

# Colorado Freight Plan

# Statewide Transportation Advisory Committee

**January 4, 2024** 



# Freight Plan Purpose



## **Guiding Principles and Key Outcomes**

Align with CDOT goals, plans, and processes

Comply with Federal freight planning requirements

**Craft Strategic Priorities for Freight Branch** 

Data driven and stakeholder informed

Implementation and operations-oriented





# Alignment State and Federal Goals

Colorado Freight Plan Goals	Safety & Security	Mobility	Maintenance	Economic Vitality	Sustainability & Resiliency
National Freight Goals	Safety and security	Congestion Reliability Goods Movement Innovation and Technology	State of Good Repair	Economic Efficiency and Productivity Multi-State Planning	Resiliency Environmental
Colorado Wildly Important Goals	Advancing Transportation Safety	Accountability and Transparency		Statewide Transit	Clean Transportation



### **Engagement and Outreach Approach**

#### **Education and Information**

- Fact sheet/infographic
- Comment card
- Branding and messaging
- Coordination with disproportionately impacted communities

# Coordination and Collaboration

- Freight Advisory Council
- Statewide Working Group
- Interviews and data

Business and Industry Partners

Regions and Agency Partners

#### Input and Ideas

- Web surveys
- Input maps
- Community and regional events

# Coordination and Collaboration

- Statewide Working Group
- Interviews and data



**Traveling** 

Public

### **Public Outreach Results**

**In-Person Events** 



# Colorado Freight Plan

**Survey Participants** 

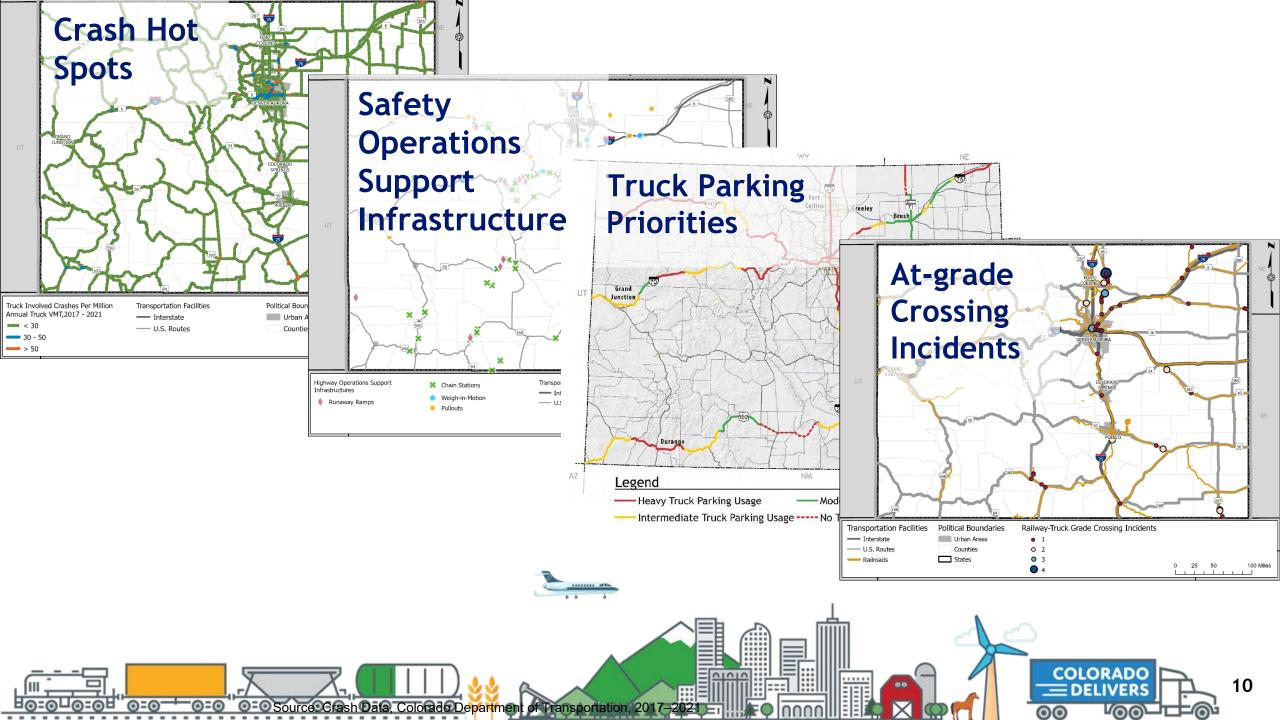


# Hot Topics:



# Safety and Security





# **Safety Strategies**

Commercial Vehicle Safety

#### Truck Parking

- Prioritize Truck Parking Investments
- Emergency Truck Parking
- Truck Parking Information
- Truck Parking Partnerships

Operational Safety Enhancements

Rail Safety

Safety Data

Communications

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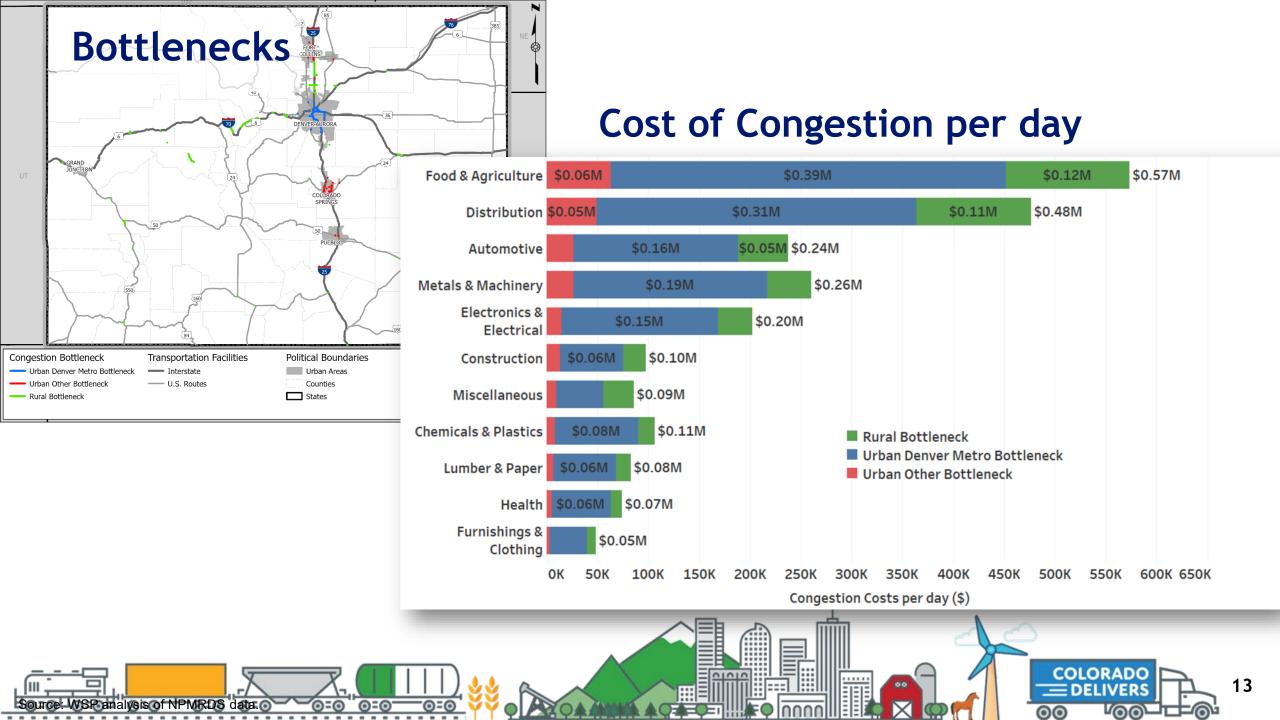




