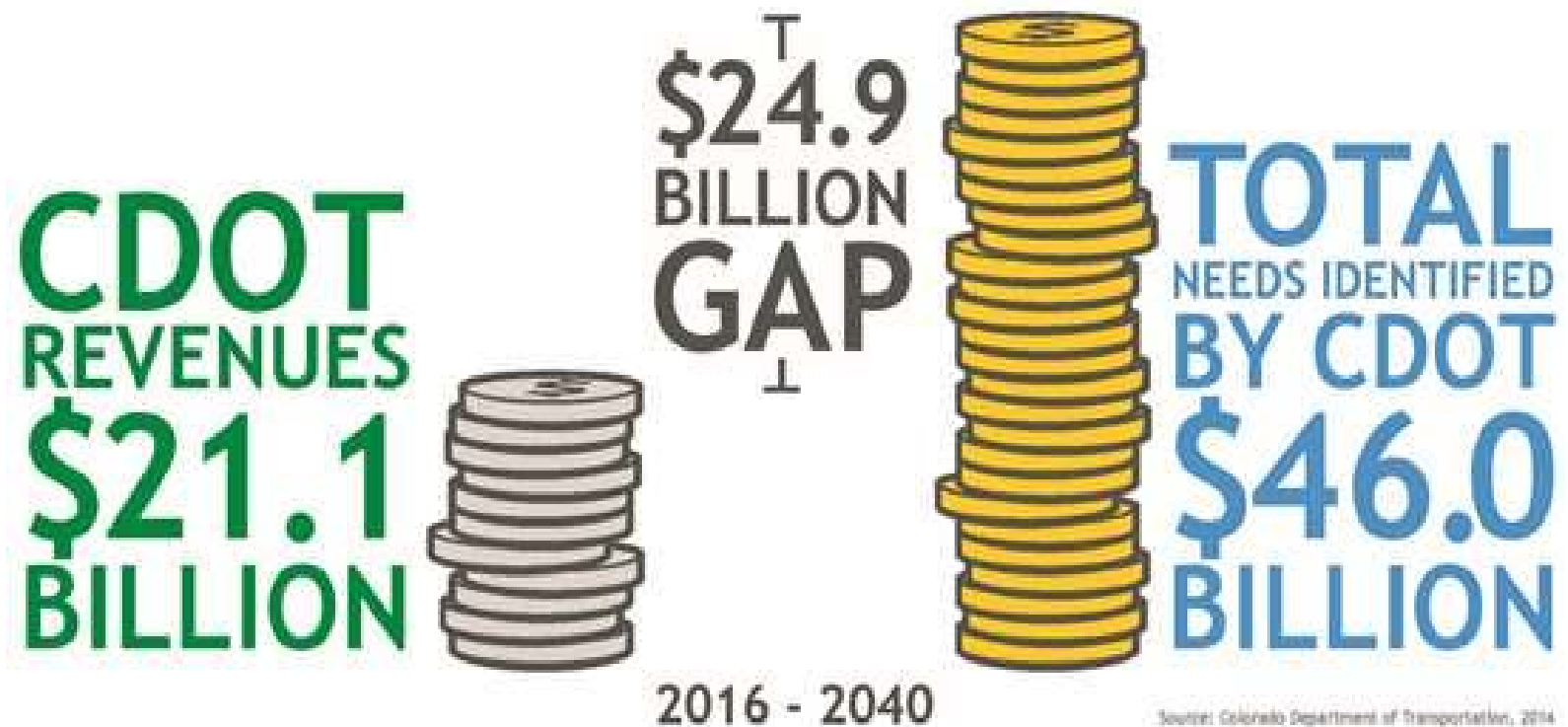


\*Revenues include CDOT, High Performance Transportation Enterprise, and Bridge Enterprise total revenues.



