

WINNER CREEK TRAIL BRIDGE AT GLACIER CREEK

Girdwood, AK



GIRDWOOD TRAILS
ALASKA

Meeting Purpose: 35% Design Update

PROJECT LOCATION

Glacier Creek Trail Bridge: Winner Creek Trail
Proposed Bridge over Glacier Creek as identified in the Girdwood Trails Plan.

Project Background

Glacier Creek Bridge Site

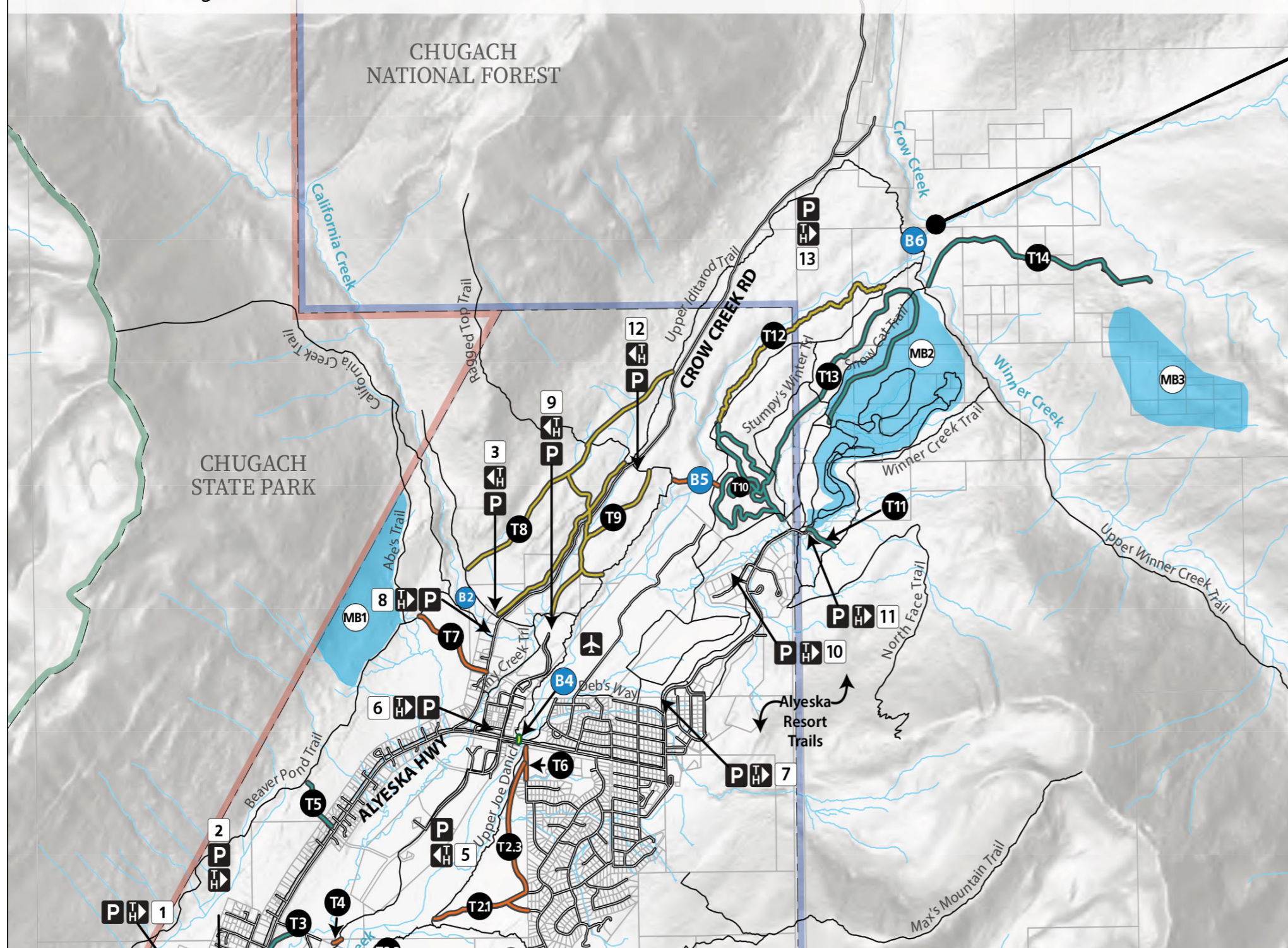
Bridge Design

Interpretive Shelter

NEXT: September 5, 2023 APPROVAL

GIRDWOOD TRAILS PLAN: PROPOSED TRAIL NETWORK

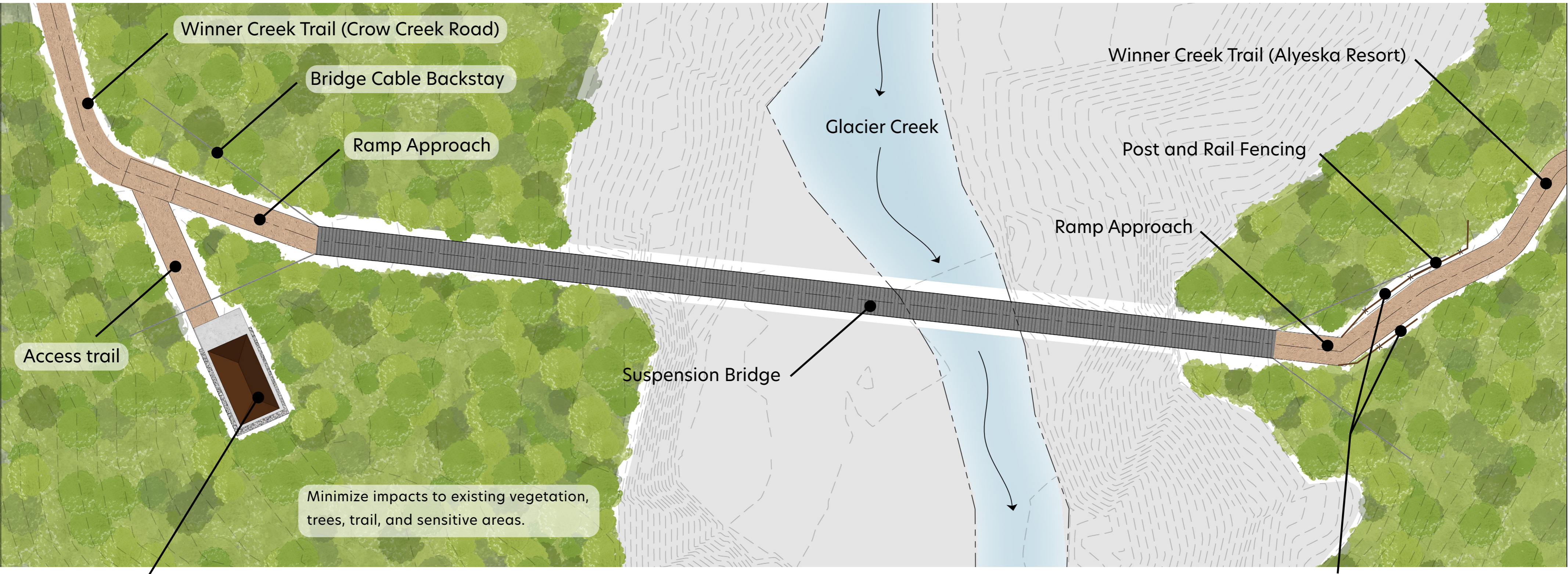
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|--|--------------------------------------|--|-----------|--|---|--|-------------------------------|
| | Trail Class 5 (Fully Developed) | | Streets | | Trailhead Number | | Chugach National Forest |
| | Trail Class 4 (Highly Developed) | | Railroad | | Proposed Bridge | | Chugach State Park |
| | Trail Class 3 (Developed) | | Creeks | | Proposed Area for Mountain Bike Trail Development | | Chugach State Park Wilderness |
| | Trail Class 2 (Moderately Developed) | | Parking | | | | |
| | Trail Class 1 (Minimally Developed) | | Trailhead | | | | |
| | Existing Trails | | | | | | |



GLACIER CREEK BRIDGE SITE PLAN

WEST APPROACH

EAST APPROACH



Hand Tram Interpretive Shelter
Existing timber frame tram structure will be relocated as an Interpretive Shelter.

