



COLORADO Department of Transportation Cottonwood Pass Concept Design Property Owner/Residential Issue Task Force (ITF) Meeting #2 November 15, 2022

Welcome!



AGENDA

- Project overview
- Design options and existing conditions considerations
- Next steps
- Group discussion/Q&A

WHAT TO EXPECT

- A mix of presentation and interactive polling
- Respectful communication
- ITF input used to inform evaluation and refinement of concept designs at each site



Project team presenters



Karen Berdoulay CDOT Region 3 East Program Engineer



Jacob Rivera CDOT Region 3 Project Manager



Stacy Tschuor David Evans and Associates, Inc. Project Manager



Sarah Rachal-Dormand David Evans and Associates, Inc. Engineer



Leah Langerman David Evans and Associates, Inc. Public Engagement

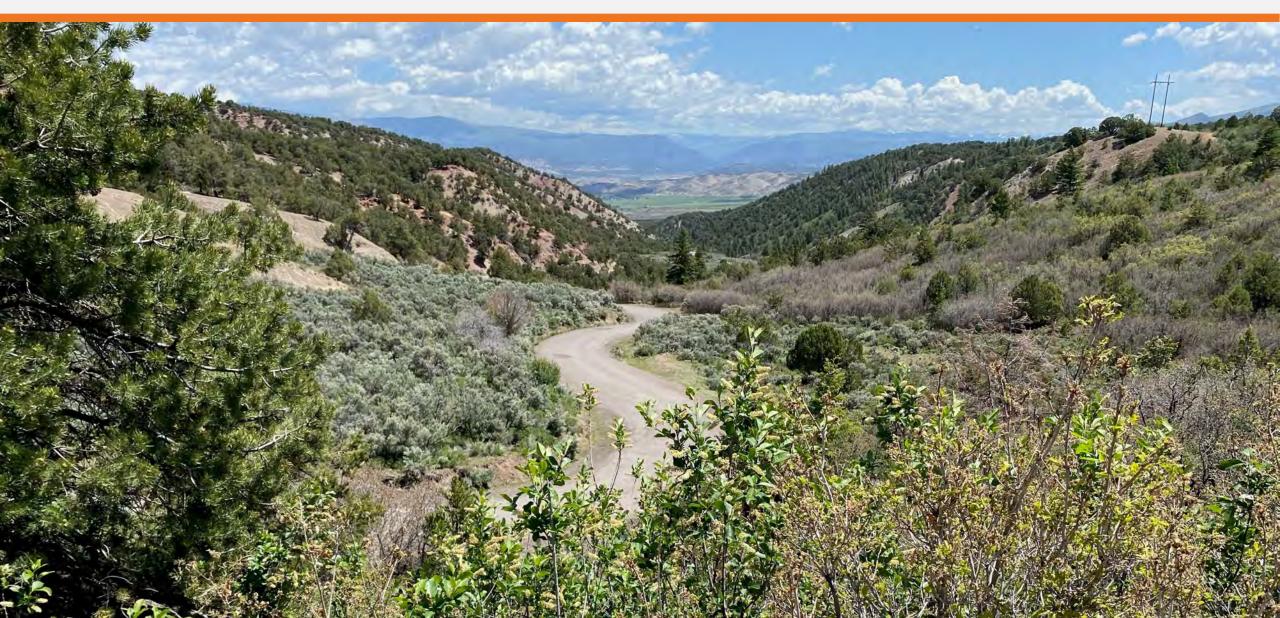


What is your main interest in the Cottonwood Pass Corridor?

- I own property adjacent to one of the site design options
- I own property/live somewhere else along Cottonwood Pass
- I own property/live along CR 113, 114, or 115
- I commute along Cottonwood Pass
- I bike along Cottonwood Pass
- Other



Project Overview





Project purpose

FOCUS

 Cottonwood Pass between Gypsum in Eagle County and CO 82 in Garfield County

PURPOSE

 Road safety improvements to make the county roads safer and more functional as a vital travel connection between the local communities

IMPETUS

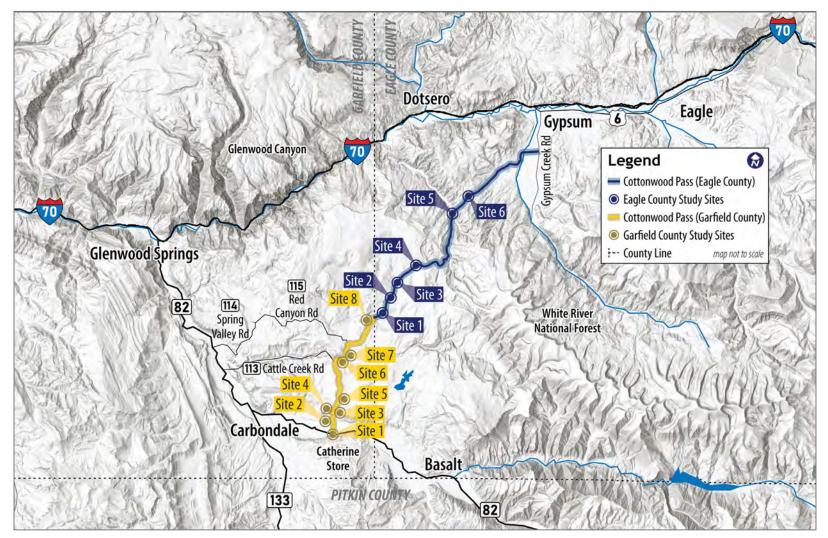
- Eagle and Garfield counties recognized the need for safety improvements
- This need became more apparent during Glenwood Canyon closures

This project IS NOT preparing Cottonwood Pass to be a detour route for I-70 traffic! The detour will remain north of I-70. Cottonwood Pass improvements are needed for the safety of local travelers.



Project site key map

- Focus on 14 specific sites:
 - 6 in Eagle County
 - 8 in Garfield County
- Potential improvement areas account for 14% of total length of Cottonwood Pass
 - Corridor-wide improvements are not being considered with this project





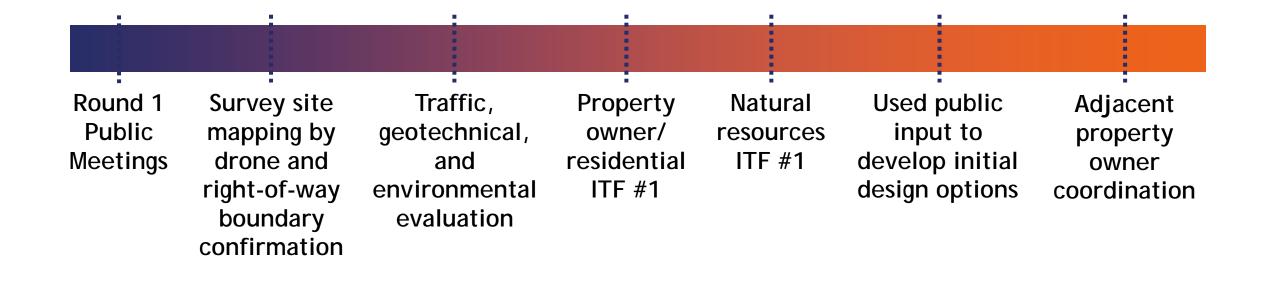
Mentimeter (chose one)

Where do you live?