# Colorado Statewide Transportation Plan Needs & Gap Analysis

\$1 billion annual shortfall

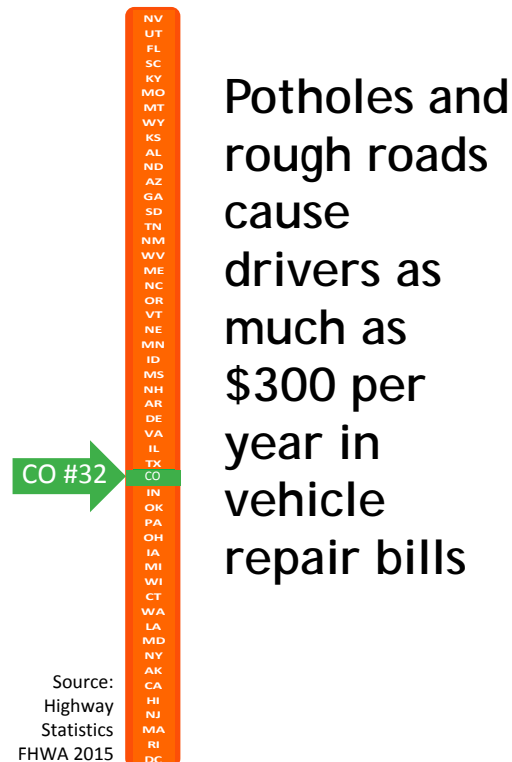




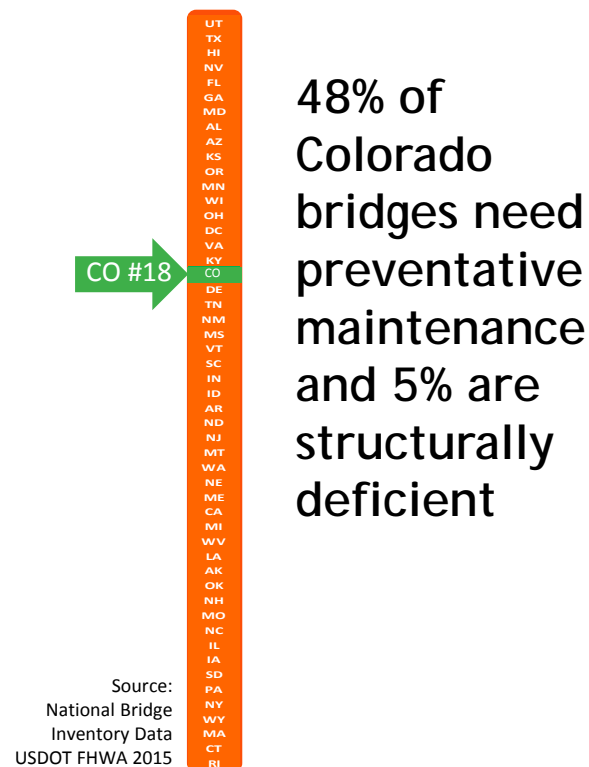
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# How Do We Rank?

