



I-70 Floyd Hill Project

Welcome

Tonight's meeting includes an overview of the project development process, information on Early Projects under way and an introduction to the main project construction.

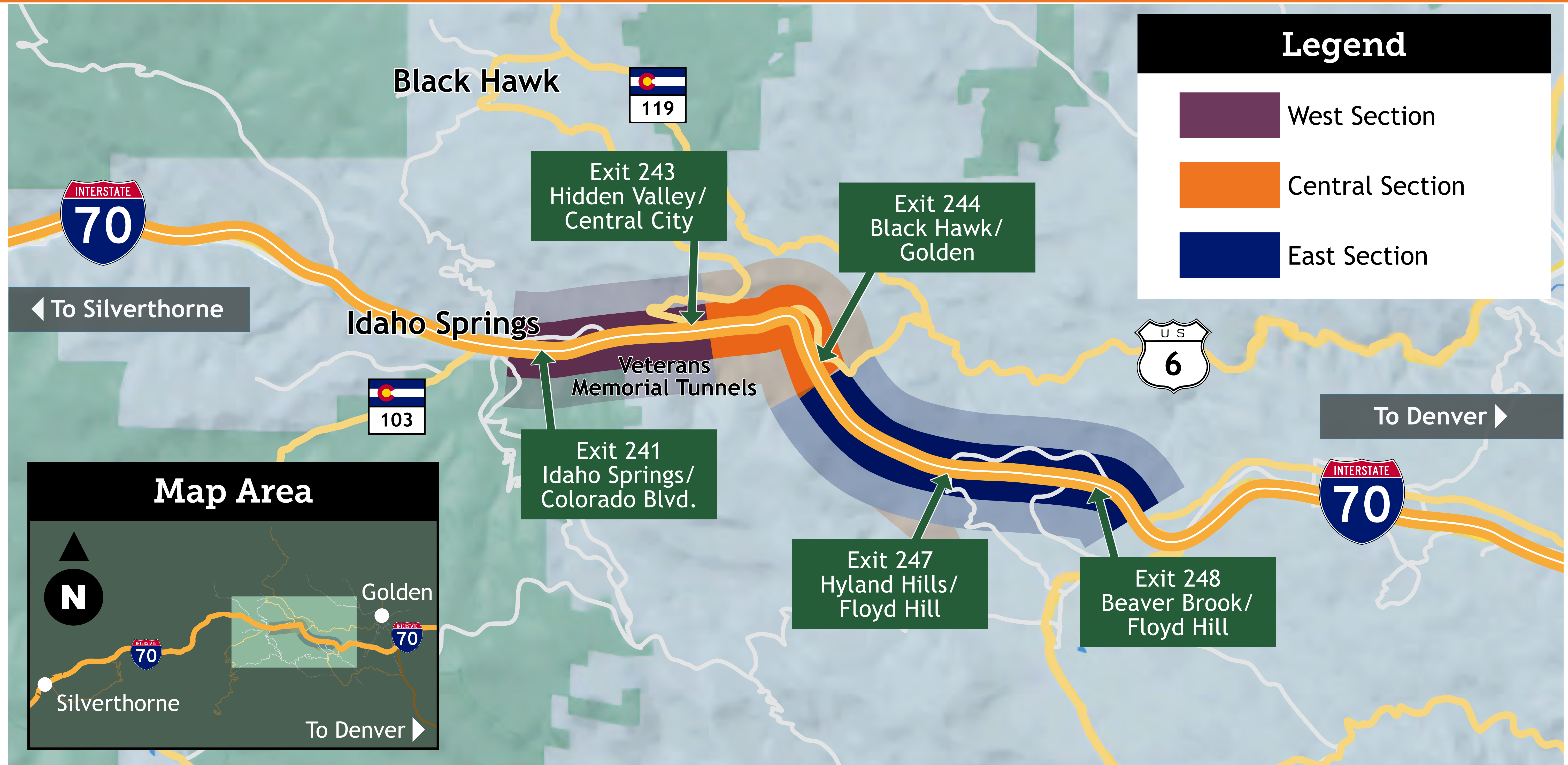
Schedule:

6-6:30 p.m.	Sign-in and Open House
6:30-7 p.m.	Presentation
7-8 p.m.	Open House



I-70 Floyd Hill Project

Project Location



Geographic Sections of I-70 Floyd Hill Project



I-70 Floyd Hill Project

Need for This Project



Long and Unreliable Travel Times

Congestion negatively impacts local and state economies; decreases commuter, traveler and freight mobility; increases crashes and hinders emergency response. This project will address the bottleneck along I-70 at Floyd Hill and improve travel time reliability.



Aging Infrastructure

The I-70 Floyd Hill bridge above Clear Creek needs to be replaced due to age, wear and tear, and heavy usage. This project will rebuild bridges to today's safety standards.



Safety Concerns

The lack of a parallel route to I-70 between US 6 and Idaho Springs hinders emergency response times. This project will build a frontage road between US 6 and Hidden Valley/Central City Parkway and straighten curves to improve safety.





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Roadway Improvements

Project features include:

- Adding a third westbound I-70 travel lane in this two-lane bottleneck. This new lane will be a full-time, tolled Express Lane.
- Constructing a missing two-mile section of the frontage road between US 6 and the Hidden Valley/Central City Parkway interchange.
- Adding an extended on-ramp from US 6 to eastbound I-70, giving trucks room to merge.
- Improving traffic flow and access at interchanges and intersections.
- Straighten curves on I-70 to improve safety and achieve a 55 mph design speed.



