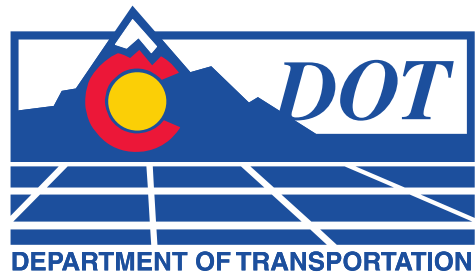




  
**TRANSPORTATION  
MATTERS**



# The STATE of TRANSPORTATION in COLORADO

**BY**  
2040



Population



7.7 MILLION  
COLORADANS



Vehicle Travel



47.9 BILLION  
MILES TRAVELED

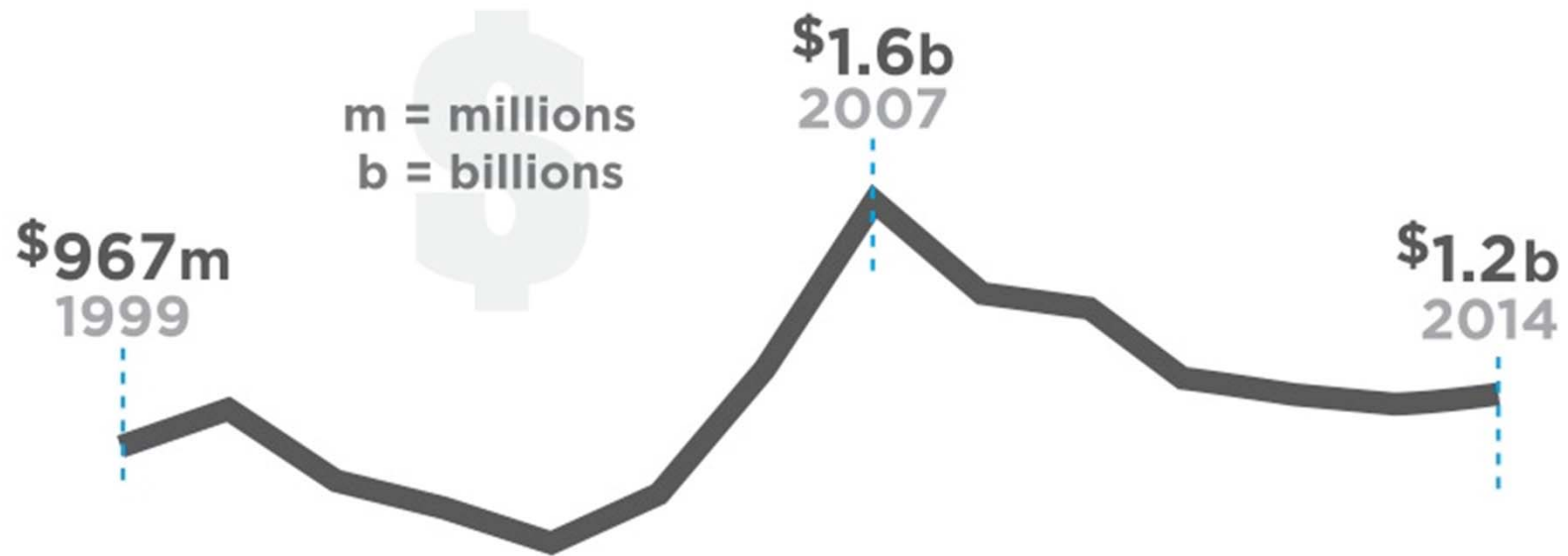


Avg. Traffic Delay



17 MINUTES  
BECOMES 50

# CDOT REVENUES



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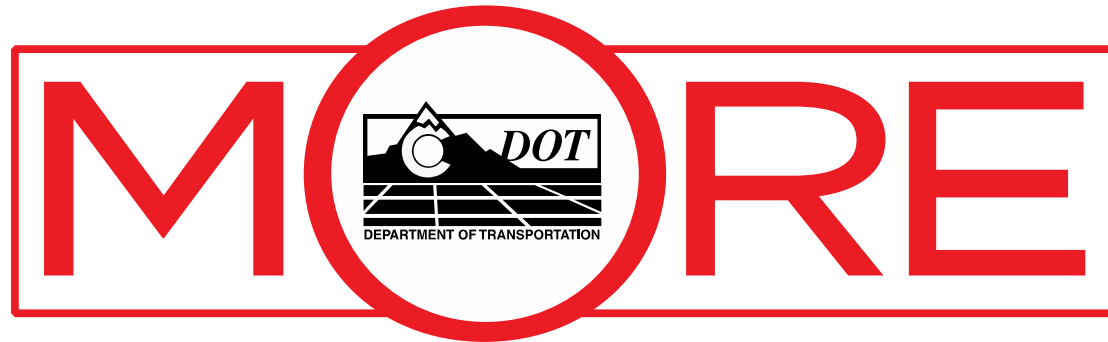
**AT CURRENT FUNDING LEVELS  
CDOT MUST FOCUS ON  
MAINTAINING ASSETS.**