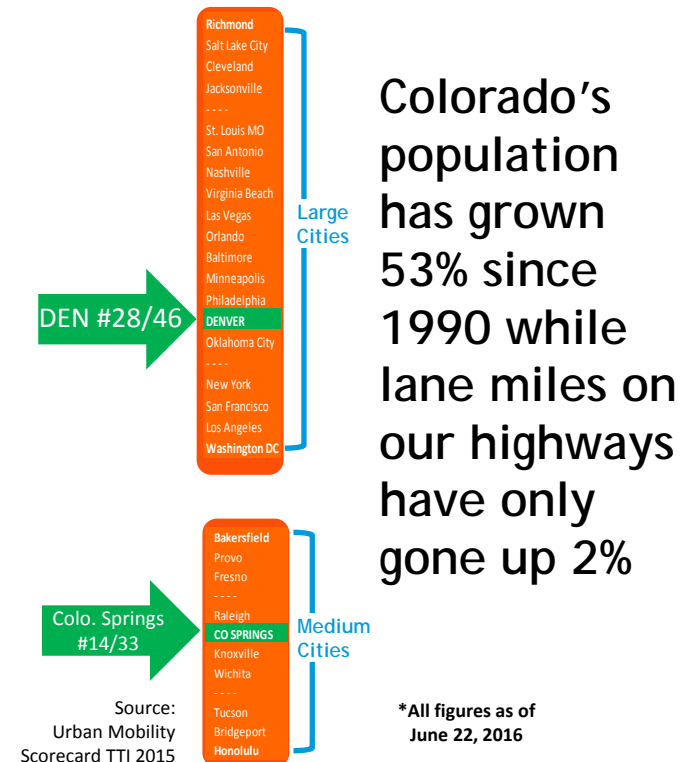
## PAVEMENT CONDITION



## BRIDGE CONDITION



## SYSTEM RELIABILITY



Colorado has no funds for new capacity.

Colorado relies on 75% of construction \$\$ coming from the feds.

# Highway Stats



Utah

CDOT has more overall highway infrastructure to maintain (with the same overall budget as Utah)...



Colorado

16,154

Highway Lane Miles

23,018

1,867

On-System Bridges

3,400

... but Utah's Interstates are wider and able handle more traffic (even though they have half the population)

935

Interstate Centerline Miles  
(Utah has 17 fewer centerline miles but...)

952

4,846

Interstate Lane Miles  
(... over 700 more miles of extra lanes!)

4,106

# Demographics



Utah

84,899 sq. miles

3.0 M

4.5 M

1.4 M

\$15.1 B

\$1.3 B

Land Area

Current Population

2040 Projected Population

Current Employment

Overall State Budget

**Transportation Dept.**  
**Budget**



Colorado

104,185 sq. miles

5.4 M

7.8 M

2.8 M

\$27.1 B

\$1.4 B



# Transportation State Funding



Utah

29.0 ¢ per gal.  
(last increase 2015)

29.0 ¢ per gal.  
(last increase 2015)

~1 ¢ statewide

Last increase 2009

Periodic, not sustainable

State Gas Tax

State Diesel Tax

State Sales Tax

Registration Fees

General Fund



Colorado

22.0 ¢ per gal.  
(last increase 1991)

20.5 ¢ per gal.  
(last increase 1991)

None

Last increase 2009

Periodic, not sustainable

# Transportation Budget



Utah

\$282.9 M

\$308.8 M

\$550.1 M

\$131.9 M

\$69.0 M

\$0

(transfers have occurred in the past)

1.34 B

Federal Funds

State Gas Tax

Sales Tax

Registration/Fees/FASTER

Local Match

General Fund Transfer

**TOTAL**



Colorado

\$518.2 M

\$298.5 M

\$0

\$407.6 M

\$31.5 M

\$158.5 M

(temporary funding source)

\$1.41 B



# Healthy Multi-modal System

## I-70 Mountain



### The Needs:

Cost: ~ \$500 million

- ✓ Construct eastbound Express Lanes
- Construct westbound Express Lanes
- Reconstruct the westbound bridge at US 6
- Improvements between Floyd Hill and Veterans Memorial Tunnels