Rendering of future improvements on I-70 looking east from the bottom of Floyd Hill.



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Environmental and Recreational Improvements

Project features include:

- Improving the Clear Creek Greenway trail.
- Enhancing wildlife movements under bridges and along Clear Creek.
- Installing wildlife fencing to reduce wildlife-vehicle collisions.
- Monitoring air and water quality.
- Improving stream and riparian conditions for fish, wildlife, and recreational users.
- Providing noise mitigation for residential properties in eastern Idaho Springs.



Rendering of Clear Creek Greenway trail looking west beneath the new I-70 viaduct.



Throughout the development of this project, CDOT has engaged with a wide range of stakeholders including:

Local Government Agencies

- Central City
- City of Black Hawk
- City of Idaho Springs
- Clear Creek County
- Gilpin County
- Jefferson County
- Town of Empire

Federal, State and Local Agencies

- Colorado Department of Public Health and Environment
- Colorado Parks and Wildlife
- Denver Regional Council of Governments
- Federal Highway Administration
- US Army Corps of Engineers
- US Environmental Protection Agency
- US Fish and Wildlife Service
- US Forest Service

Environmental and Recreation Groups

- Clear Creek Bikeway User Group
- Clear Creek County Open Space
- Clear Creek Greenway Authority
- Trout Unlimited
- Upper Clear Creek Watershed Group

Community Organizations

- Clear Creek County School District
- Colorado Motor Carriers Association
- Emergency services and law enforcement representatives
- Floyd Hill Property Owners Association
- Saddleback Mountain Property Owners Association
- I-70 Coalition

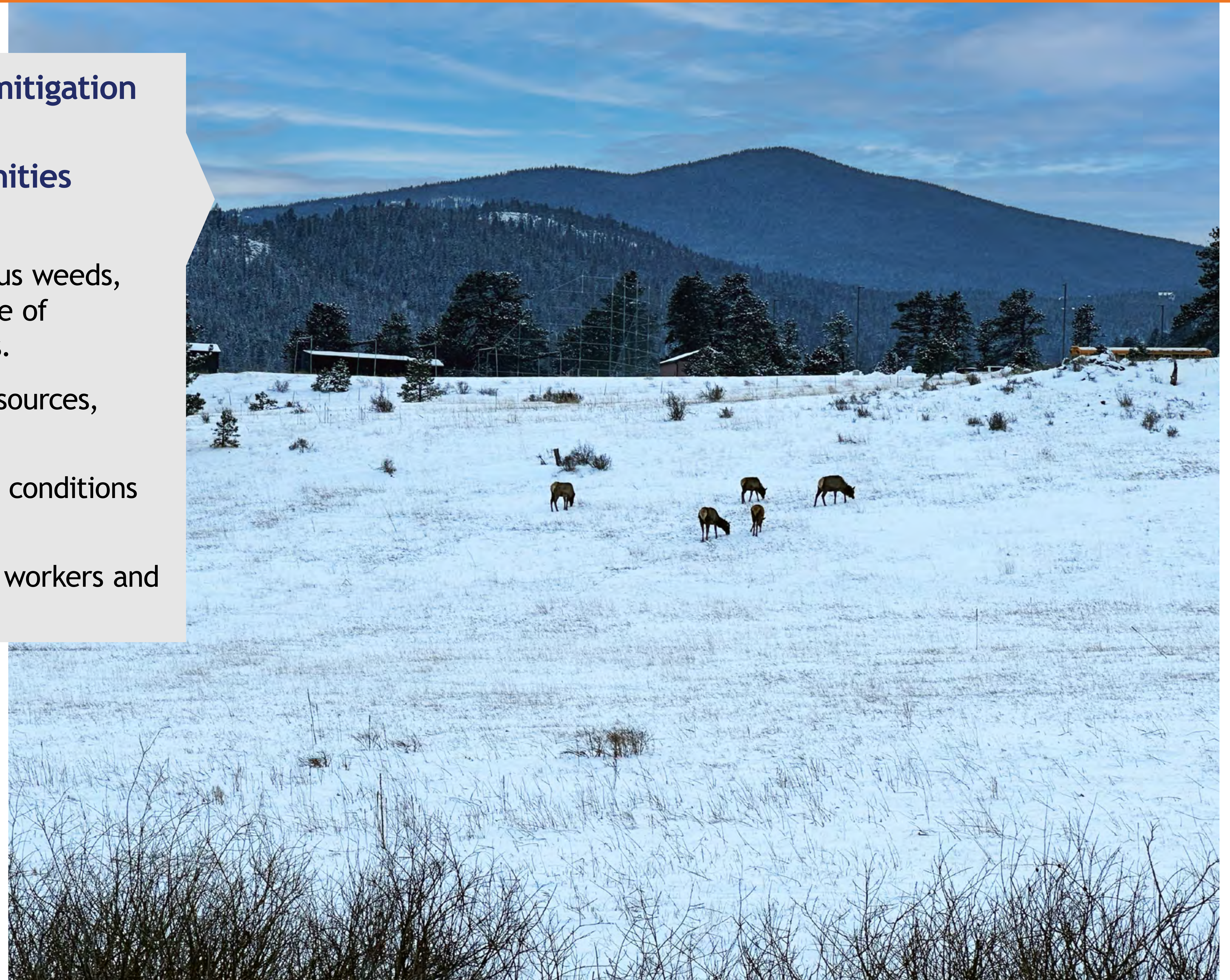


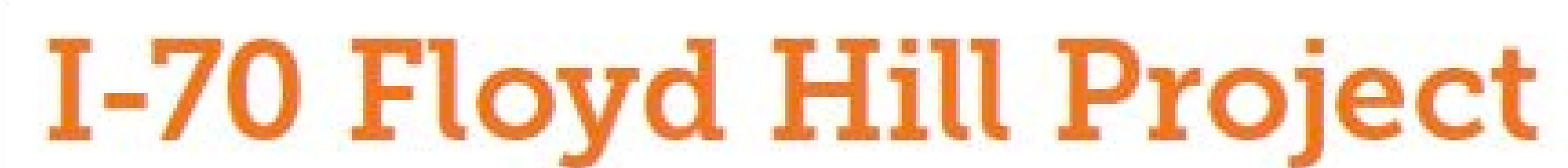
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Environmental Construction Mitigations