**THERE'S NO \$**

**TO EXPAND  
FOR THE  
FUTURE.**



# WE ARE DOING



**MORE**  Customer Service

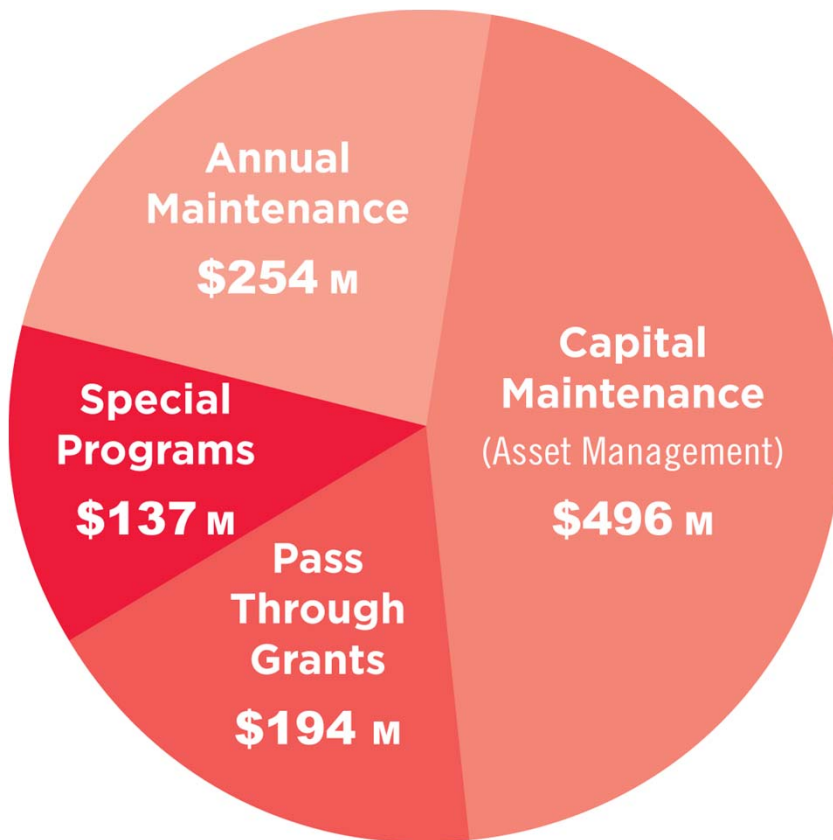
**MORE**  \$\$ to Construction

**MORE**  Out of the System

**MORE**  Private \$ to Extend Public \$

**MORE**  Transparency & Accountability

# 2014 COLORADO DEPARTMENT OF TRANSPORTATION EXPENDITURES



TOTAL \$  
1.08 billion

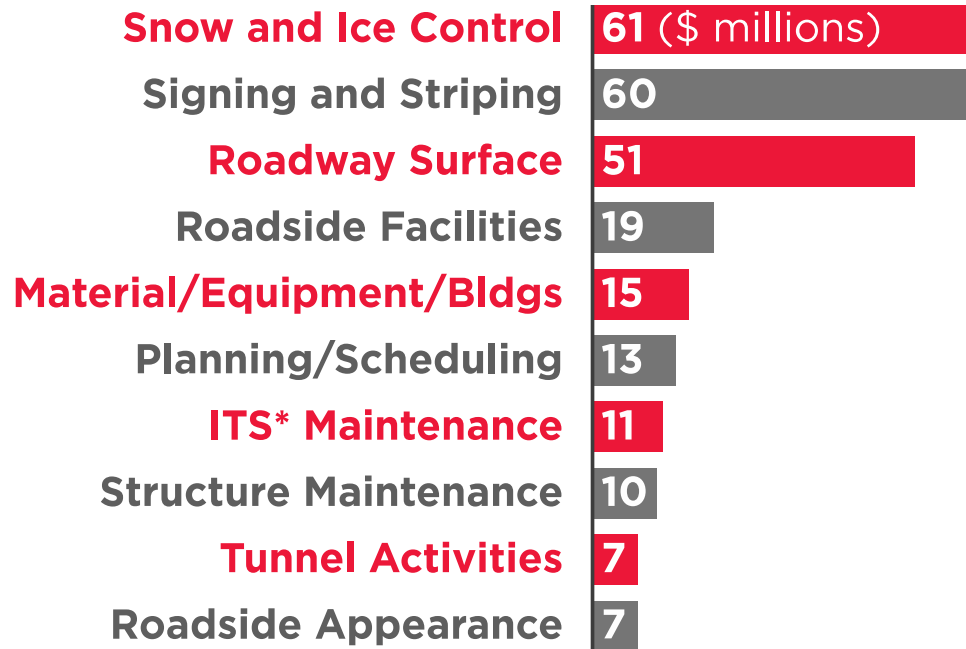
Does not include RAMP partnerships, debt, salaries, and program delivery.

Capital Maintenance does include RAMP allocations.

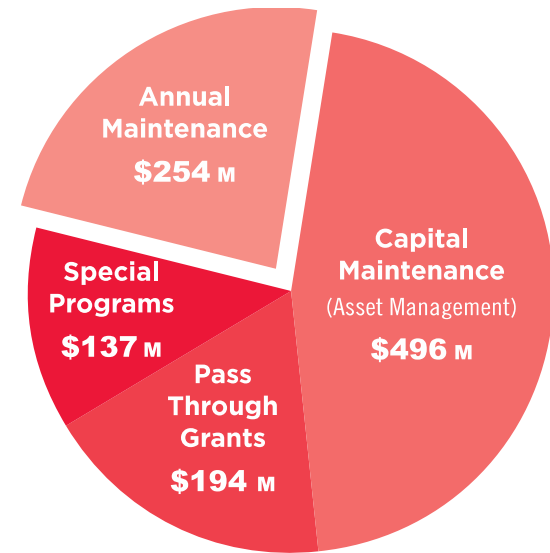


# ANNUAL MAINTENANCE

TOTAL \$  
254 million



\*Intelligent Transportation Systems



# **CAPITAL MAINTENANCE**

a.k.a Asset Management



- Fiscally constrained
- Risk based
- Lowest life cycle cost
- Funding tradeoff across assets





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# **BRIDGES** **IN COLORADO**

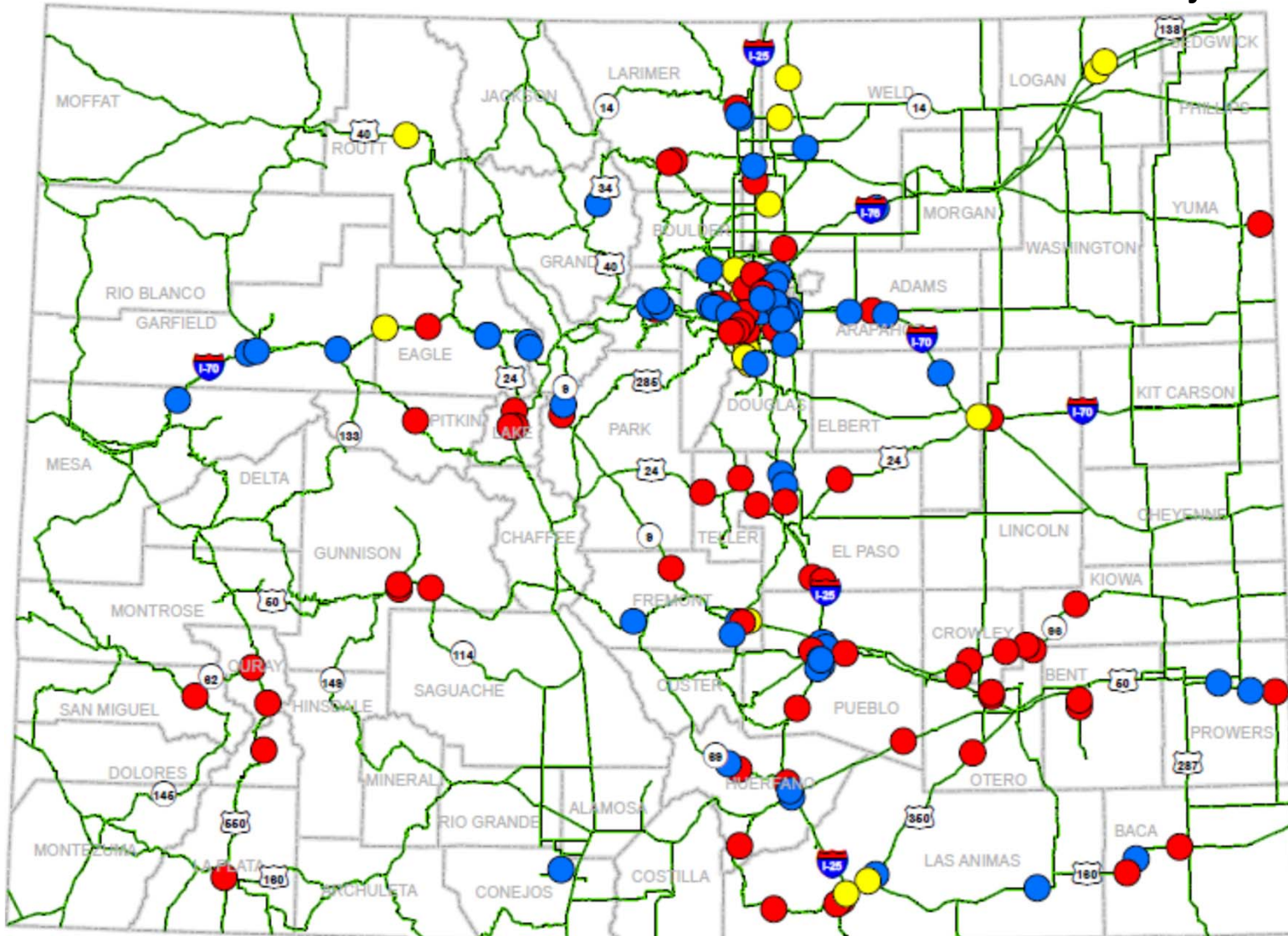
2009 FASTER Act: Example of  
statewide risk-based management