Hanging Deck Suspension Bridge

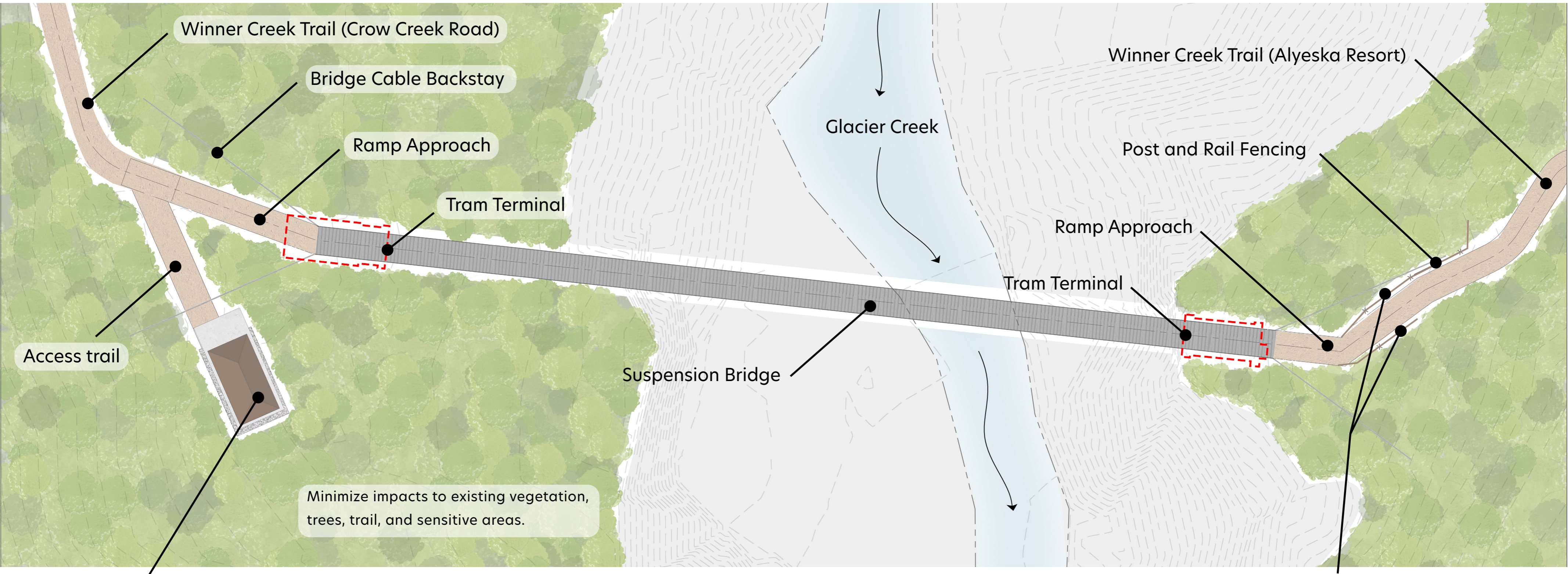
- Steel cable suspension bridge spanning 206 feet (+/-)
- Bridge width: 6 feet, to accomodate two-way traffic.

Trail Realignment & Fencing
Post and rail fencing installed on either side of the trail approaching the bridge.

GLACIER CREEK BRIDGE SITE PLAN

WEST APPROACH

EAST APPROACH

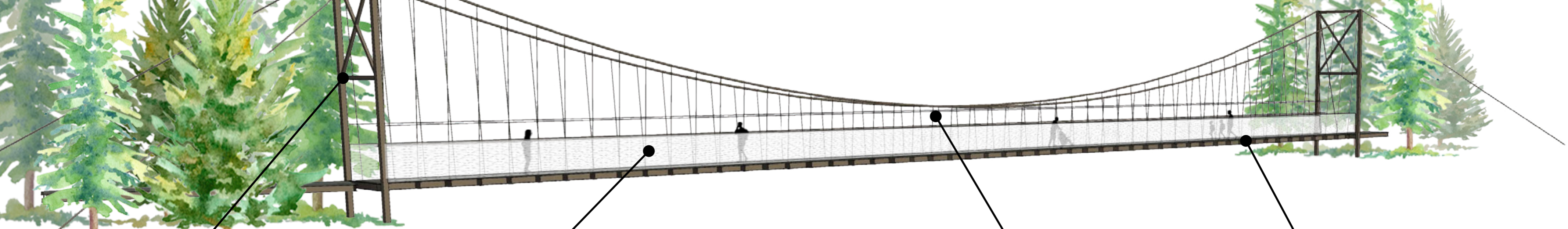
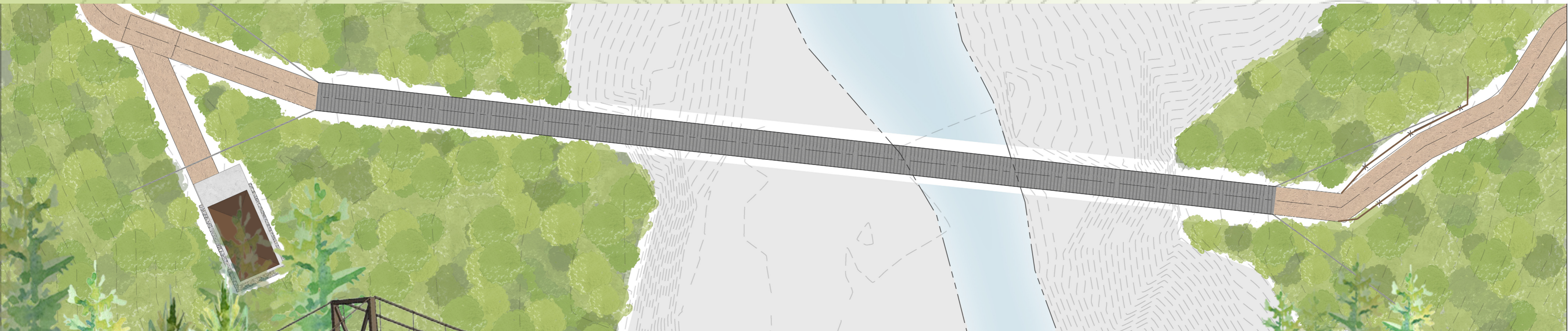