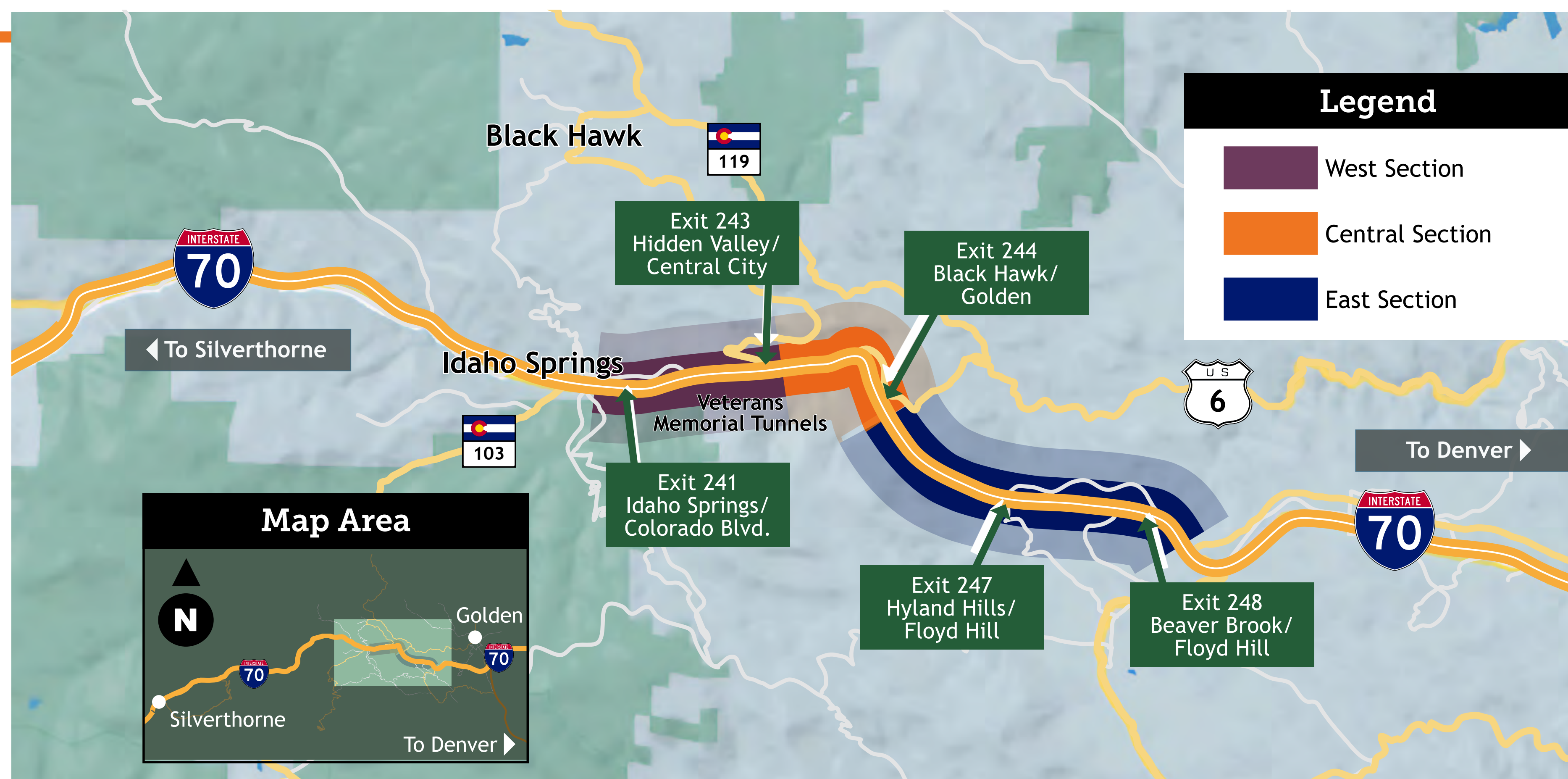
The project includes more than 100 mitigation commitments to minimize impacts to environmental resources and communities during construction, including:

- Minimizing dust, stormwater runoff, noxious weeds, vehicle emissions, lighting, and disturbance of contaminated sites or hazardous materials.
- Protecting sensitive water and wetland resources, such as fencing, no-work zones, etc.
- Installing air quality monitors and tracking conditions during construction.
- Mitigating rockfall to protect construction workers and motorists, such as mesh, netting, etc.