**96%** of **HIGHWAY BRIDGES** are **IN** **GOOD/FAIR**  
**CONDITION**



# COLORADO BRIDGE ENTERPRISE

130 BE Projects



● Construction complete

● In construction

● In planning

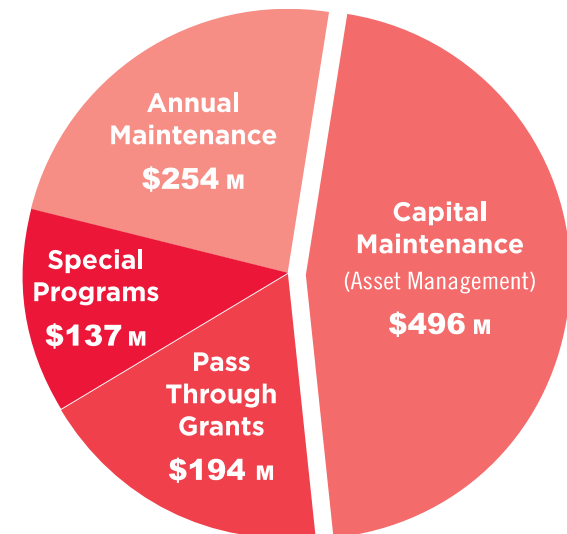
# CAPITAL MAINTENANCE

a.k.a Asset Management

TOTAL \$  
496 million

<b>Surface Treatment</b>	<b>240</b> (\$ millions)	Drivability standard, surface every 5-20 years, mix of fixes
<b>Bridge Rehab /Reconstruct</b>	<b>174</b>	Replace if <50 score, structurally deficient/functionally obsolete
<b>ITS</b>	<b>22</b>	Maintain critical information infrastructure (cameras, fiber, VMS)
<b>Culverts</b>	<b>12</b>	Highest risk
<b>Rockfall Mitigation</b>	<b>9</b>	Highest risk
<b>Tunnels</b>	<b>7</b>	Life cycle cost
<b>Equipment</b>	<b>21</b>	Life cycle cost
<b>Buildings</b>	<b>11</b>	Life cycle cost

TOTAL \$  
496 million



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# **CAPITAL MAINTENANCE**

a.k.a Asset Management



## **Surface Treatment**

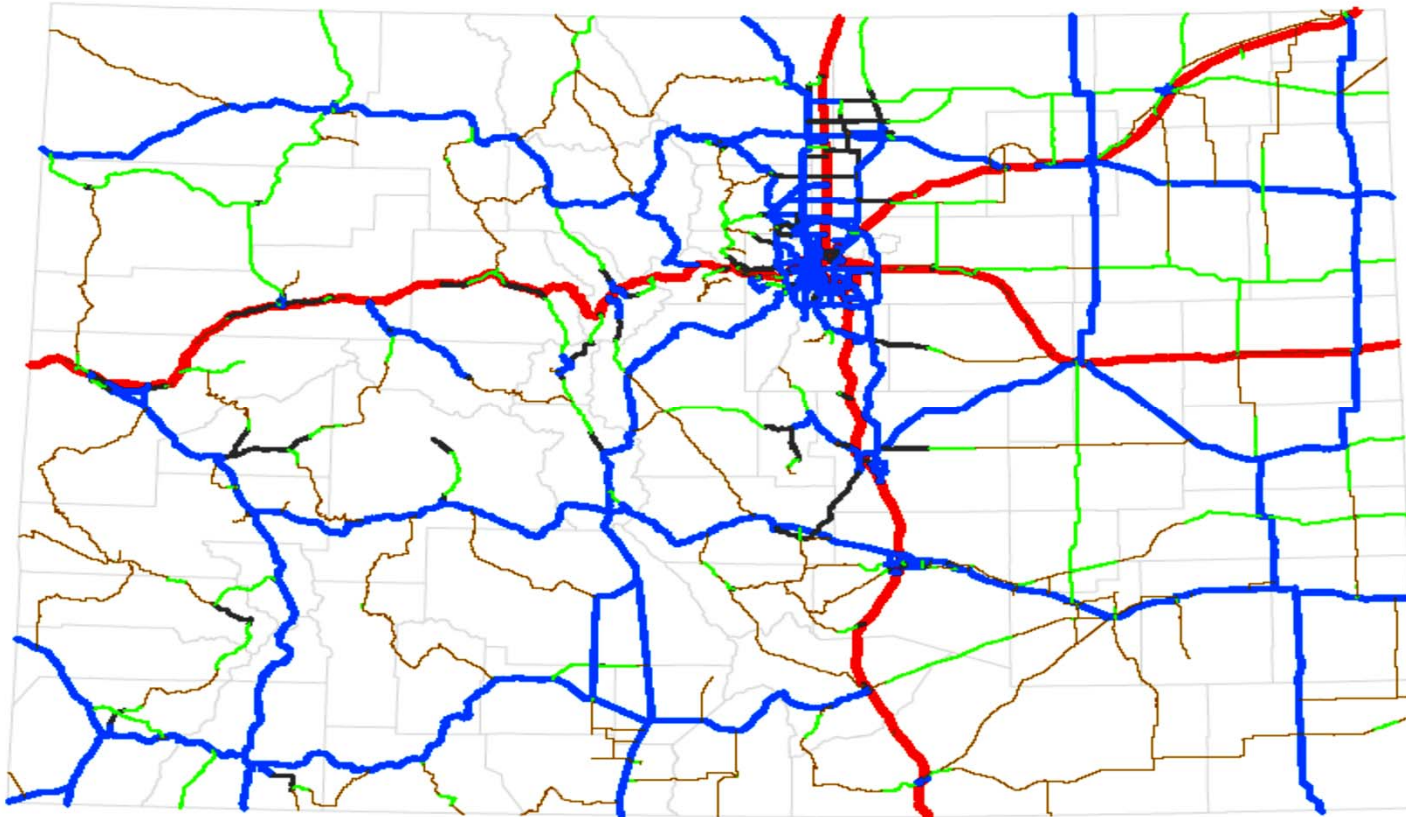
- Better, more frequent mix of fixes at optimal cost
- Targeted reconstruction where necessary