- Eagle County
- Garfield County
- Other



Progress to date





- Concerns about additional traffic using Catherine Store Road
- Agreement some improvements are needed (stepped implementation)
- Concerns improving curves could worsen speeding issues and negate the safety benefits
 - Desire for other ways to slow traffic
 - Need for enforcement for speeding
- Many errant vehicles go off the road causing private property damage and road erosion when they are pulled back up
- Need more road maintenance (washboard surface)
- Daily commuters cause more problems than detour traffic



- Concepts focus on balance of improved driver safety without increasing traffic volume or speeds
- Safety curves and narrow areas with known concerns
 - Curve paths
 - Lane and shoulder widths
 - Sight distance
- Traffic hot spot improvements only
 - Overall corridor mountainous with curves, steep grades, and narrow areas
 - Current vehicle length and size restrictions remain



Project team considering other ways to address speeding concerns that could be implemented with projects as they move forward at individual sites



Increased Signage

Pros:

- Reduced speeds, especially unfamiliar drivers

Cons:

- Maintenance



Enhanced Signs

Pros:

- Interactive
- Reduced speeds

Cons:

- Cost
- Maintenance
- Visual impacts



Speed Feedback Signs

Pros:

- Interactive
- Reduced speeds

Cons:

- Cost
- Maintenance
- Visual impacts



Rumble Strips

Pros:

- Promotes drivers to stay in lane/slow down

- Cons:
- Cost
- Noise impacts



- ✓ Establishing project goals
- ✓ Establishing participant roles and responsibilities
- ✓ Establishing criteria for evaluating alternatives
- ✓ Developing options for improvements
- Evaluating design options based on established criteria
- Documenting the process and final recommendations



Evaluation criteria - Core Values

Core Values

The core values identified below are intended to be used to evaluate safety improvements at 14 locations as part of this concept design project. WHAT IS IMPORTANT?

SAFETY

Improve driver safety by making improvements at critical areas of geometric deficiencies

RESPECTING CORRIDOR CHARACTER Maintain the rural feel of road

Minimize impacts to private property

Mitigate visual impacts from improvements

NATURAL RESOURCE PRESERVATION

Minimize impacts to nearby wildlife habitat and waterways

COLLABORATIVE IMPROVEMENTS

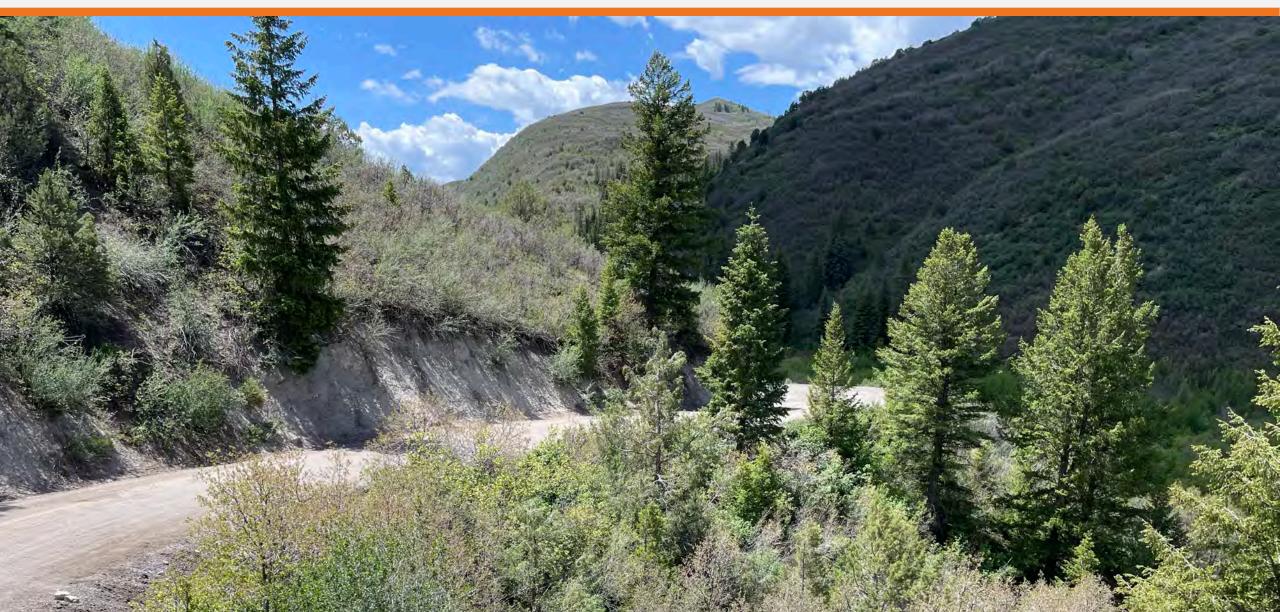
Engage public and stakeholders to provide meaningful input into the concept design process



Core Value	Criteria/Measure
Safety	Assessment of changes to vehicular safety concerns at site (speed, off-road vehicles, two-way traffic conflicts)
Respecting Corridor Character	Ability to maintain rural feel of road
	Potential right-of-way impacts to private property
	Potential visual impacts
Natural Resource Preservation	Potential impacts to wildlife habitat and waterways
Collaborative Improvements	Concerns and support from adjacent property owners
	Concerns and support from corridor travelers and general public

Design Options and Existing Conditions Considerations by Site







Existing conditions – all sites

TRAFFIC

- Catherine Store Road April 2019 count
 - Average 1,240 vehicles/day (weekday = 1,390; weekend = 930)
 - Mean speed = 34.6 mph; 85th-percentile speed = 39.6 mph
- Cattle Creek Rd June/July 2019 count
 - Average 330 vehicles/day (weekday = 345; weekend = 310)
- Cottonwood Pass Road Summer 2021 counts
 - With Canyon open: Average 400 vehicles/day (weekday = 370; weekend = 470)
 - With Canyon closed: Average 3,700 vehicles/day (weekday = 3,790; weekend = 3,650)