Floyd Hill Construction Timeline





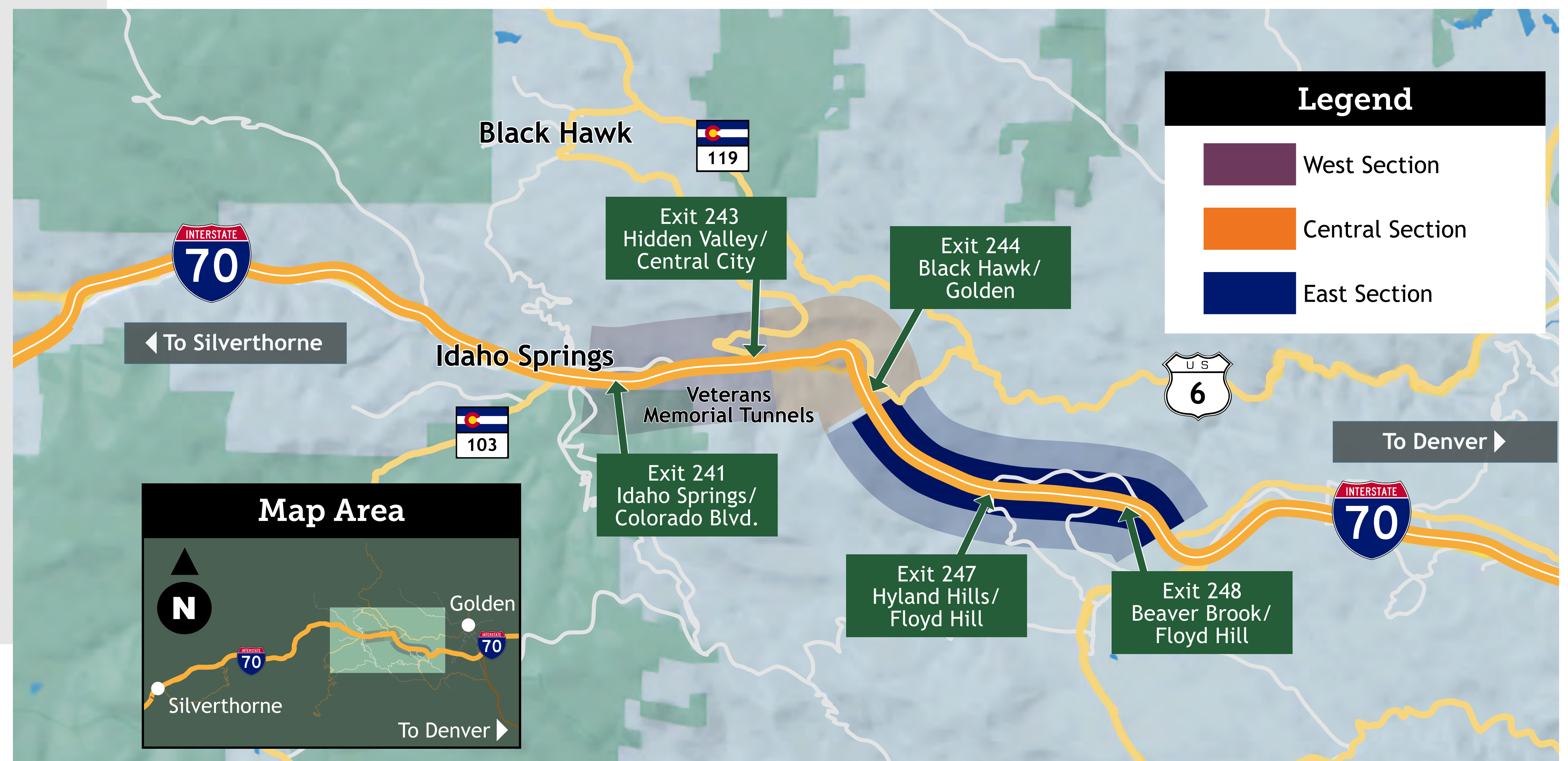
Overview:

- Improve operations by adding an extended on-ramp from US 6 to eastbound I-70, giving trucks room to merge.
- Improve drainage and add water quality features.
- Build a third travel lane on westbound I-70 that will operate as a full-time, tolled Express Lane from the top of Floyd Hill to the Veterans Memorial Tunnels.
- Install wildlife fencing between Hyland Hills/Floyd Hill (Exit 247) and Soda Creek Road (east of Exit 248).

East Section

(CR 65 to bottom of Floyd Hill)