**New Drivability Standard = Safe & Serviceable**

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# PROPOSED CATEGORIES

## PAVEMENT MANAGEMENT



Drivability Life Traffic-Based Pavement Category		Treatment Options
	Interstate	Up to reconstruction
	National Highway System (NHS) High Volume Average Daily Traffic (AADT) > 4,000 or Trucks > 1,000	Up to major rehabilitation
	Other High Volume: AADT > 4,000 or Trucks > 1,000	Up to major rehabilitation
	Medium Volume (*NHS and Other): AADT 2,000 – 4,000 and/or Trucks 100 – 1,000	Up to minor rehab
	Low Volume (*NHS and Other): AADT < 2,000 and Trucks < 100	Surface treatments+

# DRIVABILITY LIFE EXAMPLE

**Background** 8 miles south of Akron  
Rehabilitated in 1995

Maintenance only

AADT = 390, AADT Combination Trucks = 40

**Current “Remaining Service Life” = 0**

Due primarily to age, design, cracking and rutting

**Reconstruction work unlikely**

**Draft “Drivability Life” = 4**

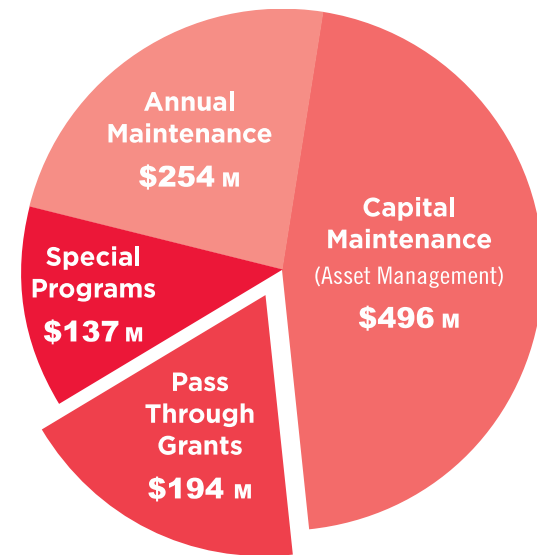
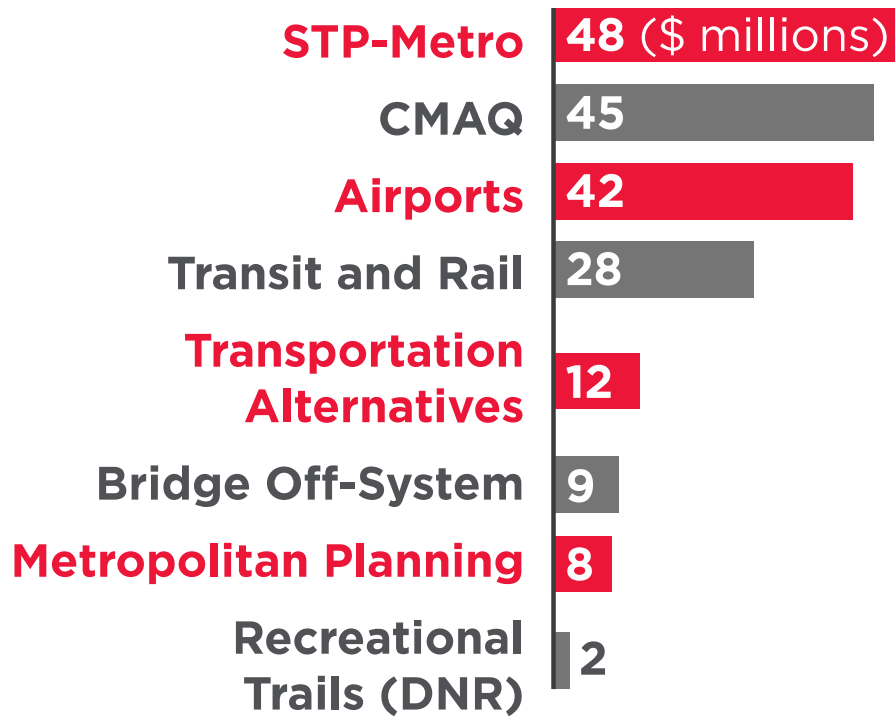
Due to smoothness, cracking and rutting

**Next surface treatment likely in two–three years**



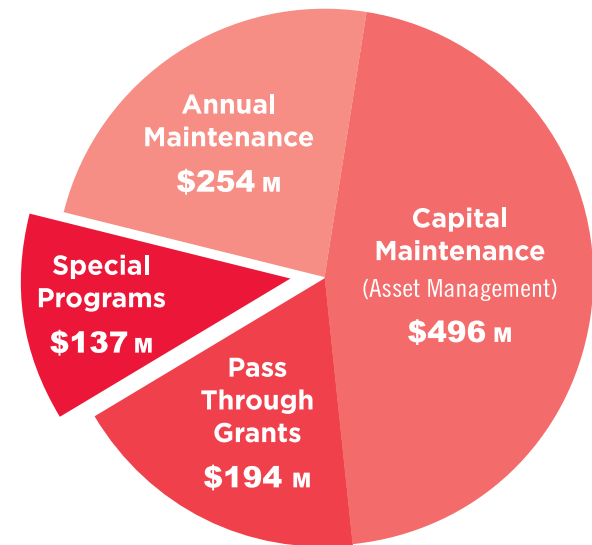
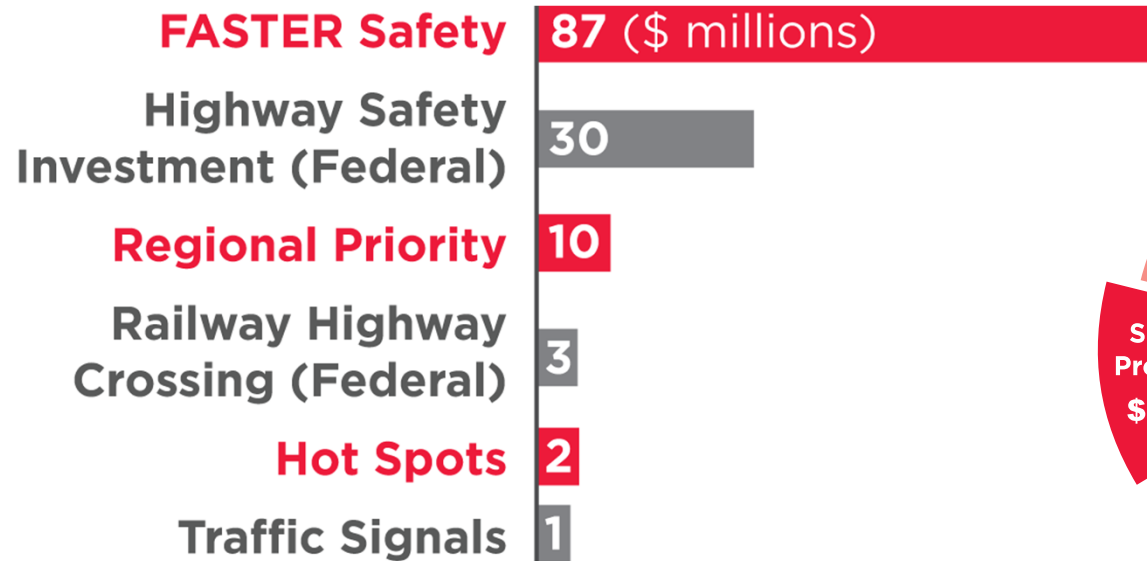
# PASS THROUGH GRANTS