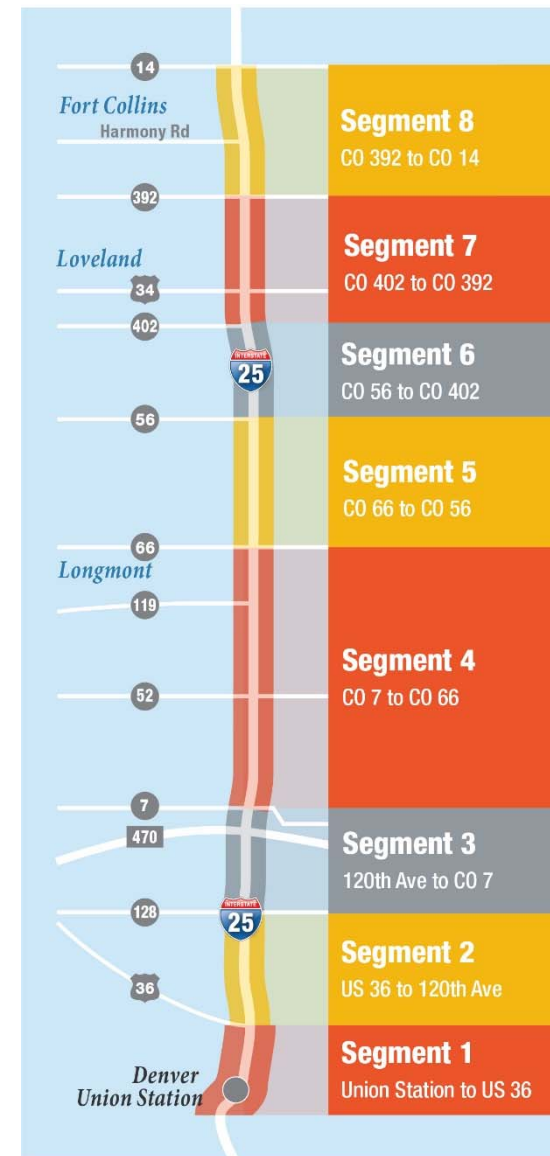
# Healthy Multi-modal System

## I-25 North: Denver to Fort Collins



The Needs- Express Lanes: **Cost: ~\$1.7 billion**

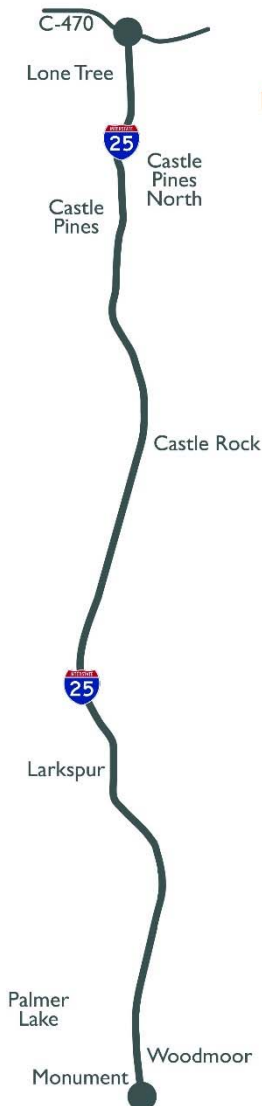
- ✓ 120<sup>th</sup> Ave. to E-470
- ✓ SH 402 to SH 14 (phase 1 project development)
- ✓ Truck Climbing Lane
  - Expansion/construction of Tolled Express Lanes
    - E-470 to SH 7
    - SH 7 to SH 14
  - Improvements between U.S. 36 to 120th





# Healthy Multi-modal System

## I-25 South: C-470 to Monument



### The Needs:

Cost: ~ \$300 million \*

- ✓ Study the corridor to determine Preferred Alternative / accelerate pre-construction activities
- Develop plans from Castle Rock to Monument