The Mountain Rules I-70 Mountain Corridor Overview

# Mobility





# **Mobility Strategies**

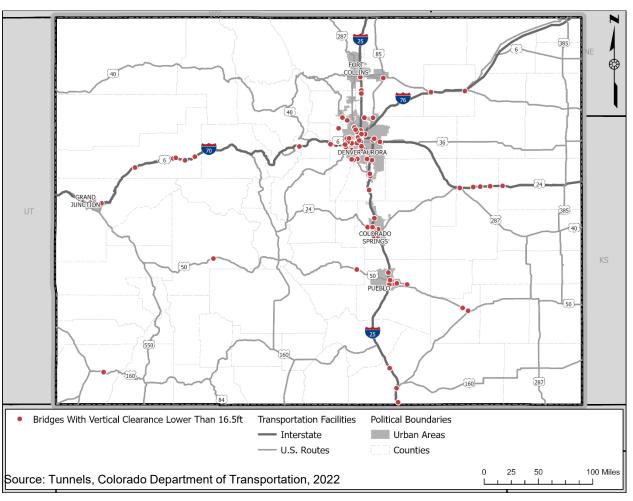


# Maintenance

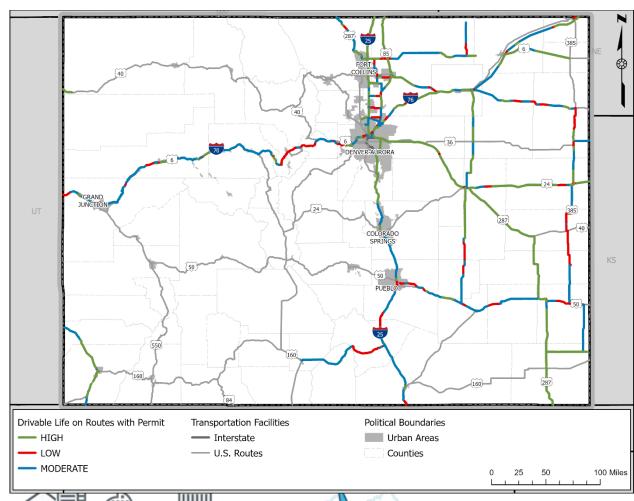


### **Bridge Restrictions and Pavement Condition**

Bridges with Vertical Clearance Lower than 16.5 feet



#### Drivable Life on Primary Over-dimensional Permit Routes





# **Maintenance Strategies**

#### **Bridge Constraints**

Identify and prioritize bridges on freight corridors

#### Freight Rail Condition

#### **System Condition**

Identify and implement maintenance and improvement projects

#### Mitigate Pavement Deterioration

#### Sustainable Funding

Identify sustainable funding sources

#### Timber Bridge Replacement Program

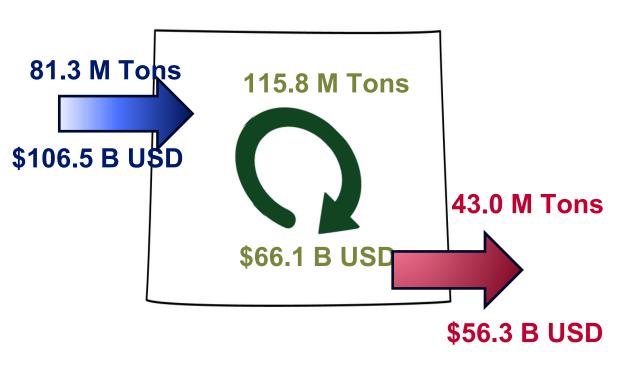




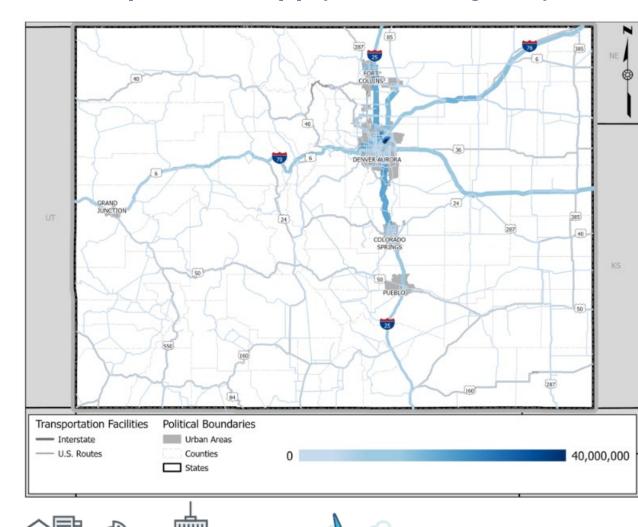
# **Economic Vitality**



### **Commodity Flows**



#### **Important Supply Chain Highways**



Source: S&P TRANSEARCH, 2021

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## **Economic Vitality Strategies**

