



**COLORADO**

Department of Transportation

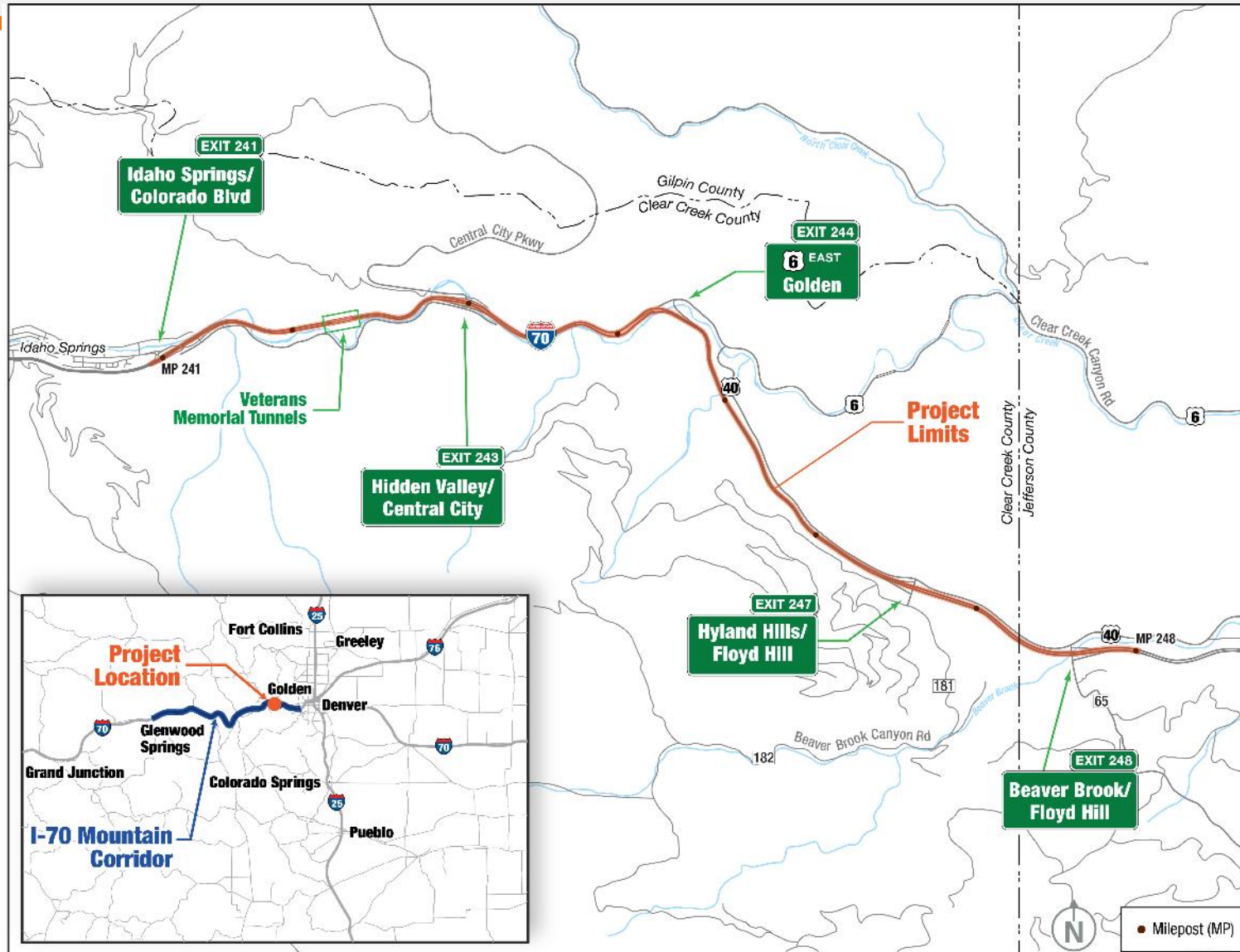
# Floyd Hill to Veterans Memorial Tunnels