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HANGING DECK SUSPENSION BRIDGE



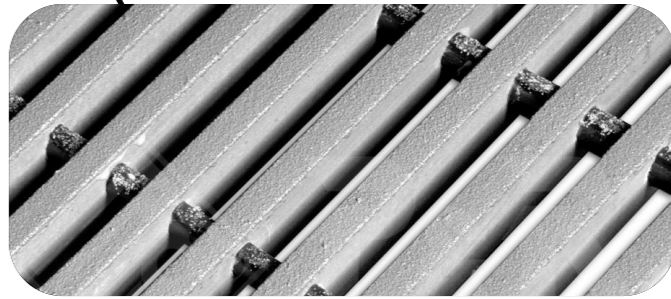
Steel Towers & Cable
Galvanized Steel provides a longer life span and durability.



Safety 'Webnet'
Deck to rail height (0-54")
'webnet' for fall protection.



Longitudinal Cable
7' above deck and vertical
hangers at 4' along the bridge.



Decking
Pultruded fiberglass grating in
light gray with a 24" dog strip.

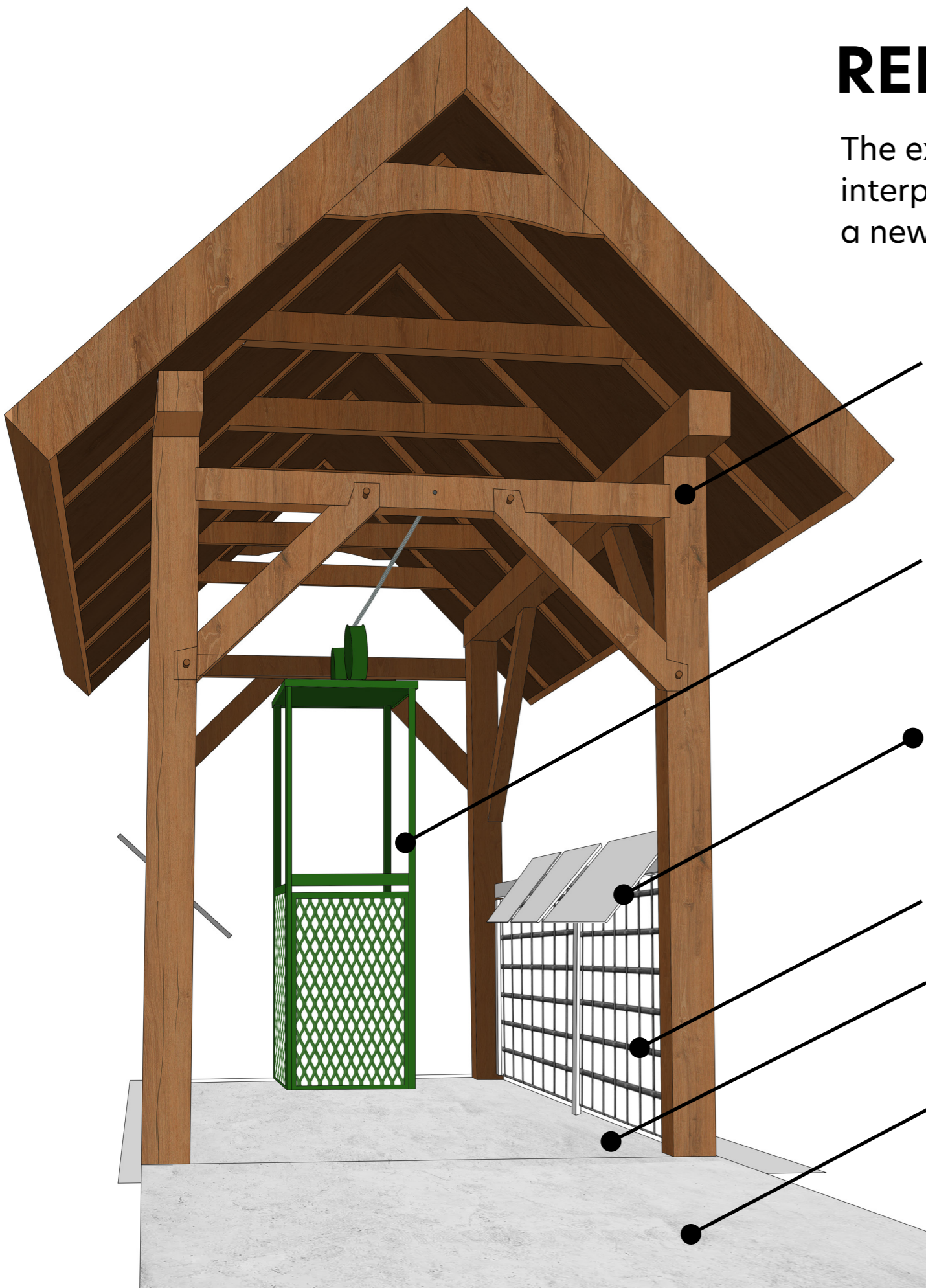
HANGING DECK SUSPENSION BRIDGE



INTERPRETIVE SHELTER

RELOCATED HAND TRAM STRUCTURE

The existing hand tram structure is to be disassembled and relocated adjacent to the new bridge to create an interpretive shelter. A short access trail will connect the interpretive shelter to the main trail. The shelter will have a new concrete slab foundation. Siting of the structure will be sensitive to existing trees and vegetation.



Timber frame hand tram structure

Disassembled and relocated adjacent to the new bridge to create an Interpretive Shelter.

Tram Cart

Installed as a fixed-in-place interpretive element.

Interpretive Panels

Attached to railing inside tram structure

Existing Railing

Concrete Flooring

Wood grain stamped concrete

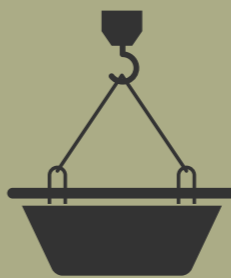
Access Trail

A short access trail will connect the interpretive shelter to the main trail.