ENVIRONMENTAL

- High-level overview with available information, windshield survey, and input from regulatory agencies and area stakeholders
 - Field survey verification needed with future design
- Federal, State, and BLM listed species with potential to occur require further evaluation to determine potential impacts with future design
- Roadways (CR 100/Catherine Store Rd and Cottonwood Pass Rd) are cultural resources, but a site project option is unlikely to result in adverse effects to the resource



CONCEPTS

- Conceptual design based on planning-level survey data, aerial photo, and County GIS parcel data
- Potential right-of-way and property impacts are based on conceptual design
 - Actual right-of-way impacts to be determined during future design
- Driveways and access will remain





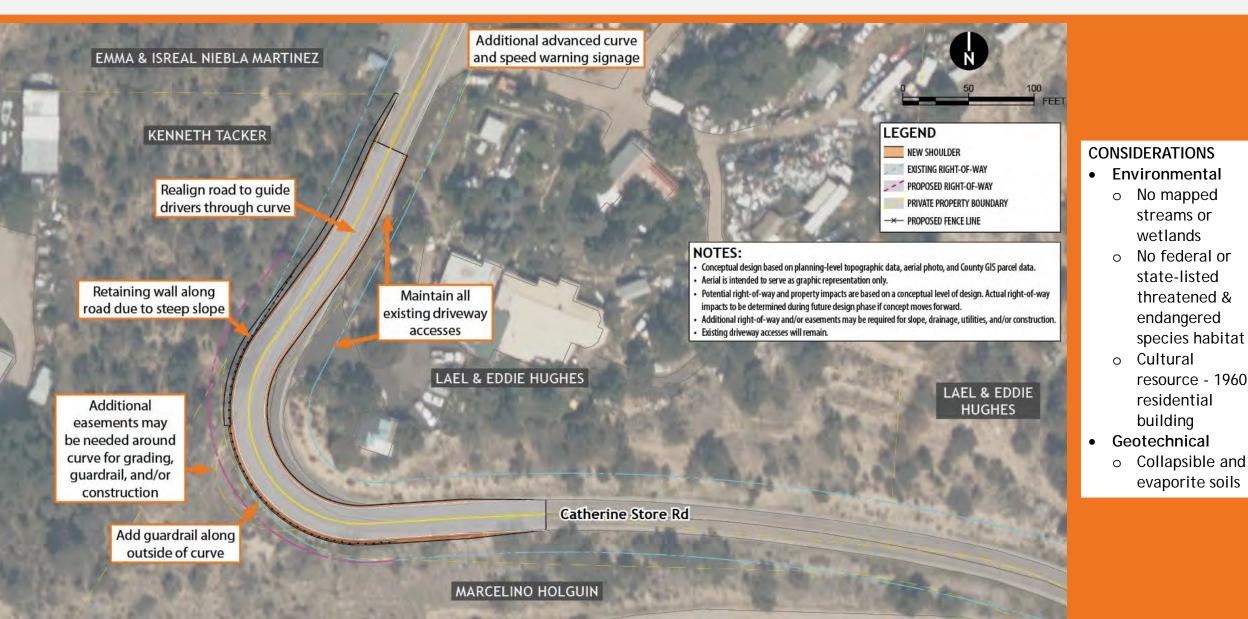
- · Aerial is intended to serve as graphic representation only.
- Potential right-of-way and property impacts are based on a conceptual level of design. Actual right-of-way
 impacts to be determined during future design phase if concept moves forward.
- Additional right-of-way and/or easements may be required for slope, drainage, utilities, and/or construction.
 Existing driveway accesses will remain.



- How would the potential improvements being considered benefit or impact nearby private properties?
- Do you suggest any tweaks to the design option presented?