## Public Meeting #2

February 27, 2020



# Project Location





# Project Purpose



Improve travel time  
reliability, safety,  
and mobility



Address deficient  
infrastructure



Improve multimodal  
connectivity

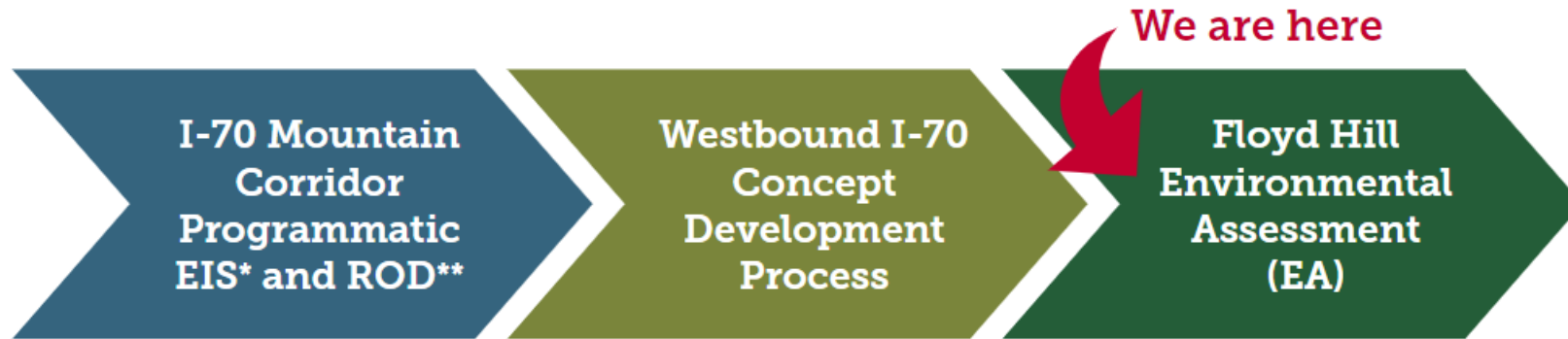


Alternate route for  
emergencies or  
severe weather





# Project Background



The ROD outlines the following improvements specific to the Floyd Hill area:

- ▲ Six-lane component from Floyd Hill through the Veterans Memorial Tunnels including a bike trail and frontage roads from Idaho Springs to Hidden Valley and Hidden Valley to US 6

\* *Environmental Impact Statement*

\*\* *Record of Decision*

Three roadway concepts were recommended for further investigation through the Concept Development Process:

- ▲ Off Alignment (new alignment north of existing I-70)
- ▲ North Alignment (shift I-70 slightly north of existing alignment)
- ▲ South Alignment (shift I-70 slightly south of existing alignment)

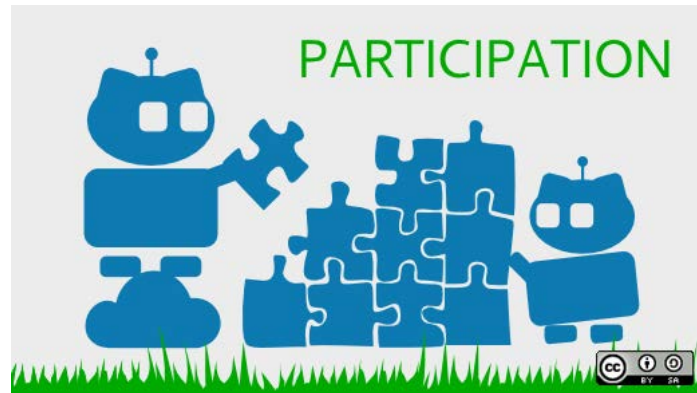
Additionally, multiple interchange access concepts were considered for further investigation.

We are here

The EA alternatives began with evaluation of the recommended concepts from the Concept Development Process. The North Alignment Concept was advanced as a general corridor alignment, and options for the I-70 mainline, interchanges, frontage road, and other project elements were considered within this general concept.

In addition to a No Action Alternative, two alternatives (Tunnel and Canyon Viaduct) were developed to meet project needs and goals. These alternatives will be fully analyzed in the EA. (Visit the Alternatives Displays for additional information)