*\*(could be built in 5 years if funding comes available)*





# Healthy Multi-modal System

## Central 70

✓ Early 2018, Construction begins

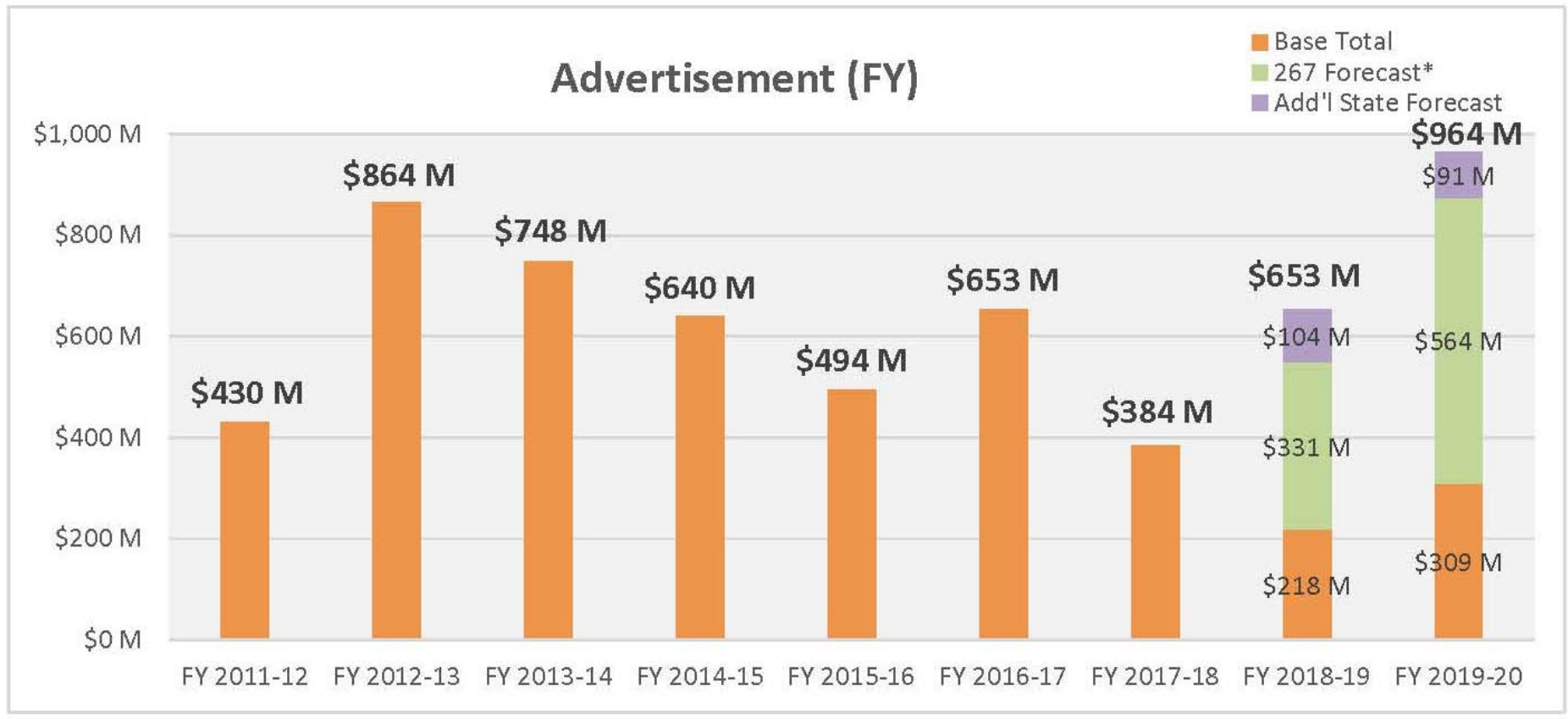


### Benefits:

- 50% reduction in travel times in 2035
- Fixes worst bridge in Colorado



# CDOT's Advertisement Outlook





## Managing Expectations

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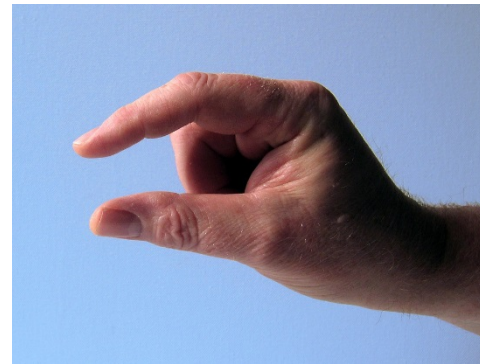
\$1.8 billion=

- Less than 10% of CDOT's 20 year need
- \$1.2 billion is paid for by CDOT *existing budget*
- Loss of FY '19 & FY '20 SB 228= \$320 million
- Effectively allows CDOT to accelerate a few key projects
- A down payment on Colorado's most critical needs



# Potential Ballot Question in 2018?

- HB 17-1242 came close to asking the voters to increase the sales tax
- Private sector is uniting behind a 2018 ballot question

