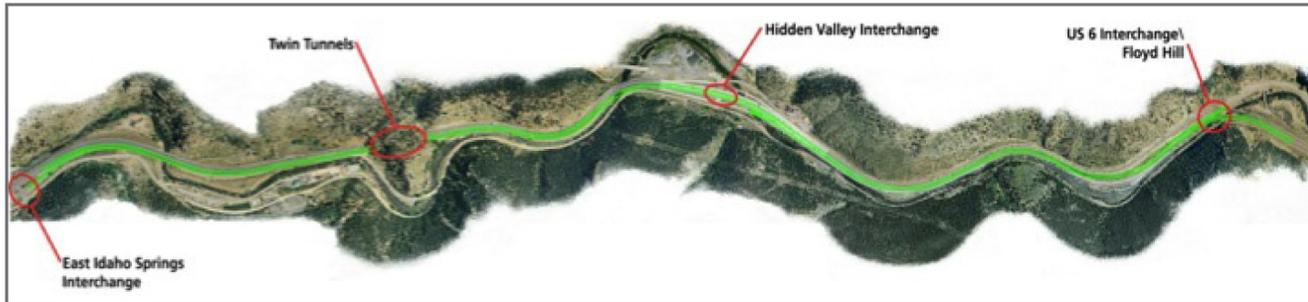


I-70 TWIN TUNNELS eastbound IT'S ABOUT :TIME.

factsheet



Project Area

What is the Twin Tunnels Design and Construction Project?

The Twin Tunnels Design and Construction Project was created to improve safety and mobility in the I-70 Mountain Corridor by adding one eastbound lane from the East Idaho Springs Interchange to US 6, including expanding the eastbound tunnel. Crews will also reconstruct the eastbound bridge over Clear Creek to flatten the curve at Hidden Valley. The added infrastructure will enable managed lane operations in the future. This is the first project under construction as part of the I-70 Mountain Corridor.

What will happen during construction?

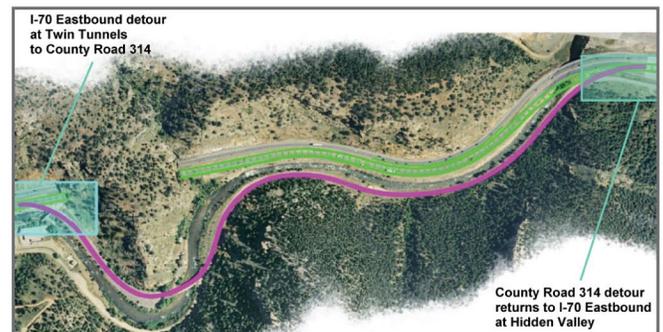
The Twin Tunnels contractor, Kraemer/Obayashi Joint Venture, will be working on the entire project corridor simultaneously to expedite construction. To minimize the impacts to the traveling public, CDOT is constructing a detour to reroute all eastbound traffic onto the frontage road that parallels I-70 and Clear Creek. Traffic will be moved onto this detour route just west of the Twin Tunnels and then directed back to I-70 just west of the Hidden Valley Interchange.

- The detour will be in place, 24 hours a day, seven days a week, from April 2013 through late 2013.
- During construction, two lanes, both east and westbound, will always be open during peak travel times.
- Pedestrian and bicycle access will be maintained along CR 314.

How will the tunnel be widened?

Kraemer/Obayashi will excavate the eastbound tunnel using state-of-the-art blasting techniques designed to protect the safety of the workers, traveling public and nearby structures. The conditions of the rock inside the tunnel will dictate the blasting schedule, and we will continue to refine the schedule once we begin to progress with tunnel excavation. You can expect the following during blasting:

- Several blasting sequences per day.
- All I-70 traffic and recreational users of Clear Creek will be stopped a safe distance from the Twin Tunnels prior to blasting.
- Closures will last approximately 20 to 30 minutes with all traffic cleared within one hour of the closure.
- Westbound closures will typically last longer than eastbound closures so crews can inspect the tunnel prior to letting vehicles travel through it while eastbound traffic is moved onto the detour route around the tunnel.
- **No blasting closures will occur during high volume traffic periods.**
- Blasting noise levels will depend on the proximity to the blast. People will most likely hear a series of popping sounds rather than a large bang or boom.



Frontage Road Detour



What is the construction schedule?

WHEN	WHAT
<p>Late fall 2012 - winter 2012 <i>Preparation work during ski season with limited lane closures</i></p>	<ul style="list-style-type: none"> • Preparation for tunnel work • Construction of the primary detour • Construction of portions of the new bridge over Clear Creek • Rehabilitation of Doghouse Rail Bridge
<p>Spring - fall 2013 <i>Traffic is shifted onto CR 314 detour in April 2013. Tunnel reopens by late 2013.</i></p>	<ul style="list-style-type: none"> • Shifting of all eastbound traffic onto the new detour • Construction of tunnels and retaining walls • Widening of the median • Completion of the bridge over Clear Creek • Construction of a chain station
<p>Late fall 2013 - summer 2014</p>	<ul style="list-style-type: none"> • Removal of the detour crossover paving at I-70 • Finish final project punch list items • Construction the final wall aesthetic treatments

How do I cope with construction?

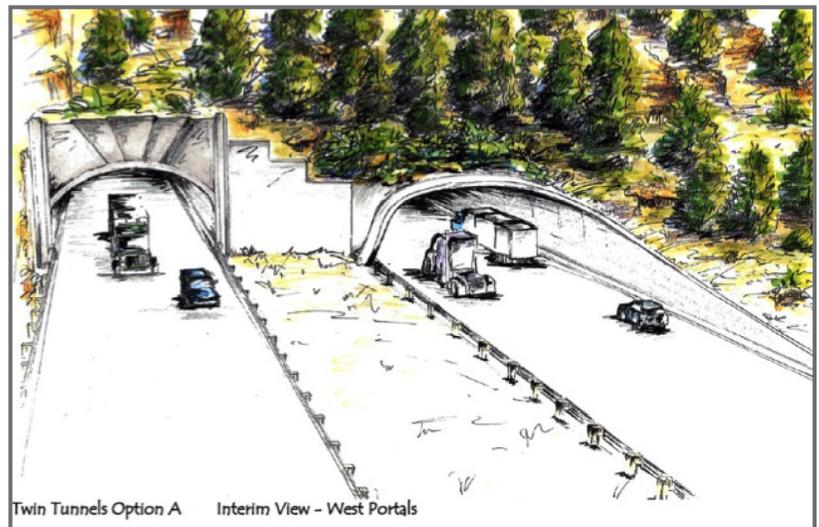
CDOT is very focused on minimizing inconvenience to nearby residents, businesses and the travelling public.

During construction:

- Keep coming to the mountains for recreation, shopping and dining – you will be able to get to and from your destination during construction.
- Two lanes of traffic in each direction will be maintained during high traffic volume periods (just like it is today).
- A courtesy patrol will be provided on weekends and during heavy construction activities.
- Lane closures (including blasting closures) are restricted to lower traffic volume periods. Typical lane closure expectations:
 - During weekdays and overnight (Monday through Friday)
 - Overnight on weekends (Friday through Sunday)
- You can save money and minimize air pollution in our mountains by turning off your car while you are idling during closures.

How do I get more information?

- Call our project hotline (303-327-4034) for current construction activities, lane closures and daily blasting schedules.
- Visit our project website at coloradodot.info/projects/i70twintunnels
- Register on the project website for e-mail and text alerts.
- Request a presentation, informational posters, flyers and other information for your business or organization.
- Look for signage along the corridor prior to major construction activities.



Proposed Design: Tunnel Portals