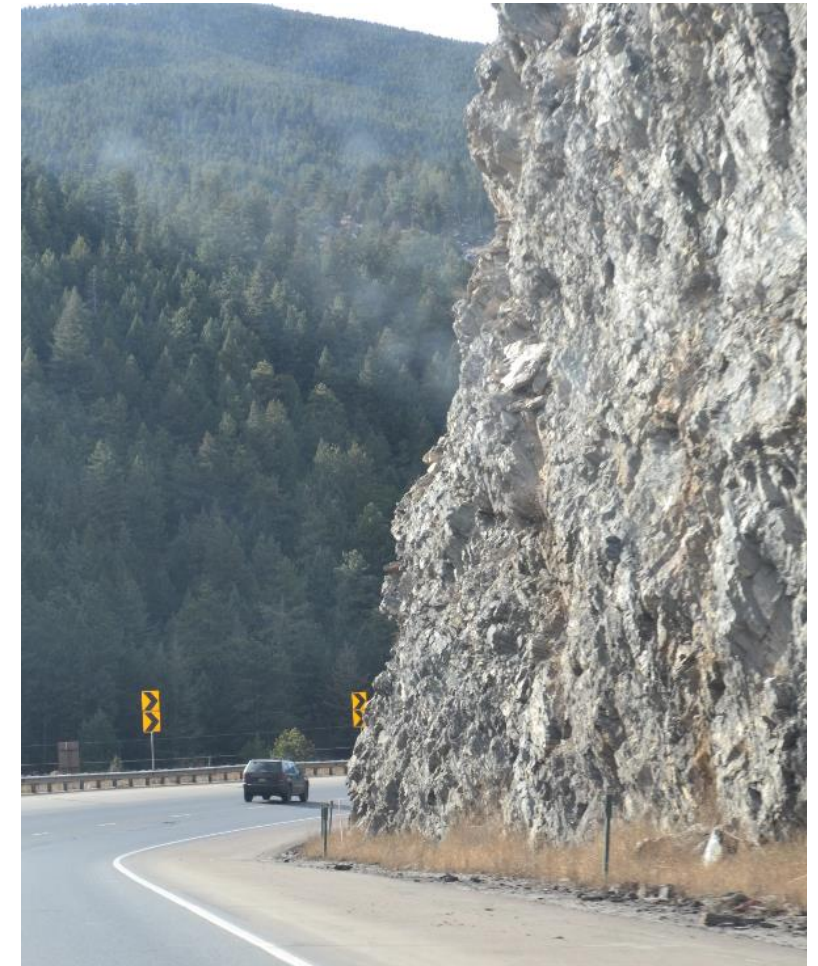
- Context Sensitive Solutions (CSS) Process
  - Project Leadership Team
  - Technical Team
  - Issue Task Forces (Wildlife, Water Quality/Aquatics, Historic)
- Public Input
- Industry experts





# Major Project Elements

- Add third westbound I-70 travel lane from top of Floyd Hill through the Veterans Memorial Tunnels
- New frontage road connection between US 6 and Hidden Valley interchanges
- Improve traffic operations at interchanges and intersections within the project limits
- Enhance safety by flattening curves to improve design speeds and stopping sight distance
- Improve the Clear Creek Greenway
- Reduce animal-vehicle conflicts and improve wildlife connectivity





# Alternatives

- No Action Alternative
  - Replace westbound I-70 bridge in its current location and continue regular highway maintenance
- Tunnel Alternative
  - Major project elements
  - New tunnel for westbound I-70 near US 6 interchange
  - Realign eastbound I-70 on the current highway footprint
  - Construct a frontage road between US 6 and Hidden Valley, either north or south of Clear Creek
- Canyon Viaduct Alternative
  - Major project elements
  - Realign both eastbound and westbound I-70 between US 6 and Hidden Valley on a viaduct
  - Construct a frontage road on the current I-70 alignment