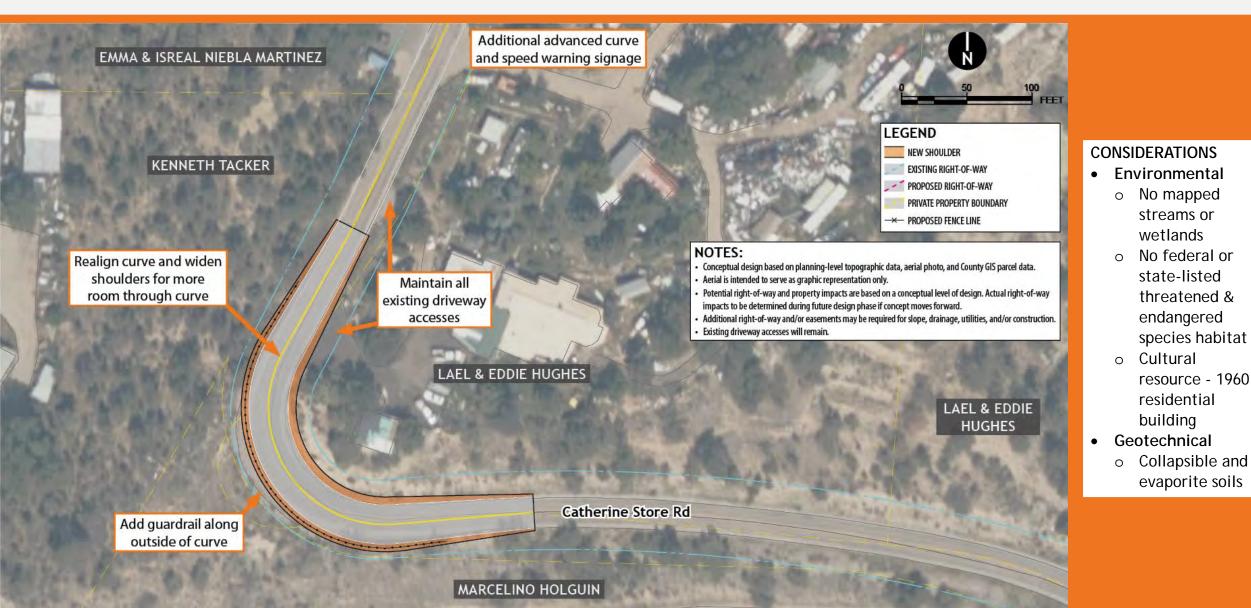


Garfield County Site 2 - Option 1





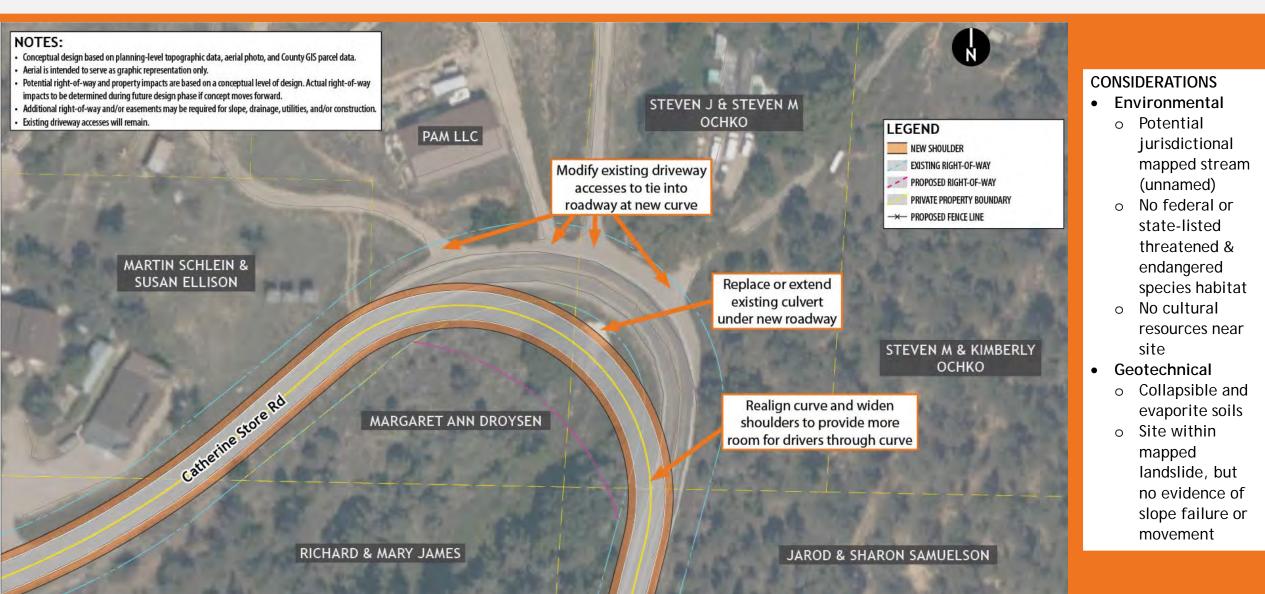
Garfield County Site 2 - Option 2





- How would the potential improvements being considered benefit or impact nearby private properties?
- Which design option do you prefer?
- Do you suggest any tweaks to the design options presented?

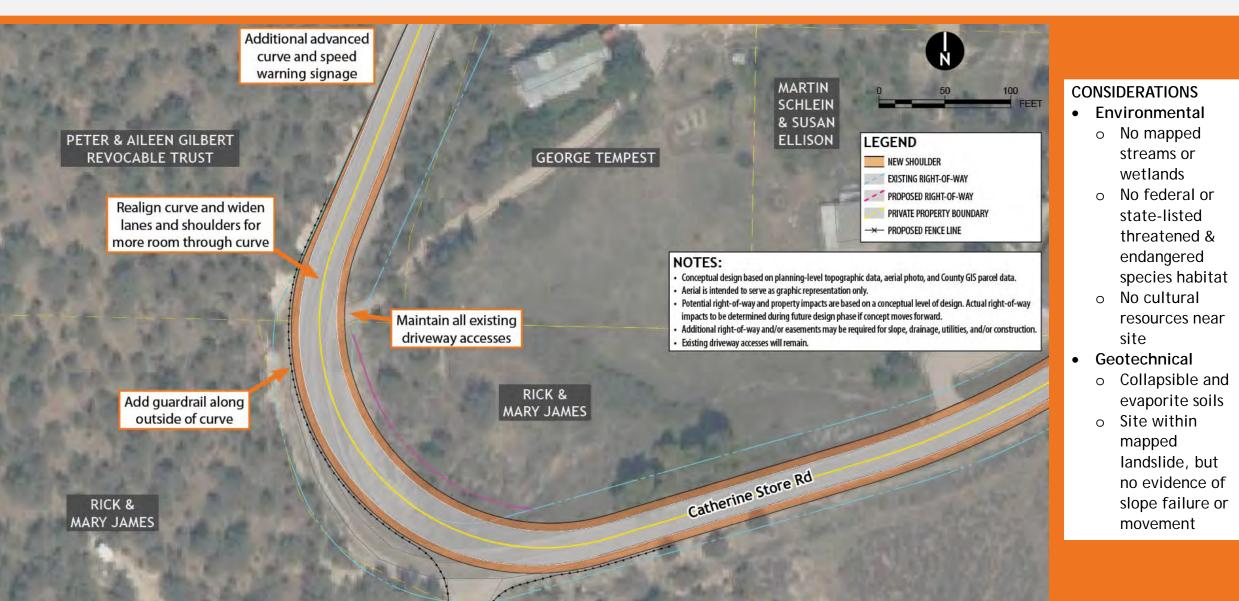






- How would the potential improvements being considered benefit or impact nearby private properties?
- Do you suggest any tweaks to the design option presented?







- How would the potential improvements being considered benefit or impact nearby private properties?
- Do you suggest any tweaks to the design option presented?

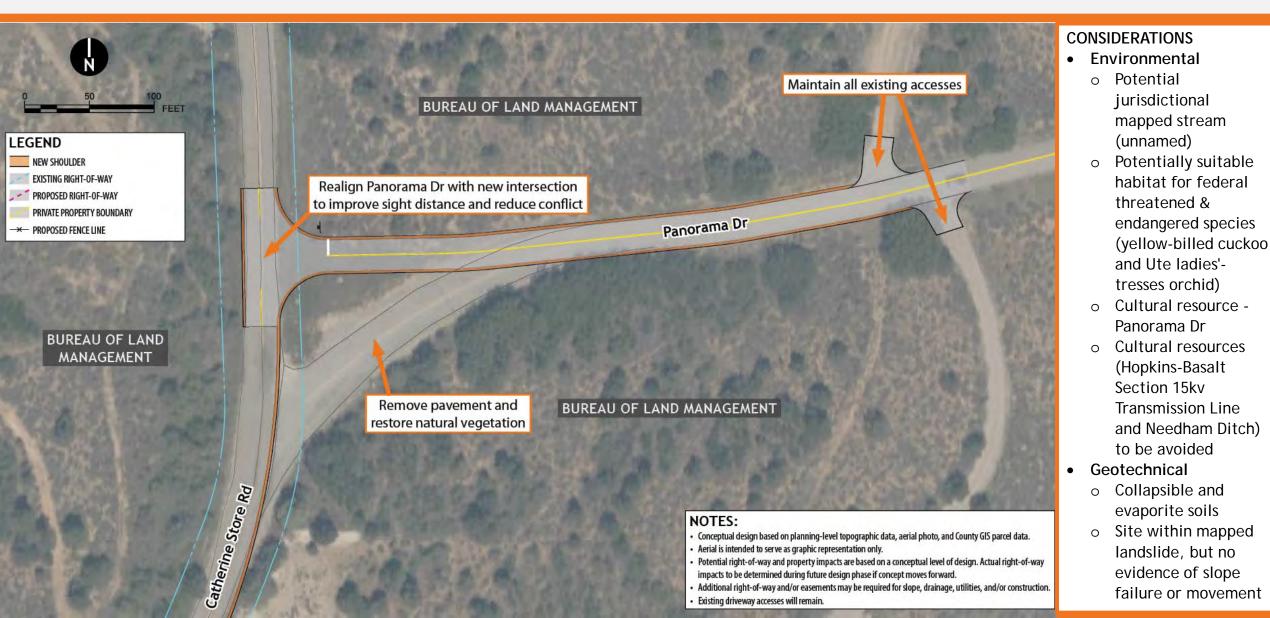






- How would the potential improvements being considered benefit or impact nearby private properties?
- Do you suggest any tweaks to the design option presented?



