

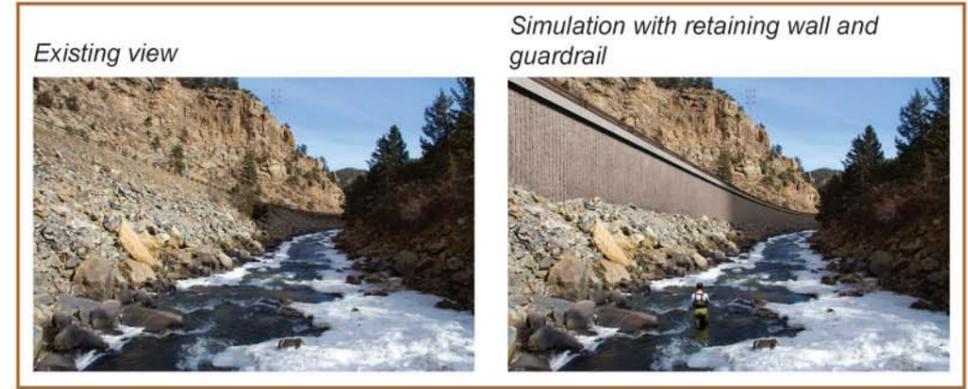
# Environmental Impacts

## Recreation Resources

- Closure of one of seven Clear Creek boating accesses in project area

## Reduced parking at Kermitts boating access and trailhead

- Changes to Scott Lancaster Memorial Trail during construction

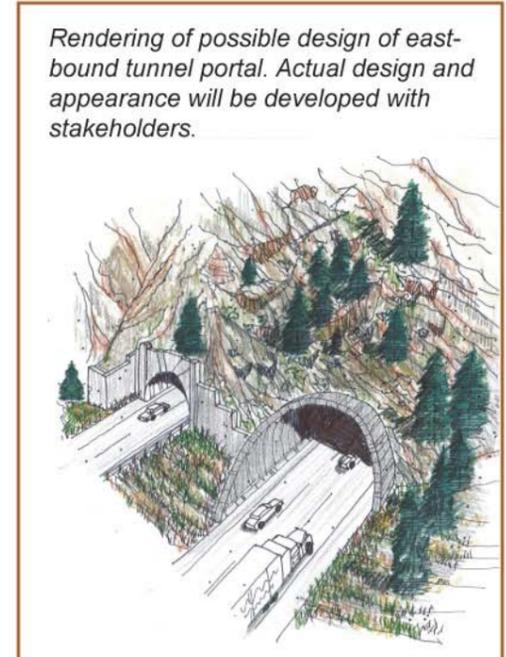


## Visual Resources

- Visual impacts from retaining walls on Clear Creek
- Recreationalists experience greater visual impacts than drivers because view duration is longer.
- Changes to tunnel portals

## Historic Properties

- Adverse effects to historic characteristics of Twin Tunnels due to expansion of tunnel and removal and replacement of portal faces



## Noise

- Continued high noise levels at Scott Lancaster Memorial Bridge
- Construction noise impacts from tunnel blasting at nearby residences and businesses

## Air Quality

- Potential for dust emissions during tunnel blasting

## Wildlife

- Permanent loss of 5.7 to 6.2 acres of habitat
- No direct permanent impacts to big game migration corridors, critical winter range, or winter concentration areas

## Water Resources and Aquatic Habitat

- Increased pavement will increase volume of runoff, sediment, nutrients, chlorides and trace metals
- No permanent stream channel impacts
- Unlikely to exceed water quality standards in Clear Creek
- Temporary degradation of water quality during construction could disturb brown trout spawning areas and aquatic species habitat