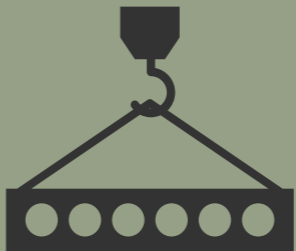
INTERPRETIVE THEMES:



History of surrounding
Glacier Creek area



Hand Tram
History & Construction



Hand Tram
Engineering & Materials



August 2023 Report Girdwood Trails Committee

Updates and other business:

Girdwood Valley Trails Management Plan. Current version is posted on the GBOS website. Management Plan meetings are on hold until Trails Master Plan is complete.

Girdwood Trails Master Plan. Plan was accepted at LUC and at GBOS at their FEB meetings and HLBAC in June. Plan goes forward to Planning and Anchorage Assembly next now that funding has been secured for Huddle AK to assist in this effort.

Imagine! Girdwood. Imagine! Girdwood is focused on technical analysis and next steps. Funding received through MOA ARPA fund distribution. Visit imaginegirdwood.org

Updated financial report:

Girdwood Trails Committee Financial Report

As of July 25, 2023

Account with Girdwood Inc.

Last Report 01/31/2023

\$74,023.81

Paid to Alaska Trails June 30

(\$19,482.00)

GTC Account Balance 7/25/23

\$54,541.81

Grants Status report:

State of Alaska, Capital Budget: Thank you to Alaska Trails for including the suspension bridge to replace the Hand Tram in their requests for funding of the State of Alaska. State has awarded \$1.2M for this project as part of Alaska Long Trail Funding. Construction goal is 2024.