#### **Education and Communications** Consolidated Intermodal Freight Port Support Colorado Delivers **BNSF** Logistics **Economic Development** Center Hudson BNSF I-76 Intermodal **Economic Coordination** Denver International • e.g., Consolidated intermodal freight port (or inland Airport port) Colorado Air and Space Port Logistics NE Denver Rocky **Freight Workforce** UPRR North Industrial Park Mountain Rail Park BNSF Microsoft Purchase • Improve reliable access to logistics jobs Intermodal Terminal Port Colorado Terminal **Trade and Logistics** Denver Yard **Economic Benefits** Major Highway Denali Logistics Park Regional Airports Railroads Denver International Airport Colorado Air and Space Port Colorado Springs, CO Microsoft Purchase Durango, CO Union Pacific Rocky Mountain Rail Park Grand Junction, CO

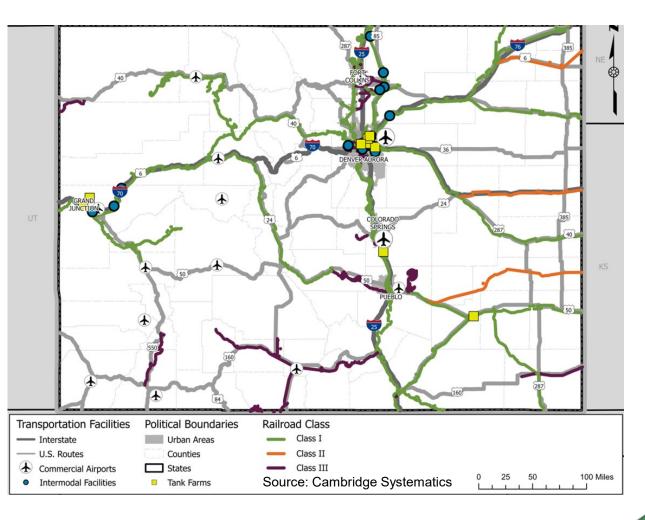
Hayden, CO

# Sustainability & Resiliency

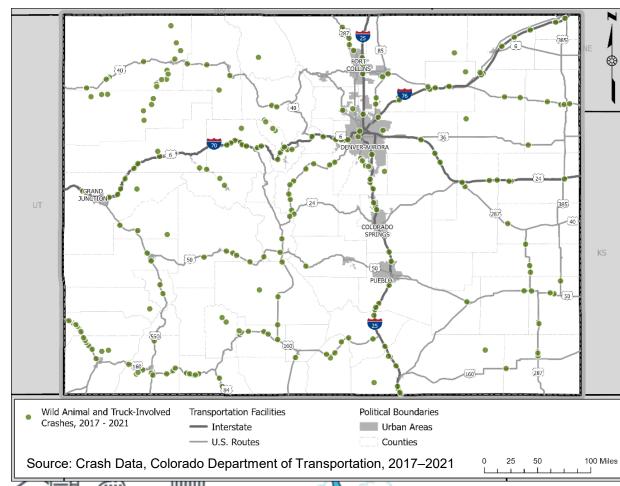


#### **Intermodal Network**

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# Wild Animal Involved Truck-Related Crash Distribution



## Sustainability & Resiliency Strategies

Supply Chain Efficiency Consolidated Intermodal Freight Port Highway Mobility and Operational Improvements Encourage Fleet Turnover Support the Colorado Clean Truck Strategy Pursue Partnerships for Charging Infrastructure Mitigate Wildlife Habitat Loss System Risk and Redundancy