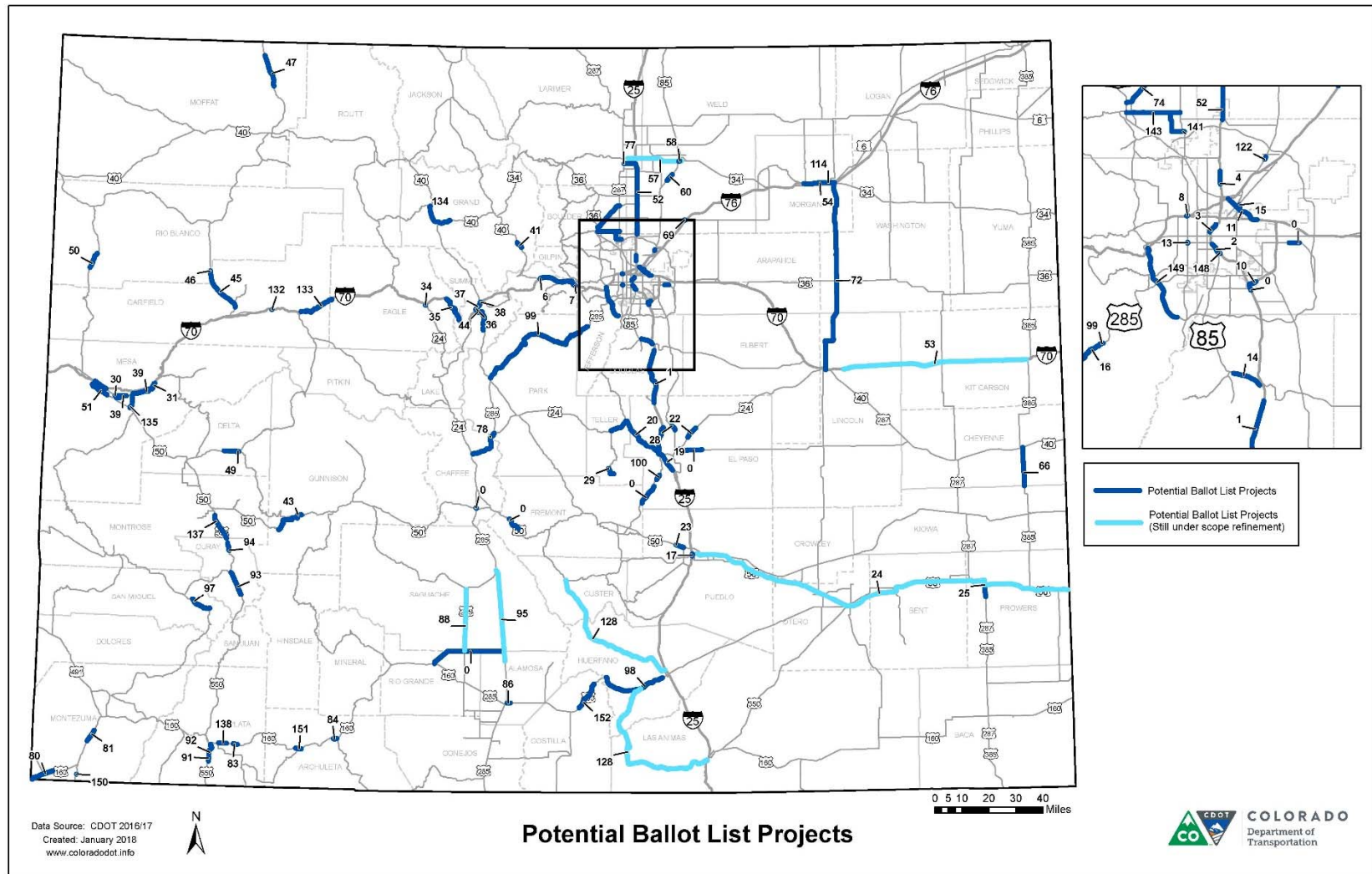


- We are *“this close”* to really solving our biggest transportation problems....