TOTAL \$  
194 million



# SPECIAL PROGRAMS

TOTAL \$  
137 million





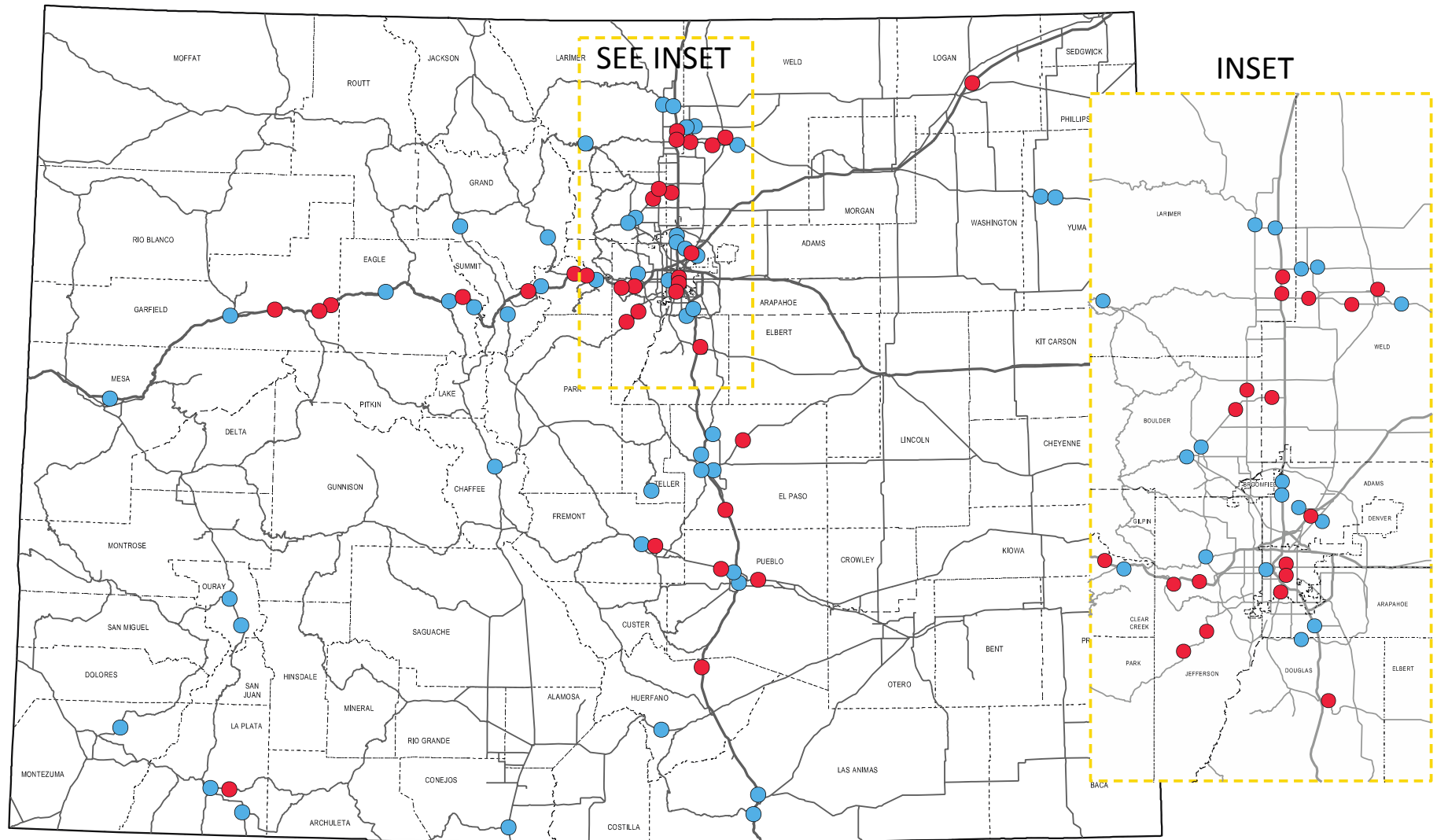
# RAMP

## Responsible Acceleration of Maintenance/Partnerships

- \$300 million/year **ONE-TIME INCREASE FOR 5 YEARS**
- **Over \$1.5 billion** in partnership proposals
- \$693 million in partnership and operations projects
- \$800 million in asset management
- **RAMP + Asset Management = Stabilizing condition of highway for over system next decade**