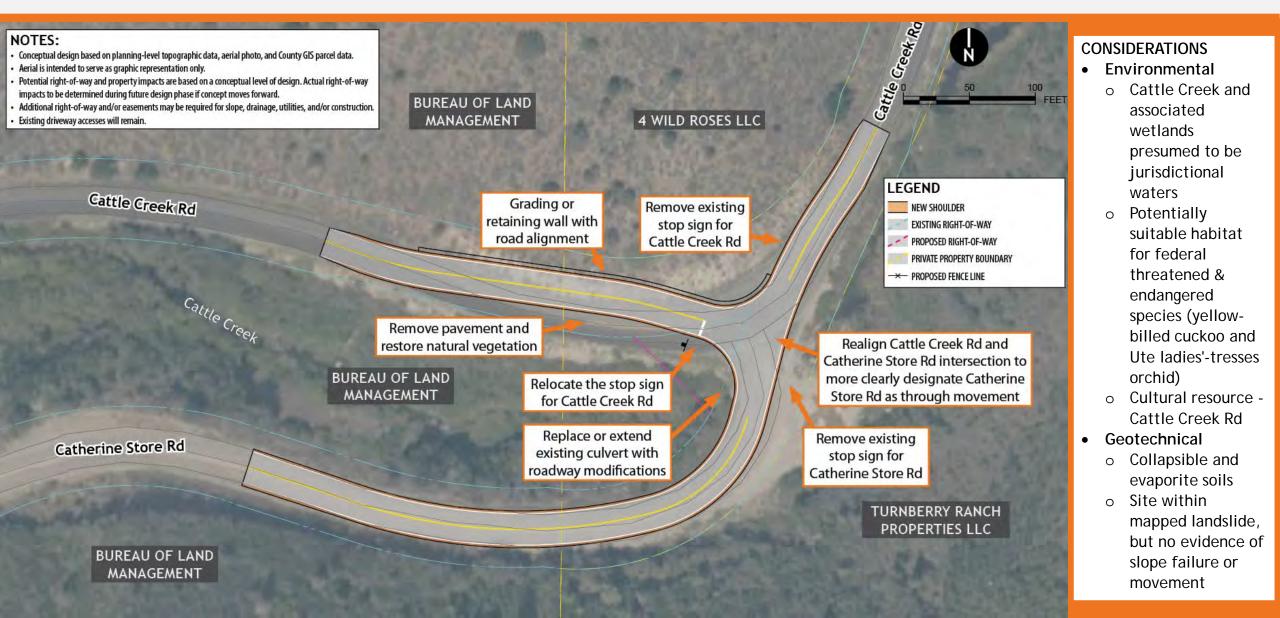




- How would the potential improvements being considered benefit or impact nearby private properties?
- Do you suggest any tweaks to the design option presented?

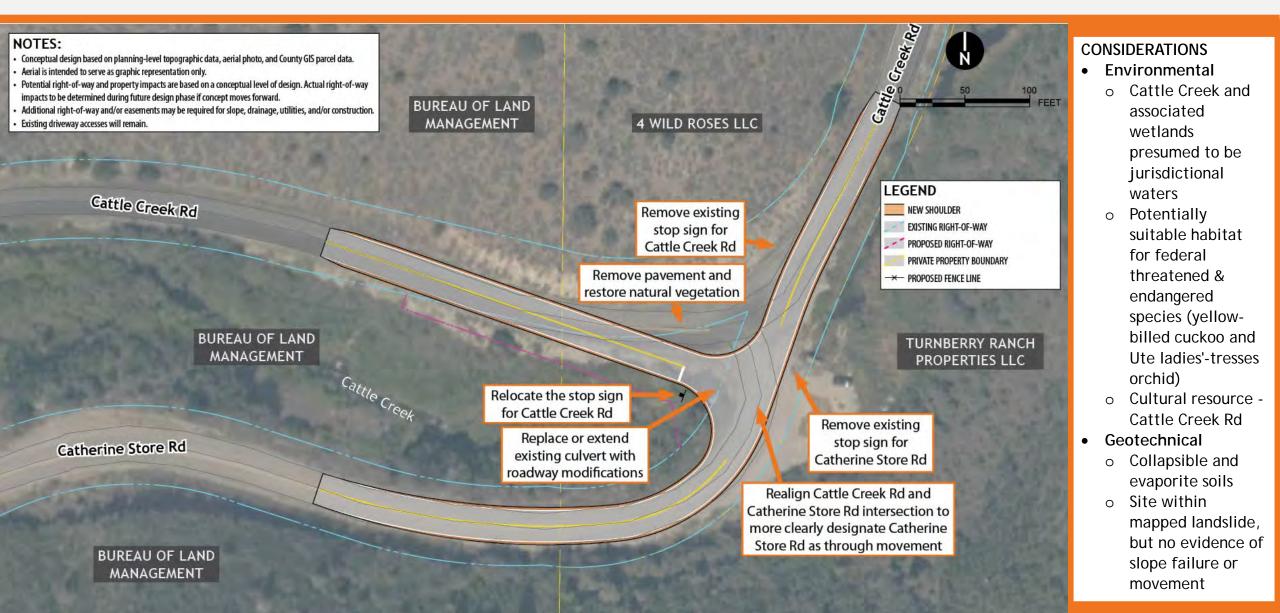


Garfield County Site 7 - Option 1





Garfield County Site 7 - Option 2





- How would the potential improvements being considered benefit or impact nearby private properties?
- Which design option do you prefer?
- Do you suggest any tweaks to the design options presented?