Construction start: Early summer 2023





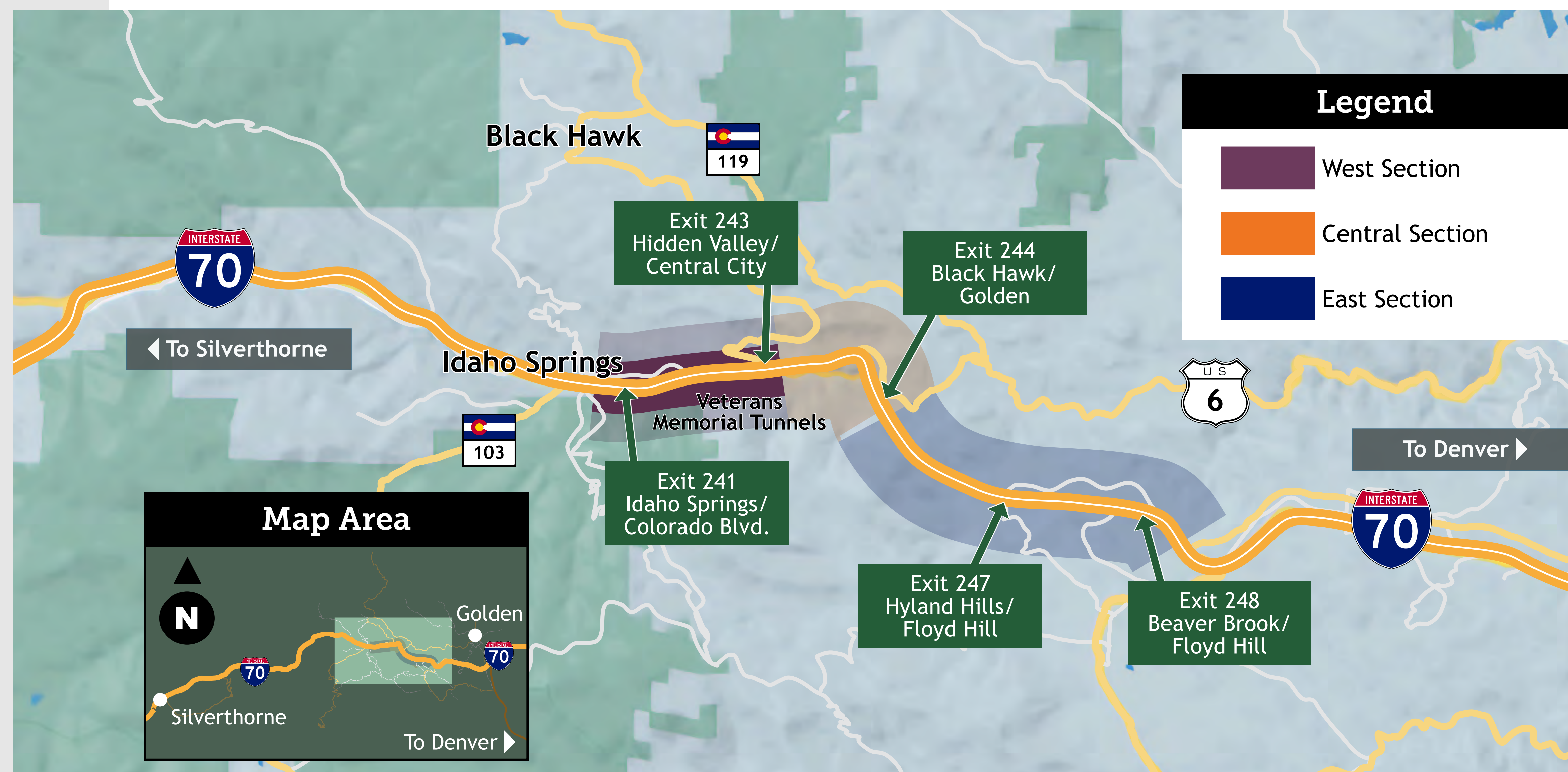
Overview:

- Construct the westbound I-70 Express Lane through the Veterans Memorial Tunnels to Idaho Springs/Colorado Blvd.(Exit 241).
- Straighten I-70 curves to improve safety and achieve a 55 mph design speed.
- Rebuild the bridges over Clear Creek, just west of Hidden Valley.
- Resurface/reconstruct the Clear Creek Greenway trail from the Hidden Valley interchange to the Veterans Memorial Tunnels.
- Install a noise wall east of Idaho Springs at Idaho Springs/Colorado Blvd.(Exit 241).
- Avoids impacts to County Road 314, which will remain open during construction.

West Section

(Hidden Valley to Idaho Springs)

Construction start: Fall 2023





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Central Section

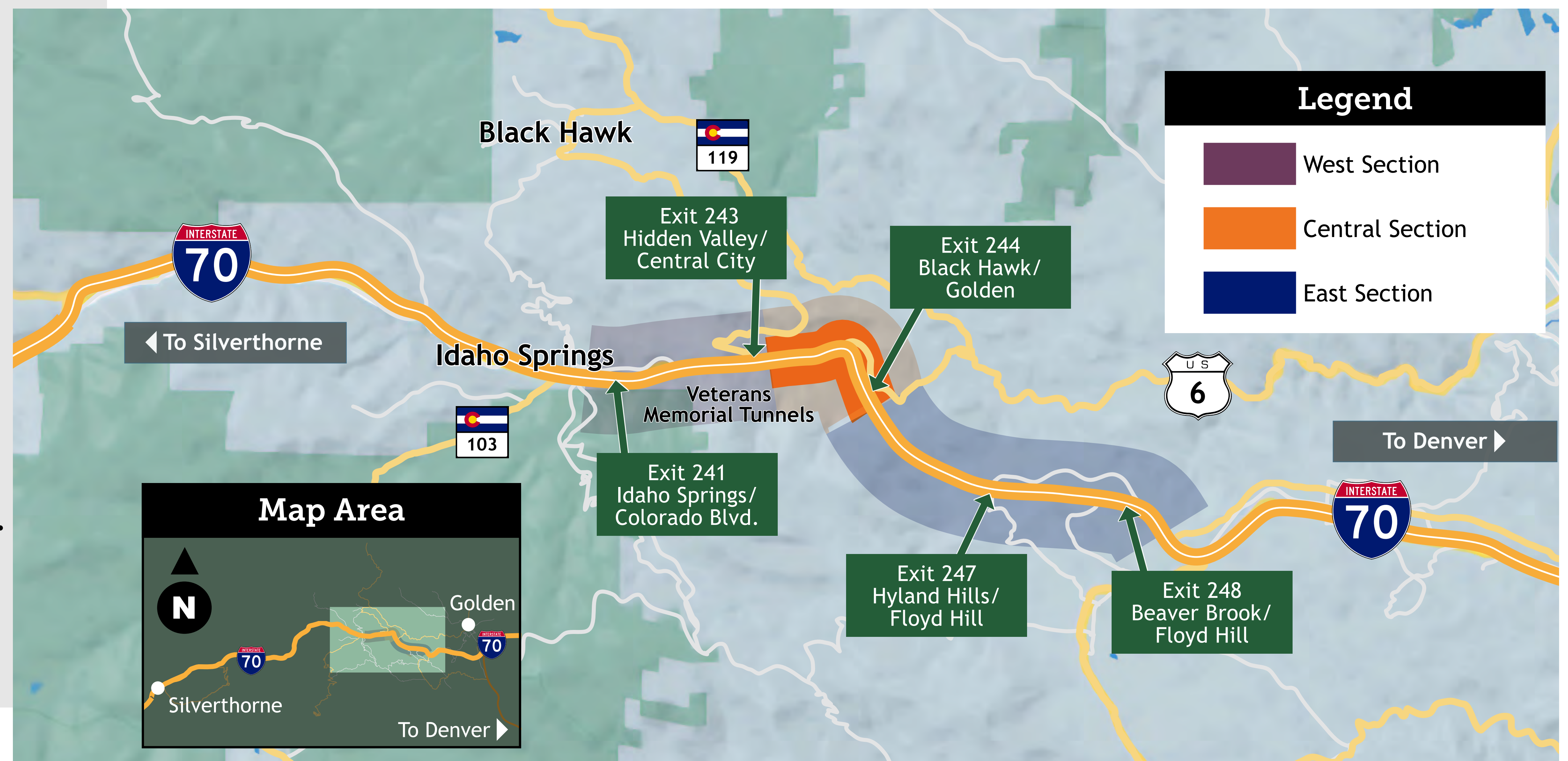
Overview:

- Complete construction of the westbound I-70 Express Lane.
- Elevate I-70 above Clear Creek Canyon.
- Straighten curves on I-70 to improve safety and achieve a 55 mph design speed.
- Construct a new on-ramp to eastbound I-70 from the bottom of Floyd Hill/ US 6, which will connect to the new eastbound I-70 extended on-ramp for heavy commercial or slow-moving vehicles.
- Reconstruct the Clear Creek Greenway trail from the bottom of Floyd Hill to County Road 314.

Central Section

(middle of Floyd Hill to Hidden Valley)

Construction start: Early 2024



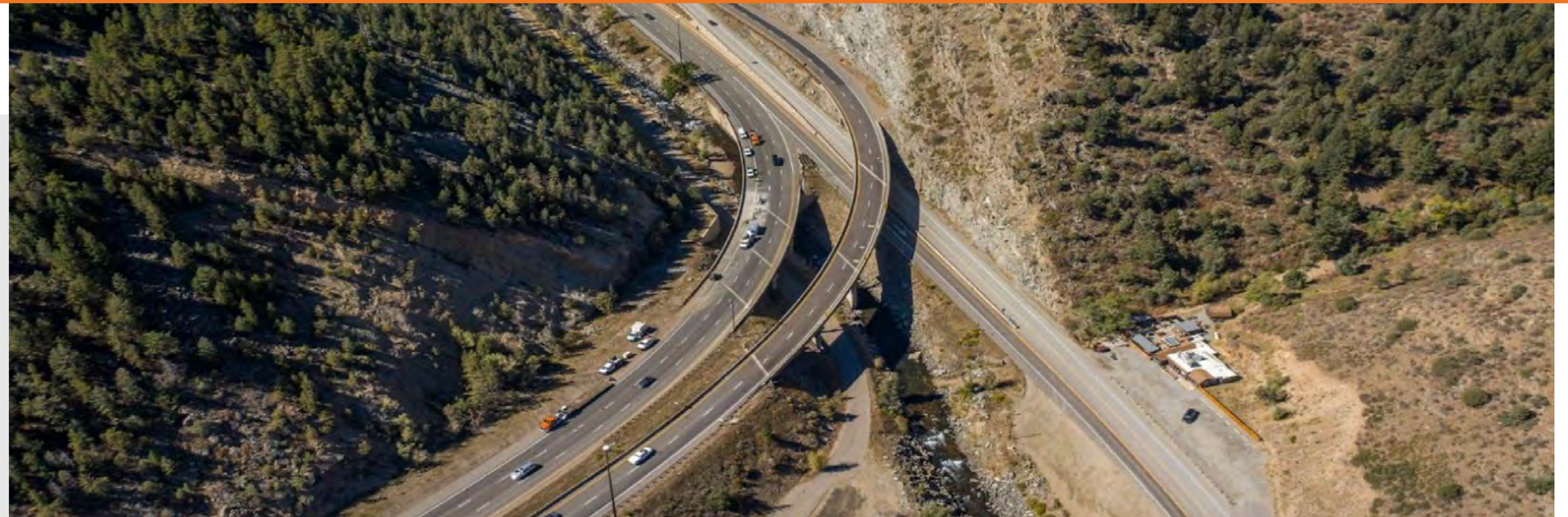


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Central Section

Central Section Overview:

- Improving access and operations at the I-70/US 6 interchange.
- Replace bridges at the bottom of Floyd Hill.
- Construct a new frontage road connection between the US 6 and Hidden Valley/Central City Parkway interchanges.



Rendering looking west at the bottom of Floyd Hill where the westbound lanes of I-70 will cross over the top of the eastbound lanes.



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CDOT Safety Efforts

- Incorporate emergency pull offs as part of project phasing.
- Traffic stops during blasting/scaling.
- Temporary protection fences during rock excavation work.
- Partner with emergency response agencies for quick clearance of incidents.
- Limit points of interaction between construction and public traffic.
- Barrier separation between construction workers and motorists.
- Coordinate with rafting companies and trail users to maintain safe passage and access.
- Reduce speed limits.
- Coordinate with CDOT Courtesy Patrol.
- Provide accurate and timely information to motorists and residents through text alerts, e-blasts and social media posts.