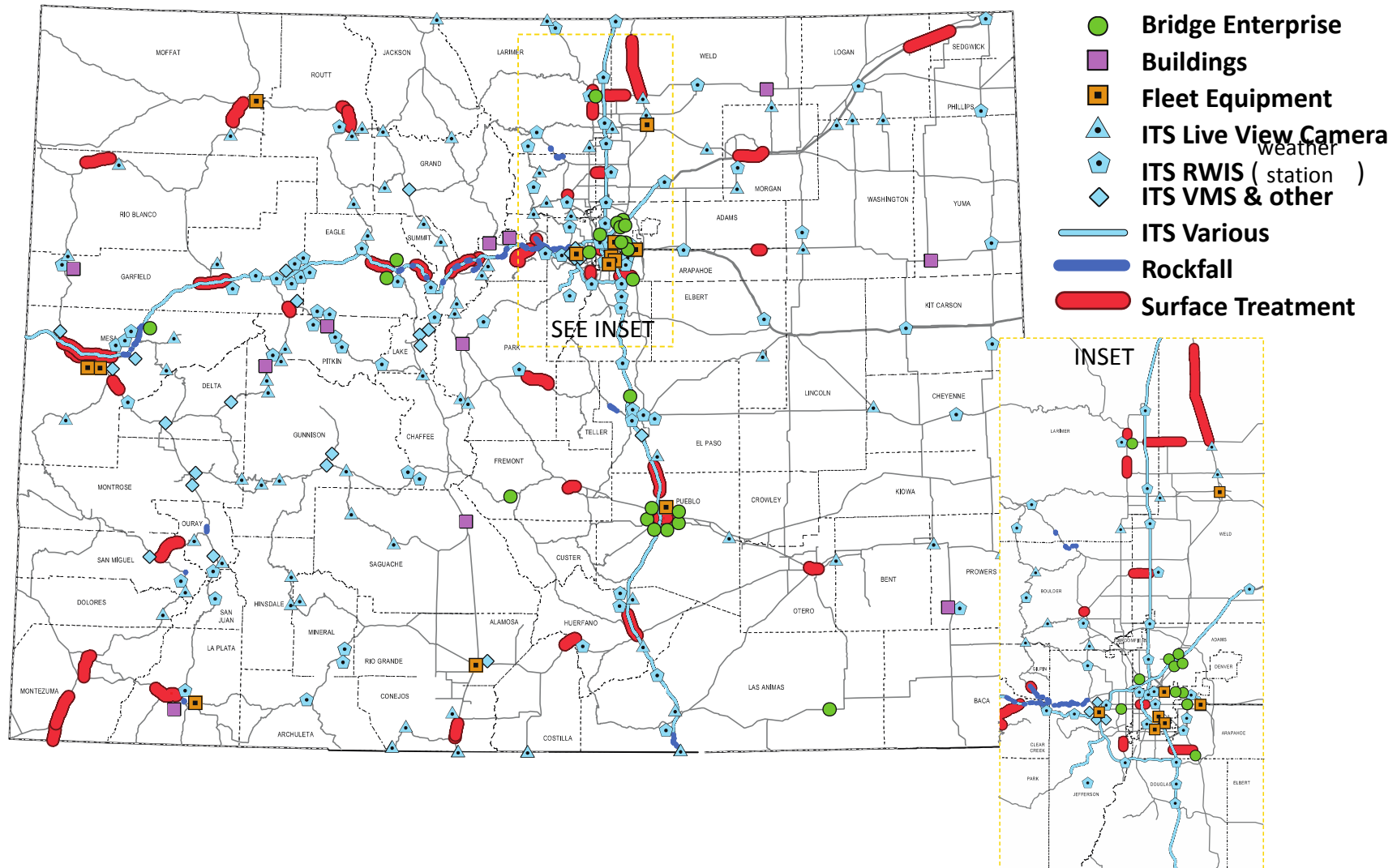
# RAMP OPERATIONS & PARTNERSHIP PROJECTS