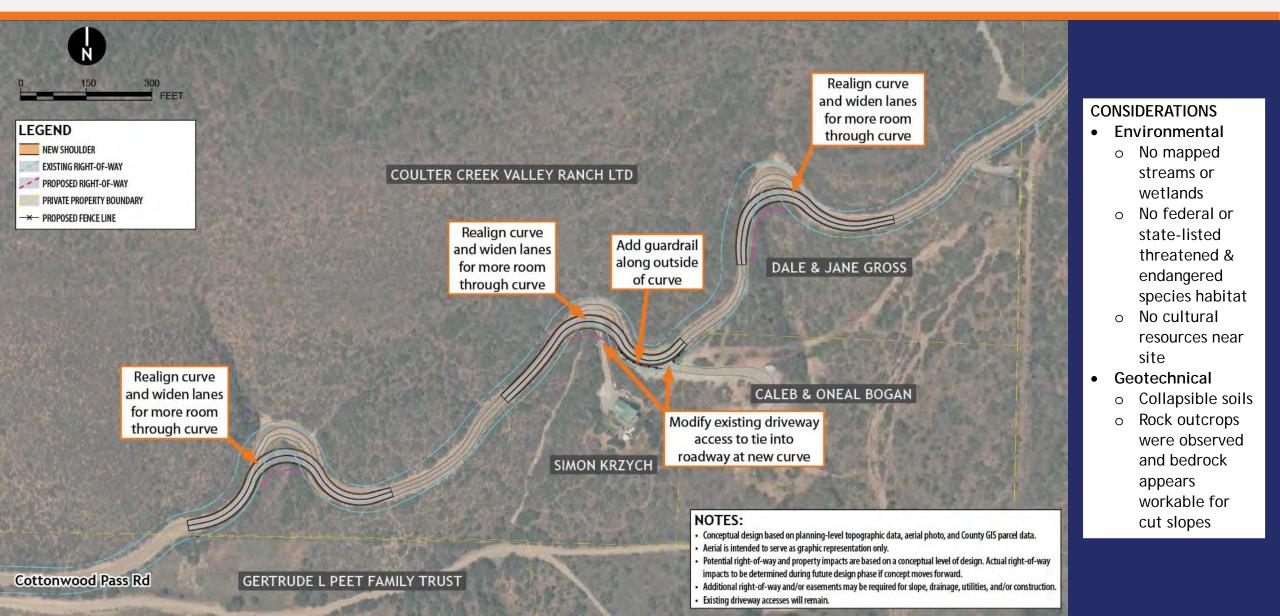
Existing driveway accesses will remain.



- How would the potential improvements being considered benefit or impact nearby private properties?
- Do you suggest any tweaks to the design option presented?

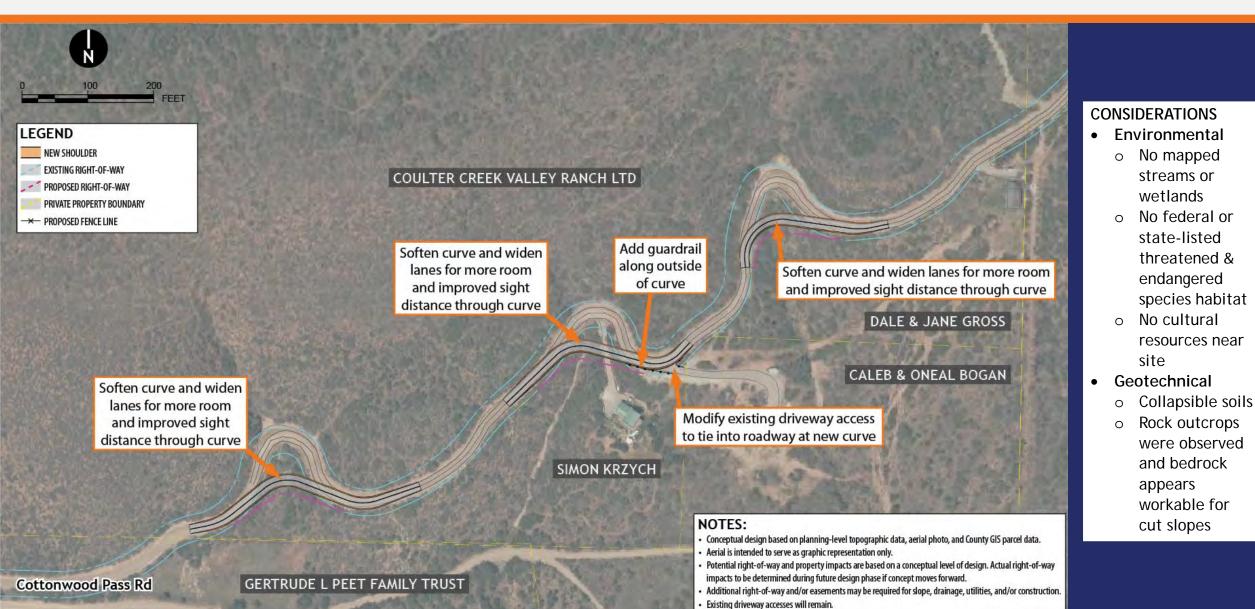


Eagle County Site 1 - Option 1





Eagle County Site 1 - Option 2

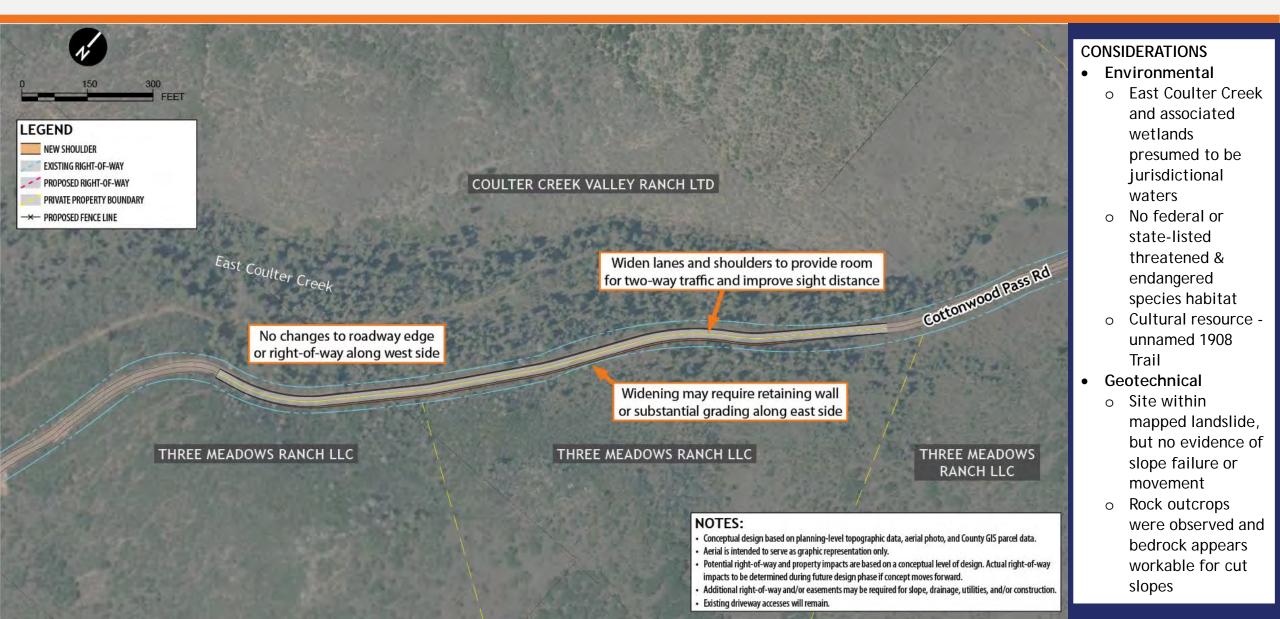




- How would the potential improvements being considered benefit or impact nearby private properties?
- Which design option do you prefer?
- Do you suggest any tweaks to the design options presented?