**COLORADO** 



# Colorado Freight Investment Plan



# National Highway Freight Program

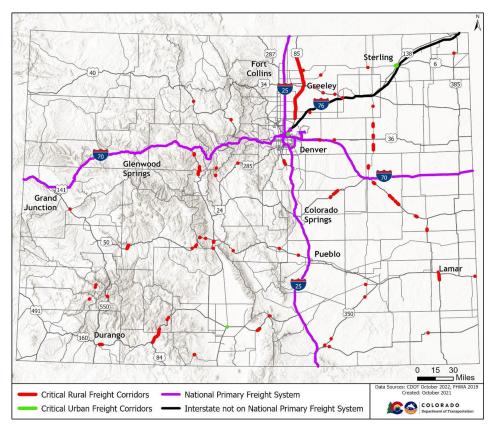
dedicated source of freight funding

3 critical focus areas

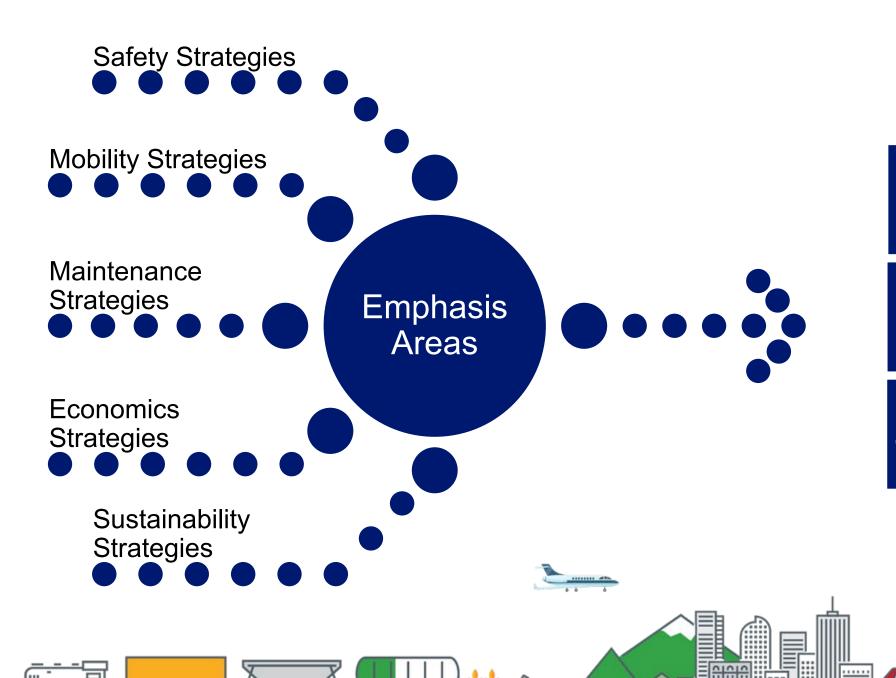
70+ projects funded

\$179 million invested in Colorado





Climbing lanes, truck parking, chain stations, ports of entry, ITS parking and weather, safety improvements, bridge replacement, planning and design



Truck Safety

Freight Operations

Clean Transportation

COLORADO

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### **Emphasis Areas**

#### Truck Safety

- Reduce conflicts
- Shoulders and passing lanes
- Weather-related improvements
- Safety information

#### **Freight Operations**

- Truck parking
- ITS for chain stations and safety pullouts
- In-cab communications
- Runaway truck ramps
- Weigh in Motion

#### Clean Transportation

- Eliminate bottlenecks to reduce emissions
- Removing barriers
- Zero emission charging/fueling
- Emerging technologies (e.g., e-cargo bikes)





### **Next Steps**

5 1 2 3 6 Capture data to **Connect opportunities** Complete plan Collaborate Convene Communicate document by US stakeholders understand issues to strategies and importance of on plan DOT deadline and engage and needs develop freight freight to implementation Colorado and action partners and roadmap traveling public **APRIL 2023** DECEMBER 2023 → MARCH 2024

#### **December**

Executive
Summary
available for
review upon
request

#### **January**

Submit Plan to FHWA for review

#### January - March

Call for projects

#### **March**

FHWA approval

Freight <u>Invest</u>ment Plan







freight.colorado.gov