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

- Administers $208 million each year in federal grants
- 3,454 bridges
- CDOT maintains & operates 23,000 total lane miles of highway
- 6.1 million miles plowed of snow per year
- 35 mountain passes open year-round
- Division of transit and rail administers fed/state grants and operates Bustang

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**
- **Technology**
  - Help Our People with Technology
  - Improve Travel Experience with Technology

- **People**
  - Big Data
  - Internal Customer Focus
  - Develop Leaders

- **System**
  - Asset Condition
  - Improve Customer Experience

**Base Camps**
- Big Data
- Internal Customer Focus
- Asset Condition
- Improve Customer Experience
Total Annual Fatalities

**Motor Vehicle**
- 304 (2012)
- 330 (2013)
- 319 (2014)
- 364 (2015)
- 380 (2016)

**Motorcycle**
- 79 (2012)
- 87 (2013)
- 94 (2014)
- 105 (2015)
- 125 (2016)

**Pedestrian**
- 78 (2012)
- 52 (2013)
- 65 (2014)
- 64 (2015)
- 14 (2016)

**Bicycle**
- 13 (2012)
- 12 (2013)
- 10 (2014)
- 16 (2015)
- 16 (2016)

*as of January 2017*
Federal funds, provide an average 52% of State DOT annual capital outlays for highway & bridge projects.
The Last Time Colorado Raised the Gas Tax

1991

$1.14/gal. Average Gas Price

$15,473 Average Price of a New Car

$109,071 Metro Denver Median Home Price

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

President George H.W. Bush

Terminator 2 released

Denver’s Stapleton airport 4 years away from closing
Our Challenge
Continued Growth

<table>
<thead>
<tr>
<th>Year</th>
<th>Vehicles</th>
<th>Miles Traveled</th>
<th>Spent per Person</th>
</tr>
</thead>
<tbody>
<tr>
<td>1991</td>
<td>3.3 million</td>
<td>27.7 billion</td>
<td>$125.70</td>
</tr>
<tr>
<td>2015</td>
<td>5.4 million</td>
<td>50.5 billion</td>
<td>$68.94</td>
</tr>
<tr>
<td>2040</td>
<td>7.8 million</td>
<td>72.3 billion</td>
<td>$41.16</td>
</tr>
</tbody>
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All dollar figures adjusted for inflation
0.62% Sales Tax Increase

+$702,200,000

CDOT (State Highway Fund)

$300M (off the top)
Bond Payments

30%
(after off the top)
Multimod. Trans Options Acct

35%
(after off the top)
Cities

35%
(after off the top)
Counties

$50M (Remainder $)
Rapid Response Maintenance

25-75%
(of 30% Share)
Pedestrian and Active Trans. Account

25-75%
(of 30% Share)
Transportation Options Account

Remaining Revenue for Qualified Projects
• STIP
• Priority List
• Maintenance

CDOT Existing Revenue

($50M/year)
Existing CDOT Revenue Diverted to Bond Payments

($79M/year)
FASTER Road Safety Surcharge CDOT Share Eliminated

($0 - $200M)
SB 228 Transfers Eliminated

LOCAL GOVERNMENTS

$300M / 43%
$120M / 17%
$141M / 20%
$141M / 20%

HB 17-1242
Distributions to highways, local roads, and multi-modal options
**Smart Highways**

**Smart 25 Ridegate to University**
Software and sensor upgrades to better manage flow resulting in:
- Fewer crashes
- More reliable trips and travel times
- Reduction in stop-and-go traffic
- More efficient traffic flow without expanding roadways

**Fall 2017**

**Smart 70 Golden to Vail**
Partnership with Here will provide real-time data about hazards such as:
- Low visibility
- Multi-vehicle pileups
- Sun glare

**Winter 2016**

**Panasonic Smart 70 Panasonic**
Self-driving vehicles and infrastructure share data to eventually:
- Reducing crashes by 80%
- Quadrupling the capacity of our highways
- Dramatically improving travel time reliability

**Ongoing**
Healthy Multi-modal System
Makes Travel Easier

BEFORE EXPRESS LANE

AFTER EXPRESS LANE

Winter Travel Speeds Improved by 26-52%
Where Do We Go From Here?