Eagle County Site 2

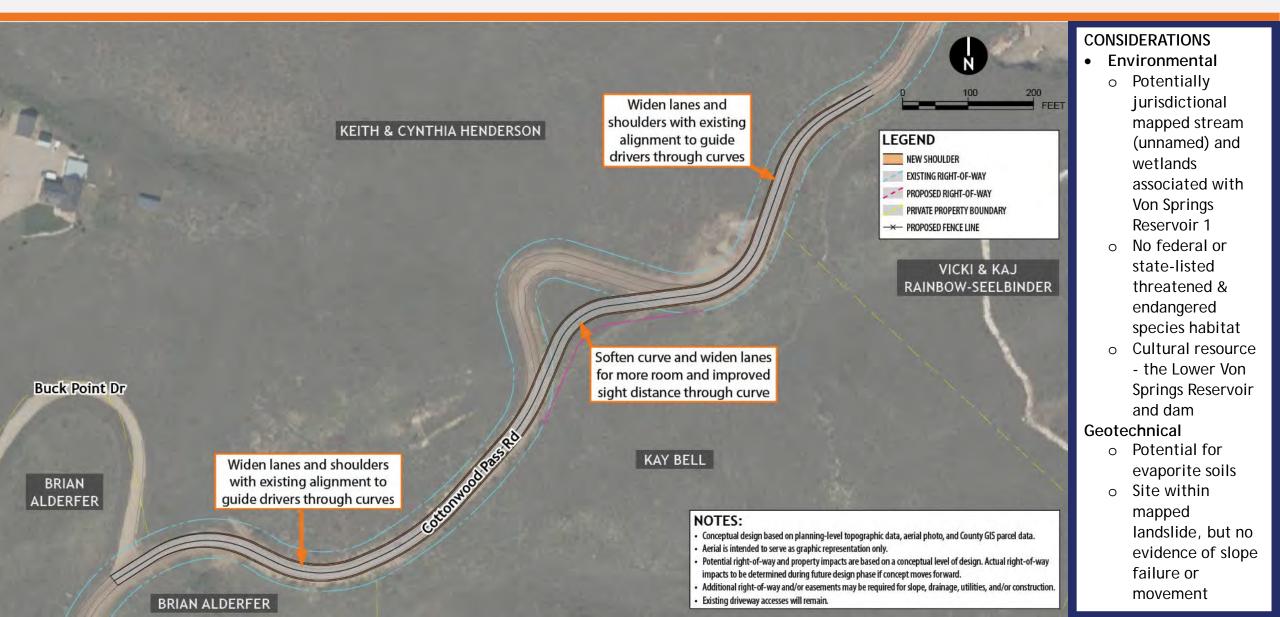




- How would the potential improvements being considered benefit or impact nearby private properties?
- Do you suggest any tweaks to the design option presented?