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Keeping I-70 Moving

Efforts to keep I-70 moving during construction include:

- Keeping all lanes and ramps open during peak traffic times.
- Ensuring lane closures are responsive to current traffic patterns.
- Innovating complex work above the roadway so it doesn't impede traffic.
- Building new roadway sections adjacent to current lanes to keep traffic moving.



Rendering looking to the north of I-70 over Sawmill Gulch just west of the bottom of Floyd Hill.

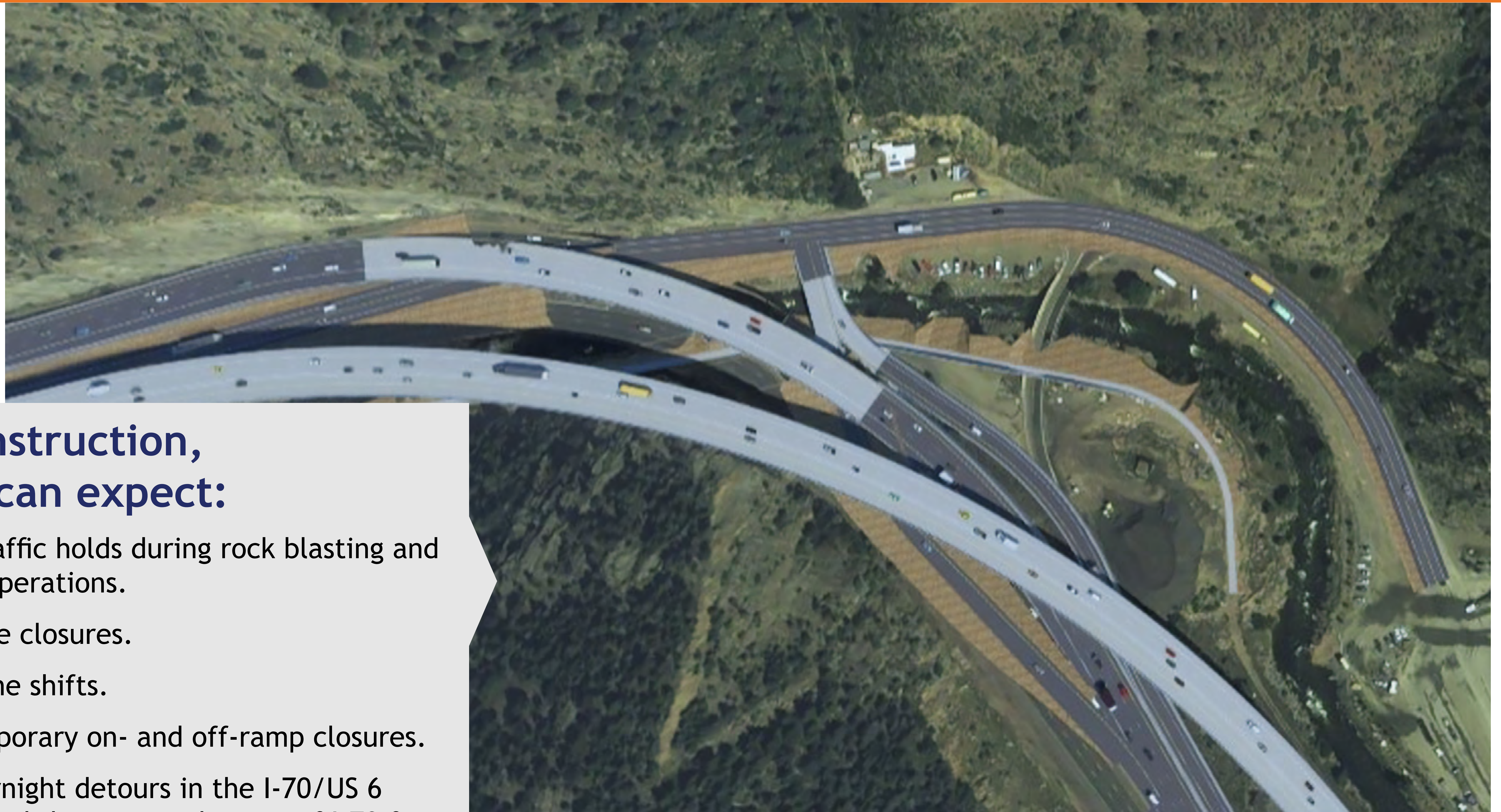


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General Traffic Impacts

During construction, motorists can expect:

- Occasional traffic holds during rock blasting and rock scaling operations.
- Overnight lane closures.
- Temporary lane shifts.
- Periodic, temporary on- and off-ramp closures.
- Periodic, overnight detours in the I-70/US 6 interchange and short-term closures of I-70 for safety critical work.
- Temporary closures of the Clear Creek Greenway trail.



Rendering looking to the north. The westbound lanes of I-70 are elevated above the eastbound lanes at the bottom of Floyd Hill.