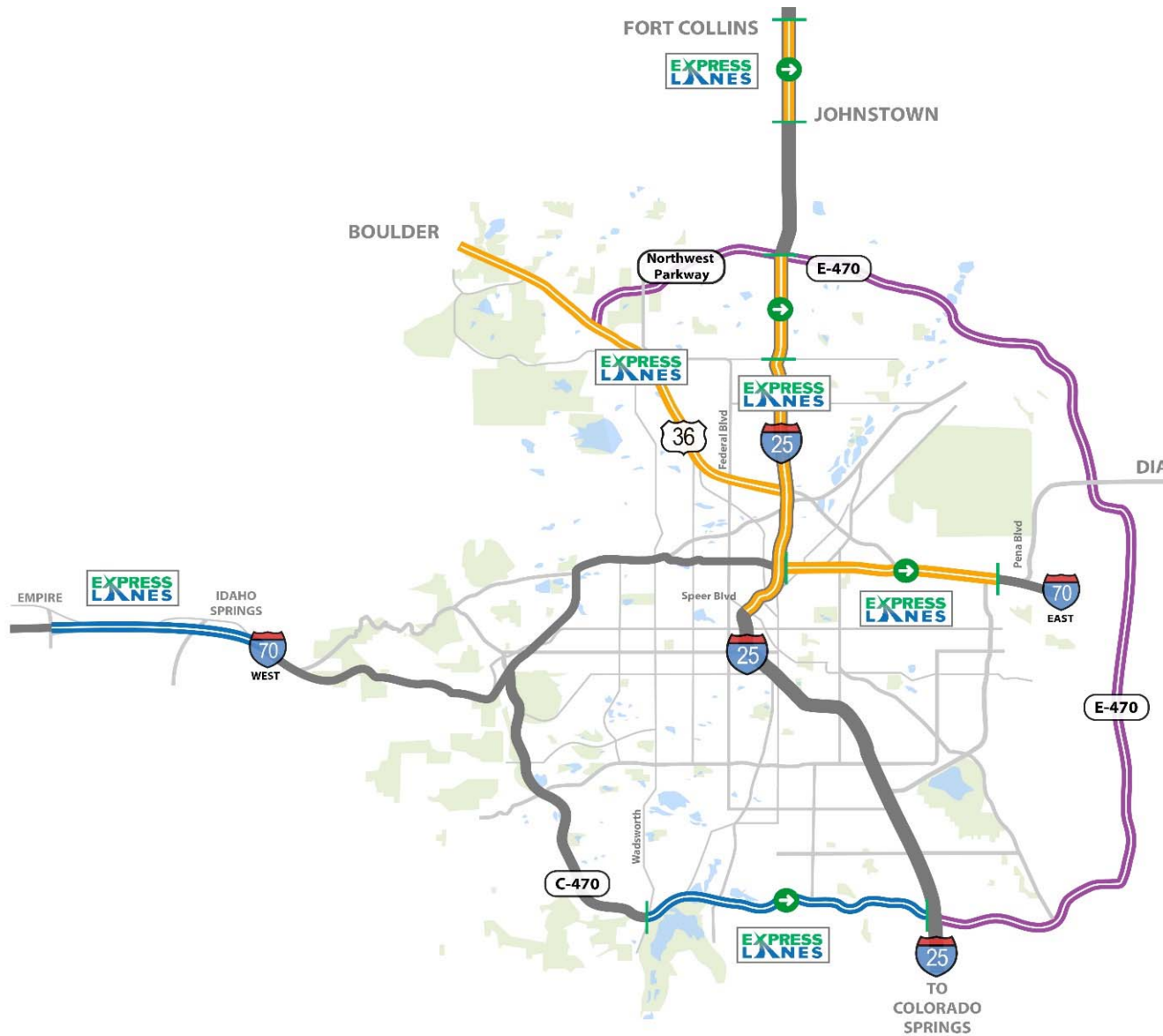


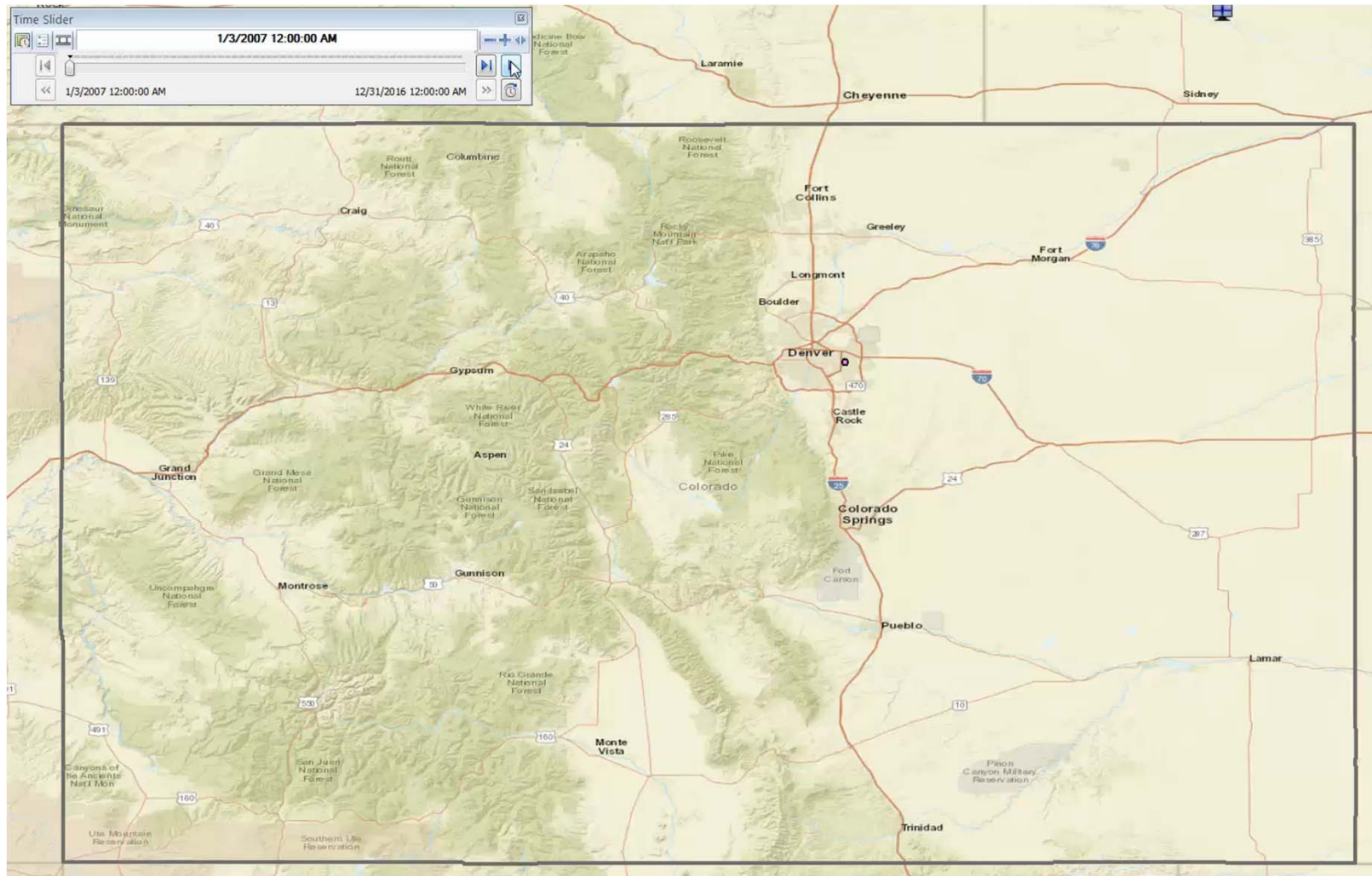
# Potential Ballot Project List





# EXPRESS LANES







## THREE BIGGEST PROBLEMS ON NATION'S ROADWAY

### SAFETY



5.6 million crashes  
32,719 deaths

### MOBILITY



6.9 billion hours in traffic

### ENVIRONMENT



3.1 billion gallons wasted





# WHY ACCELERATE TECHNOLOGY?



## Safety

80% of accidents could be reduced or eliminated



## Innovative Road Solutions

Could nearly quadruple highway capacity



## Saved Time

Could save about 50 minutes per day



## Expanded Mobility

Mobilizes elderly and handicapped populations



## Environmental Benefits

Reduces congestion and vehicle emissions



Questions?