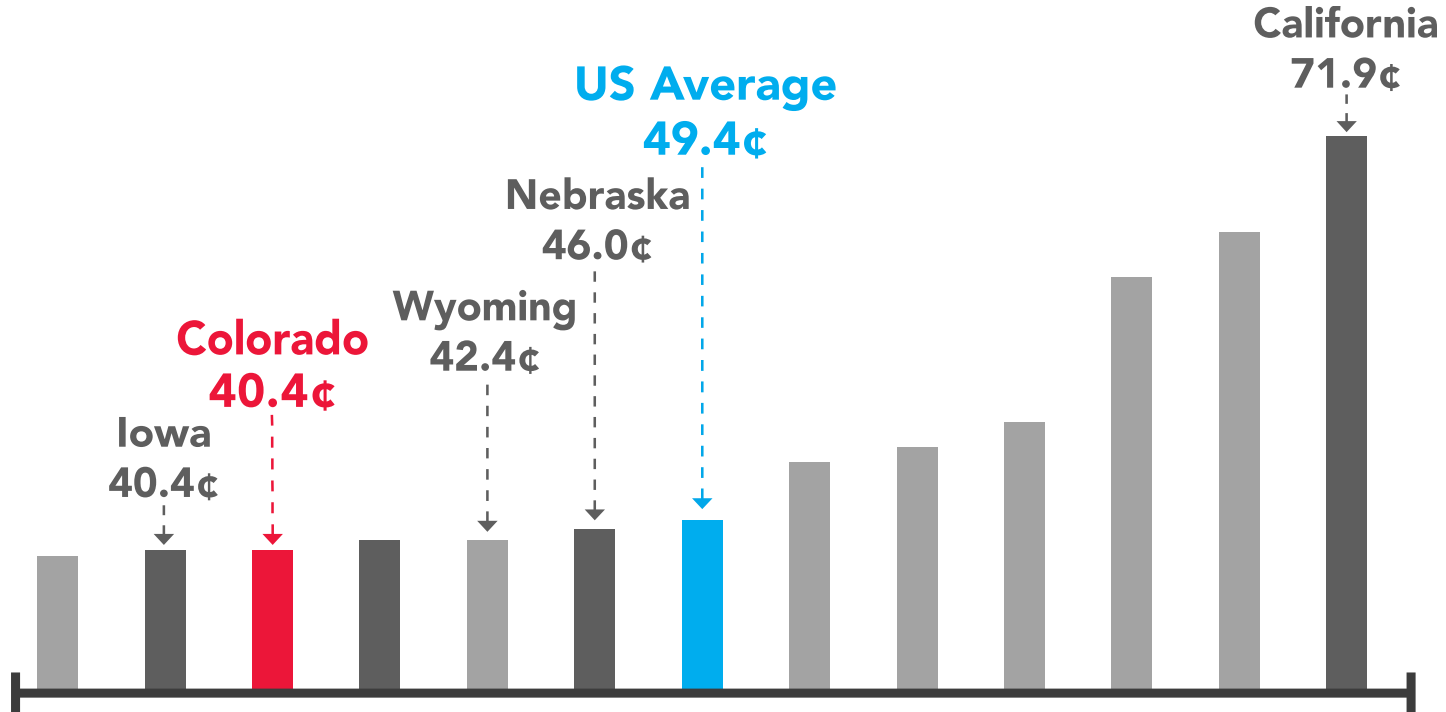
● Operations

● Partnerships

# FY14 RAMP & BASE ASSET MANAGEMENT PROJECTS

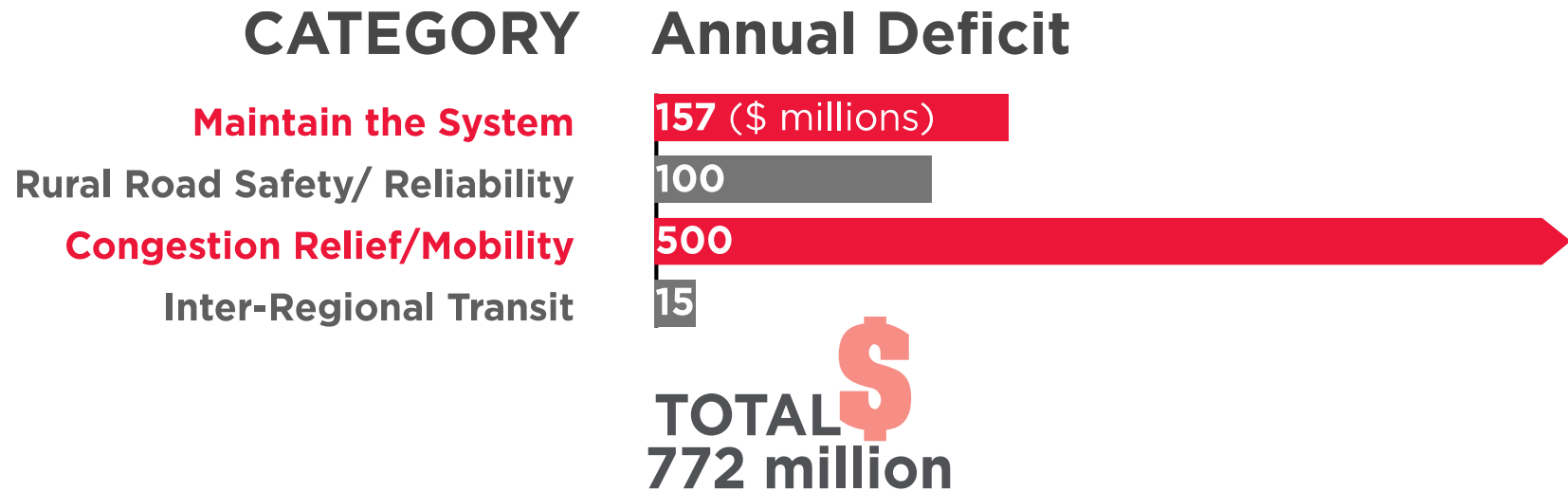


# COLORADO GAS TAX VS. OTHER STATES

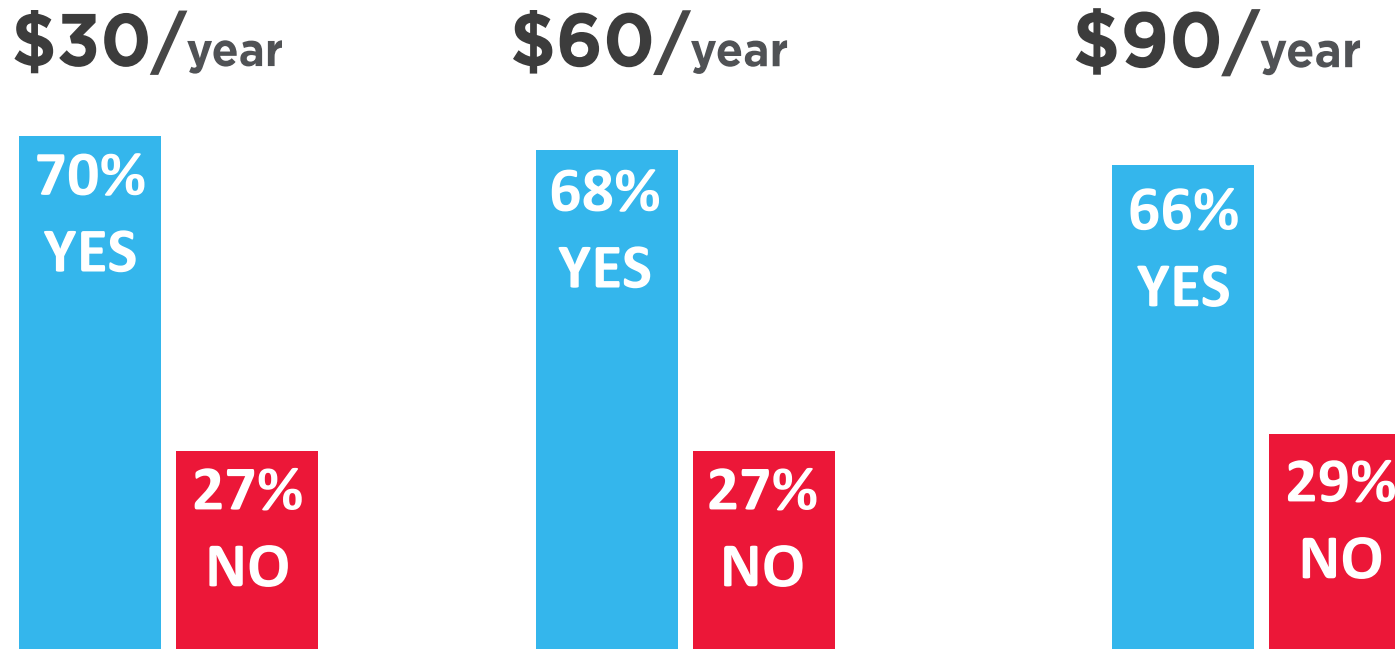


Gasoline Motor Fuel Taxes: July 2013, American Petroleum Institute

# ANNUAL FUNDING GAP

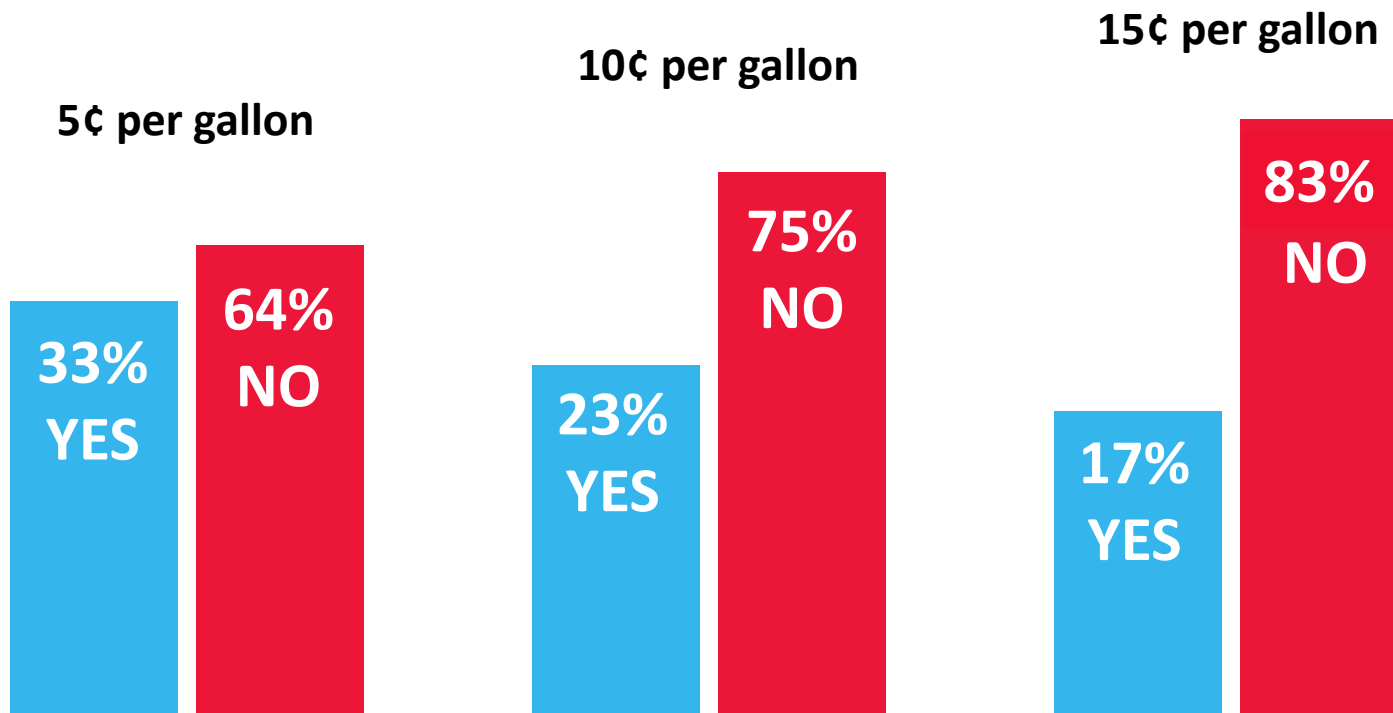


# VOTER WILLINGNESS TO PAY MORE FOR TRANSPORTATION



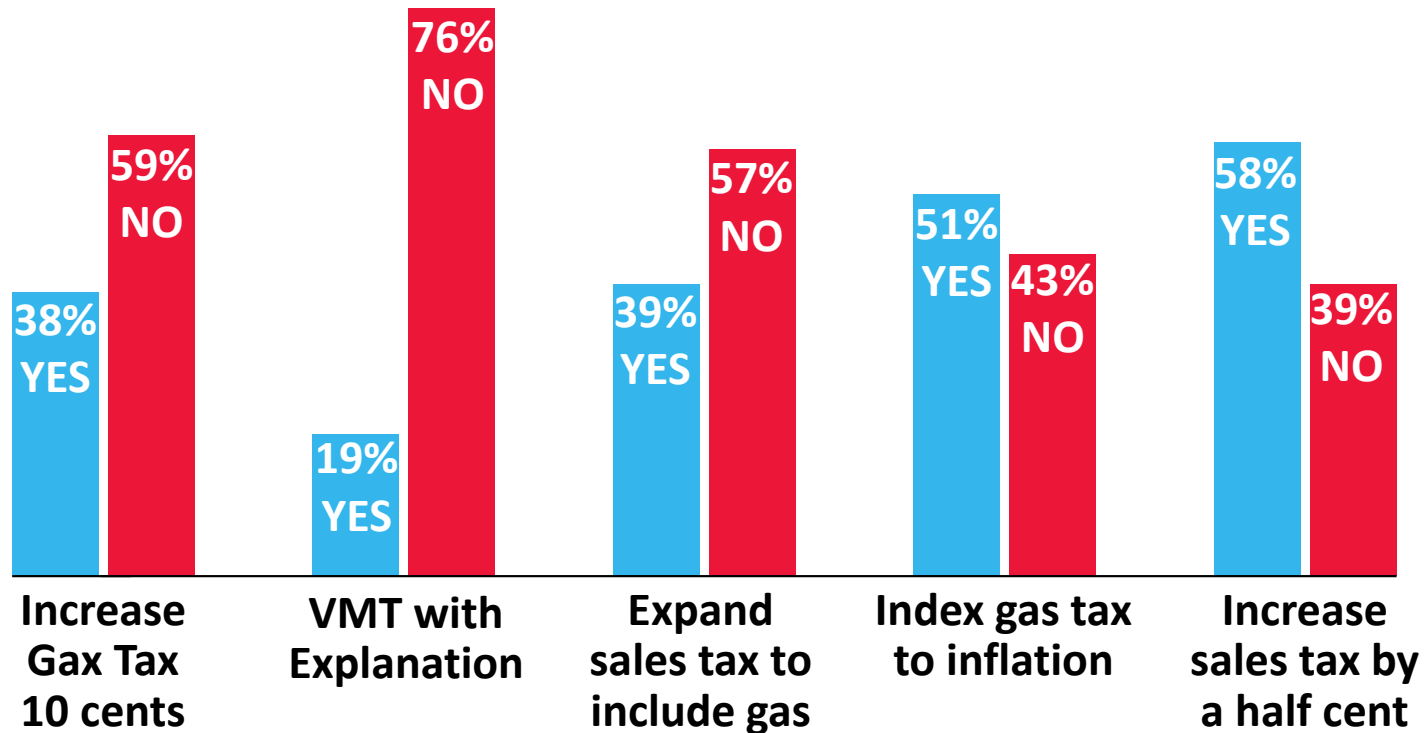
Source: Colorado Transportation Coalition