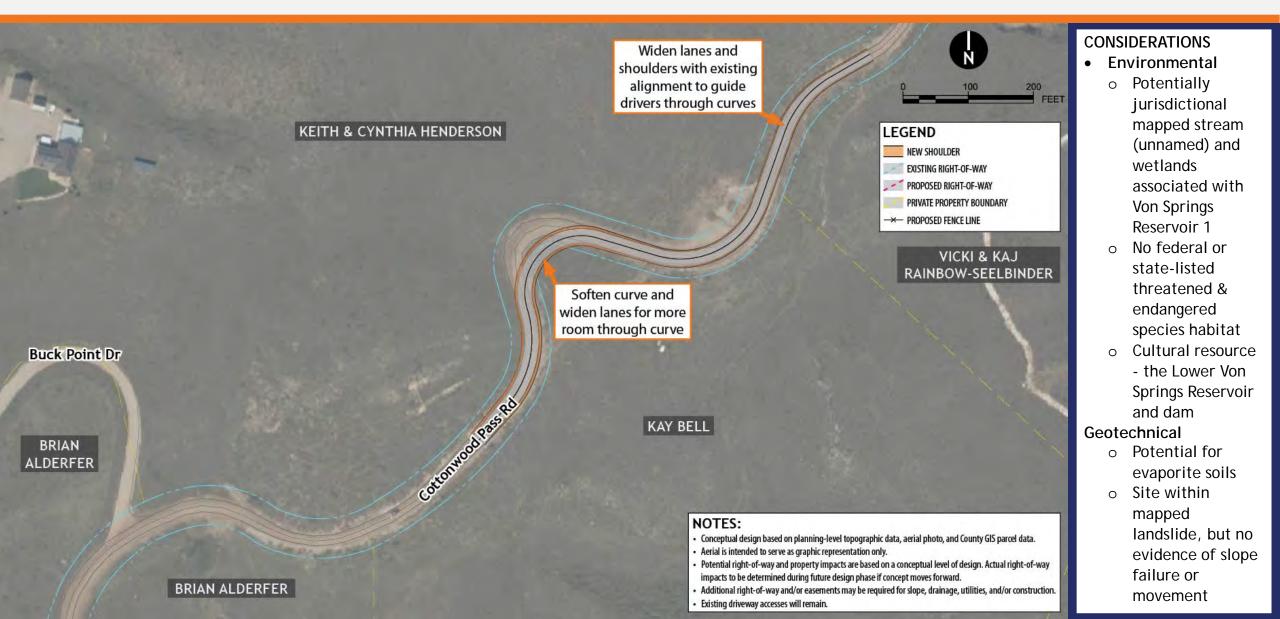
Eagle County Site 3 - Option 1





Eagle County Site 3 - Option 2



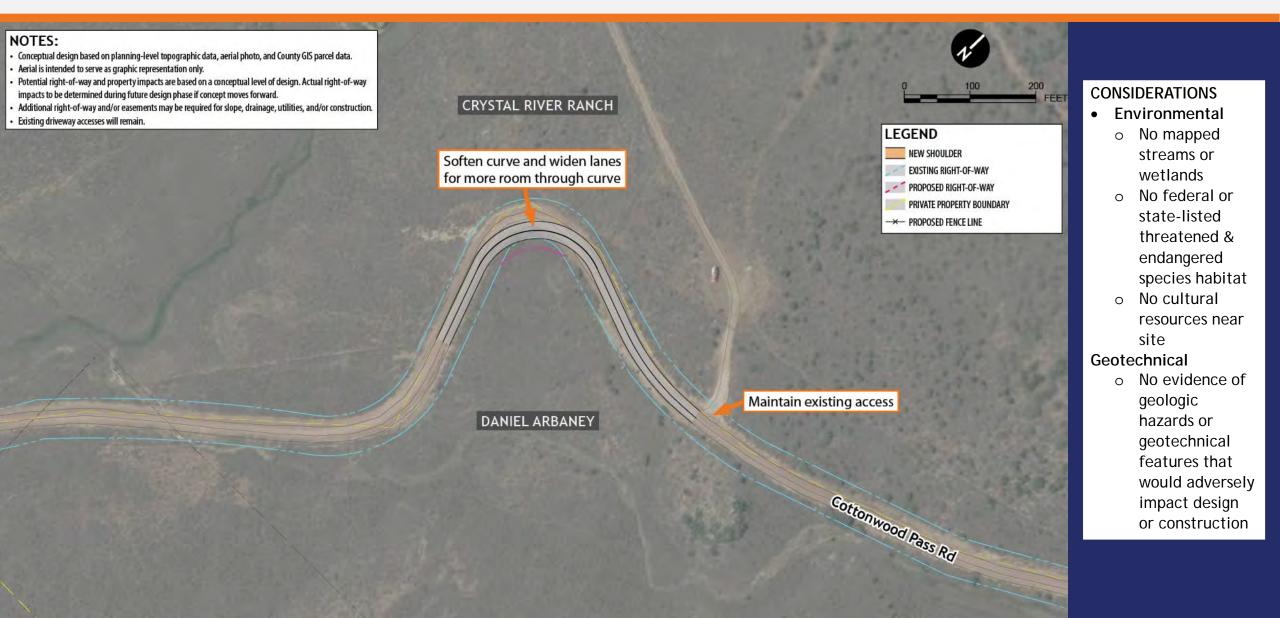




- How would the potential improvements being considered benefit or impact nearby private properties?
- Which design option do you prefer?
- Do you suggest any tweaks to the design options presented?



Eagle County Site 4





- How would the potential improvements being considered benefit or impact nearby private properties?
- Do you suggest any tweaks to the design option presented?

Eagle County Sites 5 & 6 (Blue Hill)



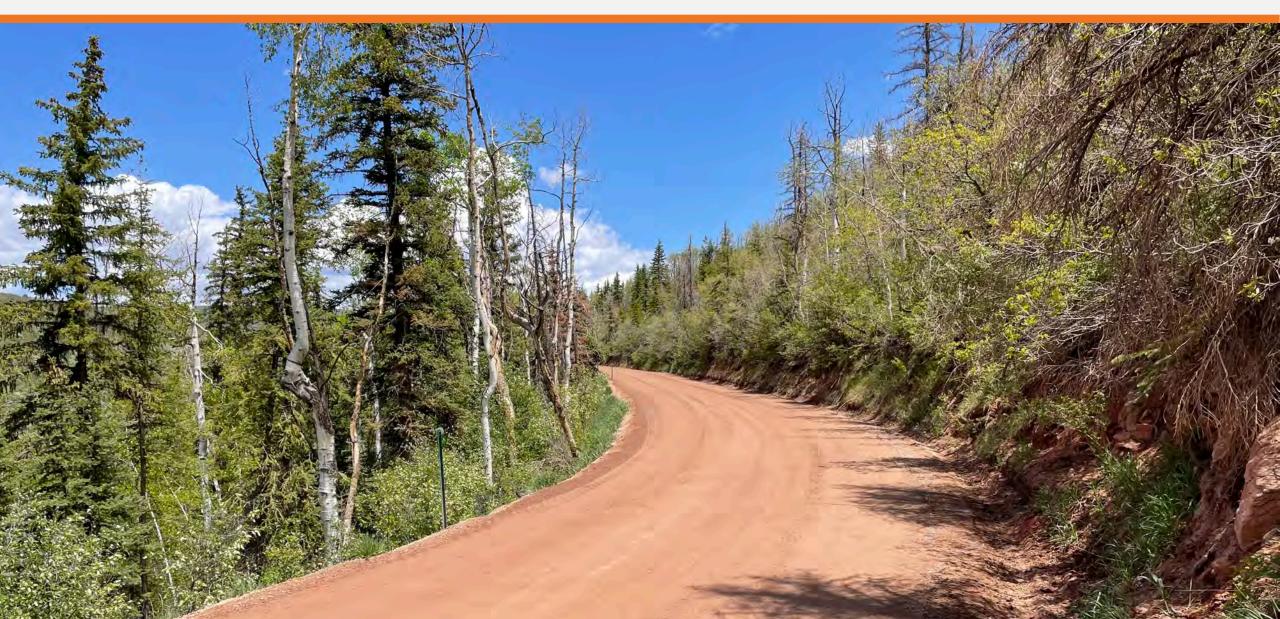




- How would the potential alignment being considered benefit or impact nearby private properties?
- Do you suggest any tweaks to the design option presented?



Next Steps





Next steps

• Next meeting of this group in January to discuss site assessments and refined designs

PROJECT SCHEDULE				2022				2023		
MAJOR TASKS	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	
Project Initiation										
Site Visits/Agency Kick off Meetings										
Outreach Plan	-								1	
Right-of-Way/Survey					LEGEND					
Right-of-Way Review	- 3					 Public Meeting (one in Garfield County and one in Eagle County) Project Leadership Team (PLT) Meeting Property Owner/Residential Issues Task Force (ITF) Meeting Natural Resources Issues Task Force (ITF) Meeting NOTE: Additional Project Leadership Team (PLT) and Issue Task Force (ITF) meetings may be held as needed 				
Establish Survey Control										
Map Sites										
Existing Right-of-Way Exhibits										
Data Collection/Review					L	(ITr) meetings in	lay be nelu as need	eu		
Traffic and Safety Evaluation			1							
Geotechnical Evaluation										
Environmental Evaluation		Ĺ		1						
Conceptual Design								1		
Initial Design Options/Evaluation						4				
Design Concepts										
Draft Concept Design Report								1		
Final Concept Design Report	-									
Public/Agency Engagement	1	0	ITF 2	•		IIF 🔹 🤇	3		2	

DDO JECT COLLEDIU F

Group Discussion/Q & A







Thank you!

www.codot.gov/projects/cottonwood-pass-concept-design