Rasmuson Tier II Grant: We will reapply once we're a little closer to construction.

KMTA 2023 Grant cycle: GTC was awarded 2023 grant for trail work. Reimbursement to be filed when those projects are complete for the season. AK trails was paid via Trails Girdwood Inc Account, which will be reimbursed once application and processing are complete. Thank you Kate Sandberg, for working on the application and Friends of Girdwood Trails for helping with the match!

Recreational Trails Program Grant (RTP): new cycle likely in Fall 2023. GTC should consider projects under RTP based on trails plan completion.

Dugan Family donation for trails signs on Middle Iditarod Trail and bench at the 5K parking are nearing completion. Remaining is the trail sign that will be produced and placed.

Hammel Family donation for a bench in memory of Rob Hammel will be placed this summer from the Bird/Gird Alyeska Highway overlook location.

Upcoming Events:

KMTA Mineshaft Grinder SAT Aug 12 in Hope has room for participant registration and volunteers, click links for information and to sign up: [Mineshaft Grinder | KMTA \(kmtacorridor.org\)](http://MineshaftGrinder.com) [Mineshaft Grinder Volunteer Sign Up 2023 - Google Sheets](http://MineshaftGrinder.com)

Girdwood Trails Marathon is SAT Oct 7. Information and registration available here: [Girdwood Marathon 2023 \(runsignup.com\)](http://GirdwoodMarathon2023.com)

Land Use and Girdwood Board of Supervisors: Information available at: www.muni.org/gbos.

JOIN US FOR THE
KMTA Trail Challenge
June 28th - Sept. 30th



- Explore, pursue a hiking goal, and compete for top mileage and elevation.
- Support trail-based learning for Alaskan kids.
- Register, log your hikes, and track your progress.
- Discover local businesses, share fun photos for exciting prizes, and make a difference.



JOIN THE KMTA TRAIL CHALLENGE
NOW AND LET THE FUN BEGIN!

LEARN MORE!

Girdwood Trails Work Plan Outline 2023

Deb's Way

- Brush once during season
- Improve Drainage
- Add gravel as needed

Beaver Pond:

- Brushing: Twice during the season 2023
- Improve Trail tread on steep side slopes as needed
- Improve vegetation setbacks in the first mile of trail from Gird to Bird path
- Replace boardwalk with gravel as it can be done
- Secure and support existing board walk
- Add netting to mitigate slippery boardwalks
- Improve Drainage where needed

Abe's trail

- Improve trail in wet area in the beginning section
- Inspection/brushing to remove deadfall

California Creek

- Inspection/brushing to remove deadfall
- Improve tread as needed
- Create alternate connector to Abe's Trail

Athabaskan Trail, from Crow Creek road to Beaver pond bridge at school:

- Add netting to mitigate slippery board walks
- Reroute away from pond to eliminate boardwalk

Lower Iditarod NHT between Alyeska highway and Ruane road

- Brushing 2 times during 2023 season
- Inspect and repair trail tread as needed (esp bridge to south trailhead)

Lower Iditarod between Alyeska highway and trailhead:

- Brush trail along access road to trailhead.

Iditarod trail between School and Crow Creek Road:

- Brush trail at least once during the 2023 season
- Improve drainage as needed
- Remove boardwalk as allowable
- Improve gravel tread as possible
- Root management

- Add middle Iditarod Trail maps and location signage
- Add netting to mitigate slippery board walks

Iditarod trail between Crow Creek Road Lower and Crow Creek Road higher (Norms Falls):

- Brush trail at least once in 2023 season
- Improve trail tread as needed
- Root management
- Repair boardwalk as needed
- Add netting to mitigate slippery boardwalks
- Add middle Iditarod Trail maps and location signage

Virgin Creek

- Continue trail work to the overlook area.
- Improve parking options and address neighborhood concerns

Shortcut from Alyeska bike path to Davos road:

- Brush once during 2023 season
- Remove organic layer and expose gravel
- Improve drainage
- Install culvert at the base of the hill
- Add gravel as needed.

Lion's Club Park:

- Select location and brush/construct trail to Glacier Creek overlook

Danich Trail, Wagon Trail and social connector trails up to neighborhoods:

- Inspect trails, remove deadfall and brush as needed at least once

Arlberg Parking Lot:

- Add park bench and prepare for trail map sign at kiosk