# East Section: Floyd Hill to US 6



FLOYD HILL

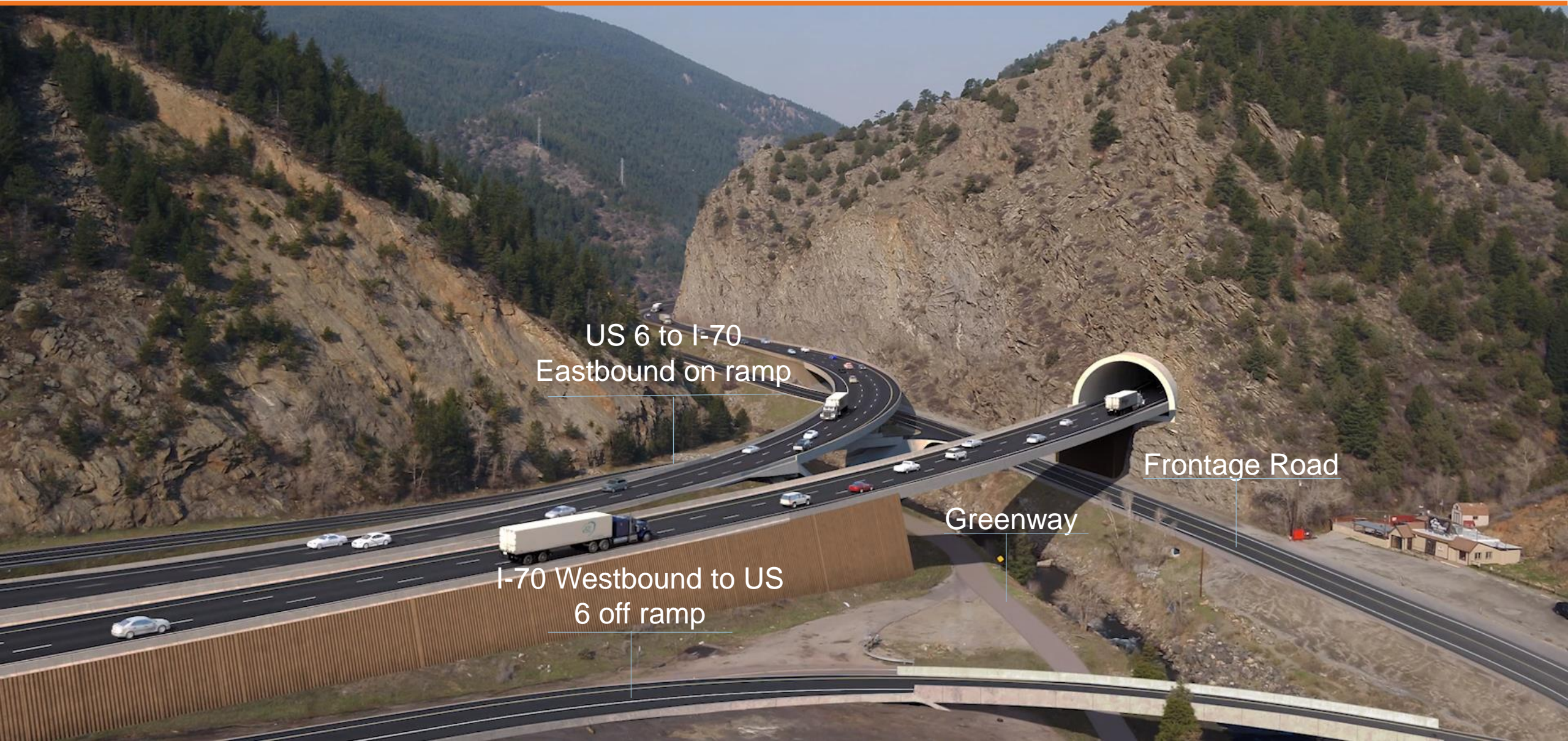
US 40

US 6





# Central Section: US 6 to Hidden Valley TUNNEL ALTERNATIVE



US 6 to I-70  
Eastbound on ramp

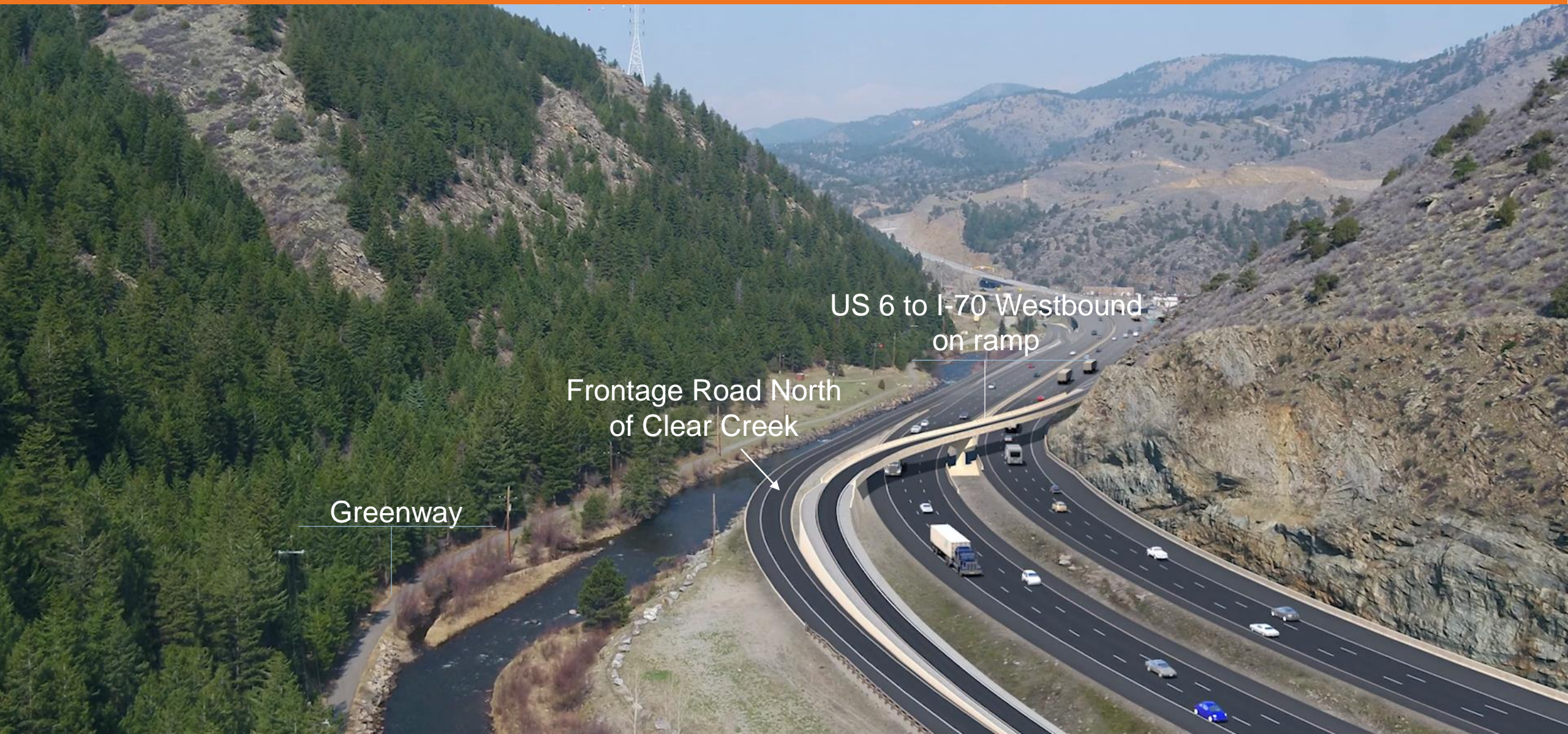
Frontage Road

Greenway

I-70 Westbound to US  
6 off ramp



# Central Section: US 6 to Hidden Valley TUNNEL ALTERNATIVE, North Frontage Road



Greenway

Frontage Road North  
of Clear Creek

US 6 to I-70 Westbound  
on ramp



# Central Section: US 6 to Hidden Valley TUNNEL ALTERNATIVE, South Frontage Road





# Central Section: US 6 to Hidden Valley CANYON VIADUCT ALTERNATIVE





# Central Section: US 6 to Hidden Valley CANYON VIADUCT ALTERNATIVE





# Central Section: US 6 to Hidden Valley CANYON VIADUCT ALTERNATIVE





# West Section: Hidden Valley to Veterans Memorial Tunnels



Realign ~1,200 feet  
of Clear Creek

Frontage Road  
and Greenway



# Key Community and Environmental Resources

- Residential neighborhoods and community resources
- Minority and low-income populations
- Open space and recreational resources
- Regulated materials sites, including the Clear Creek Superfund site
- Cultural resources
- Wildlife and threatened and endangered species
- Water Resources (Clear Creek, wetlands, water quality)
- Right of Way
- Geology/Topography
- Noise, air quality, traffic (primarily during construction)







# Costs and Funding

- Preliminary cost estimates range from \$600 to \$700 million
- CDOT has identified \$100 million for the Project plus an undetermined amount from Colorado Bridge Enterprise
- CDOT and the High Performance Transportation Enterprise (HPTE) are looking at financial scenarios to close the funding gap





# Project Schedule

- 20% Design and Environmental Impacts Analysis - Now through Late 2020
- Publish Environmental Assessment and Public Hearing - Late 2020
- Complete Environmental Assessment process - Early 2021\*
- Construction Commencement - 2022\*

*\*Pending additional Project funding identification*



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Send a letter:  
**425A Corporate Circle  
Golden, CO 80401  
Attn: Floyd Hill Project Team**

**Or simply stop by the comment station  
to write down your comments!**





# Major Elements of Proposed Action