# VOTER WILLINGNESS TO PAY HIGHER GAS TAX



Source: Colorado Transportation Coalition

# ARE THERE ANY GOOD OPTIONS?



Source: Colorado Transportation Coalition



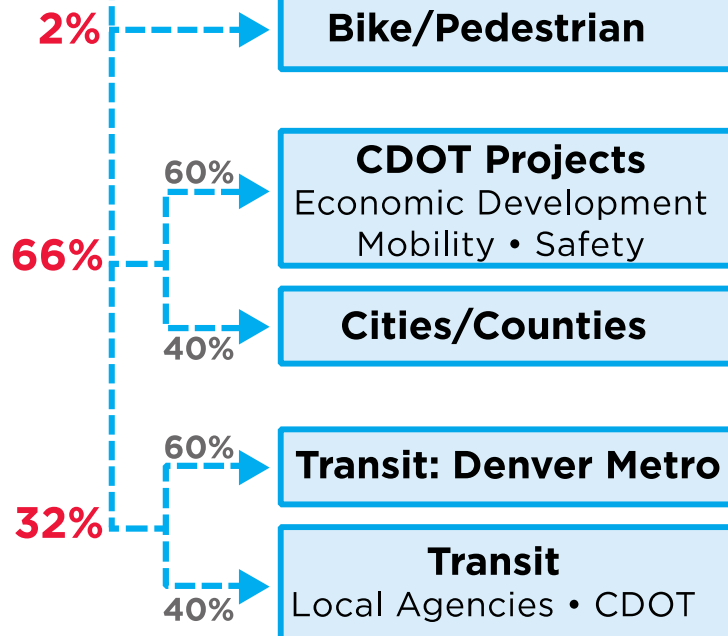
# MPACT 64

Potential 2014 Ballot



0.7% General Sales Tax  
15 Year Sunset

\$600M



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# GETTING INVOLVED

## UPCOMING MEETINGS

September 23 at 10:00 AM

Washington County Events Center 551

West 2nd Avenue, Akron

**Additional meetings through early Spring 2014**



# DISCUSSION



  
**TRANSPORTATION  
MATTERS**