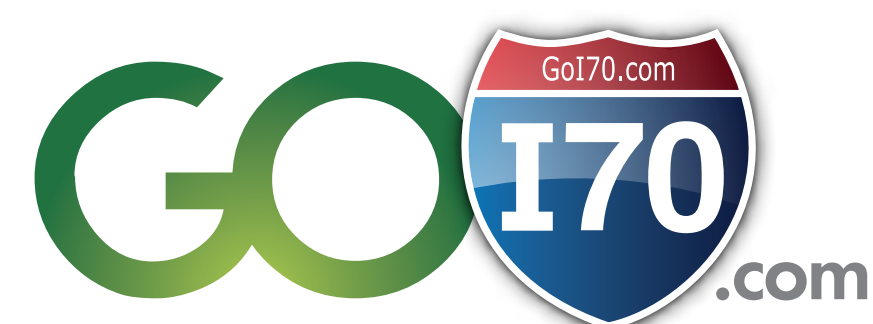


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Explore Better Travel Options

Make your trip along the I-70 mountain corridor easier:

- Carpool using TreadShare. Download the app and pair with a rider or driver to share the trip.
- Use regional transit. Take Bustang, Snowstang, Outrider or Pegasus along I-70 and use local transit options to get around.
- Change your peak travel time. Use the GoI70.com travel forecast to plan your trip and avoid traffic.



Follow @goi70_co on Instagram or GoI70.com on Facebook to learn more!

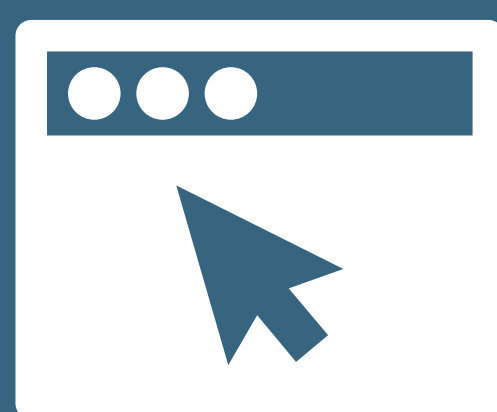


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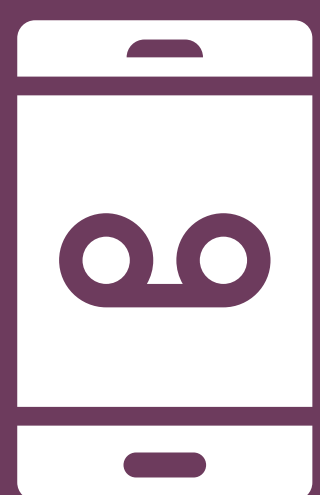
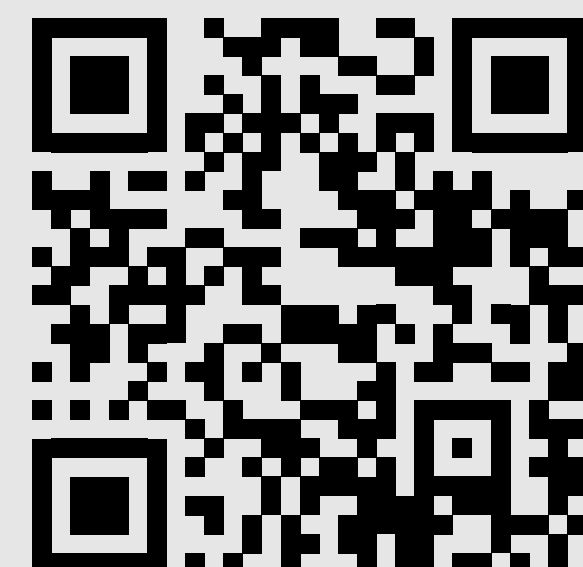
Stay Informed



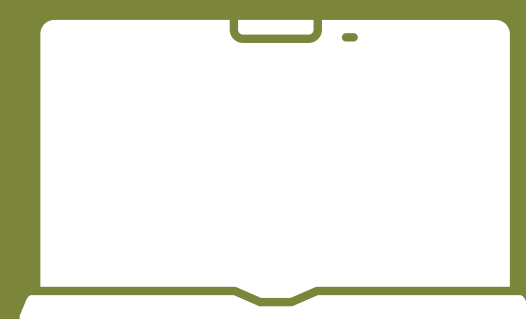
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Text floydhill to 21000



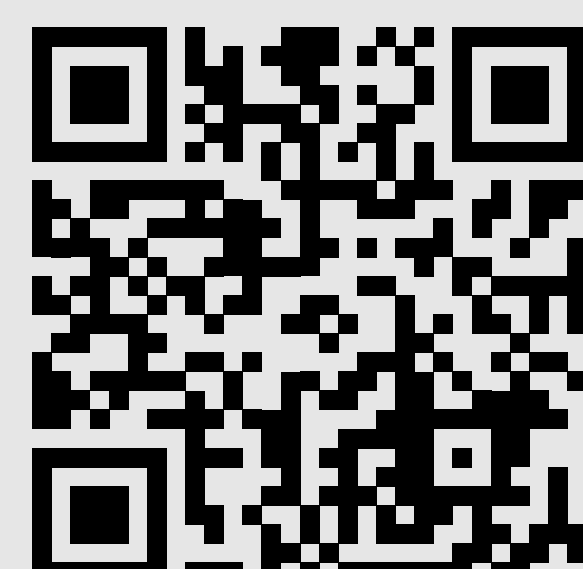
Visit the project website:
codot.gov/projects/i70floydhill



Leave a voicemail:
720-994-2368 (CDOT)



Check COtrip.org for
real-time lane closures
and traffic impacts.



For statewide transportation information:



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- ☐ I-25 Douglas County Concrete Rehabilitation
- ☐ I-25 Dry Creek Ramp Improvements
- ☐ I-25 South Gap (Denver to Monument)
- ☐ I-70 & Harlan Street Bridge Replacement & Interchange Safety Improvements
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- ☐ I-70 Westbound Peak-Period Shoulder Lane
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