#### Committee Chair Dave Zastrow

Committee Secretary Elizabeth Senear

#### **Committee Members**

Toni Godes Michelle Hahn Ryan Schuetze Stormy Haught

### Parks & Recreation

Director Samantha Hagerthy-Schneider

## The City of Cordova Trails Committee

## **Regular Meeting**

October 29, 2024 @ 6:00 pm USFS 2<sup>nd</sup> Floor Public Meeting Room

## AGENDA

- A. Call to Order and Roll Call
- **B.** Approval of Regular Agenda

### C. Correspondence/Visitors

- 1. Presentation of Correspondence
- 2. Invited Visitors Presentations

## **D. Discussion Items**

- 1. Review SCA and USFS 2024 end of season accomplishment reports.
- 2. Discuss 2025 field season projects including options to accomplish Eyak Mountain Trail deferred maintenance.
- 3. Review trails plan edits and maps.

## **E. Election of Officers**

- 1. Election of Committee Chair
- 2. Election of Committee Secretary

## F. Next meeting date & place/agenda items

## G. Adjournment

If you have a disability that makes it difficult to attend city-sponsored functions, you may contact 424-6200 for assistance

Full City Committee agendas and packets available online at www.cityofcordova.net

### Secure Rural Schools & Community Self-Determination Act Reauthorized by Public Law 115-141 Title II Project Submission Form USDA Forest Service

## Prince William Sound Resource Advisory Committee

Project Number (Assigned by Designated Federal Official):

#### **Funding Fiscal Year(s):**

<b>2. Project Name:</b> Eyak Mountain Trail Improvement Project Phase II	<ul><li>3a. State: Alaska</li><li>3b. County(s):</li><li>Valdez/Cordova Borough</li></ul>	
<b>4. Project Submitted By:</b> David Zastrow and Duncan Chisholm/City of Cordova Parks & Recreation	<b>5. Date:</b> 01/18/2024	
6. Contact Phone Number: 907 253 7284	7. Contact E-mail: dchisholm@cityofcordova.net	

#### 8. Project Location:

a. National Forest(s):		
Chugach National Forest		

**b. Forest Service District:** Cordova Ranger District

**c.** Location (Township-Range-Section) Township 15S, Range 3W, Section 27

**9. Project Goals and Objectives:** This project is designed to increase access to the US Forest Service/Cordova Ranger District trails by restoring an in-town connector trail that was originally constructed in the 1930's. The Eyak Mountain Trail Improvement Project Phase II will restore trail tread and structures to original capacity, reduce resource damage through the control of erosion and continue restoration of a wonderful part of Cordova's trail history.

#### **10. Project Description:**

**a. Brief:** Repair, reconstruction and installation of tread, log steps, rock steps, drainage structures, log bridges and step/run boardwalk.

**b. Detailed:** A group of Cordova trail enthusiasts volunteered to form the City of Cordova Trails Committee as an advisory group to the Parks & Recreation Commission approved by the City Council on December 2, 2009. The Committee's first order of business was to resurrect the ninety-five year old Eyak Mountain Trail and make it safer and more user friendly. This trail connects the Cordova town site to the Cordova Ski Hill trail system and U.S. Forest Service Cordova Ranger District trail system providing an otherwise unavailable access point to a very popular system of trails. The Trails Committee requested and received Title II funds in 2012 which provided long overdue deferred maintenance dollars needed for this 1.2-mile trail. A significant amount of work was completed. However, much more work is needed, and additional deferred maintenance has developed over the intervening 12 years. Prescribed deferred maintenance includes repair, reconstruction and installation of tread, switchbacks, log steps, rock steps, drainage structures, log bridges and step/run boardwalk. The prescribed deferred maintenance tasks will occur entirely on the existing trail footprint. This will

restore the tread and structures, reduce hazards, reduce erosion susceptibility, and provide recreation opportunities with access to federal lands.

#### **11. Types of Lands Involved?**

State/Private/Other lands involved?  $\square$  Yes  $\square$ No Land Status:

If Yes, specify: Trail section crosses private and State of Alaska lands.

#### 12. How does the proposed project meet purposes of the Legislation? (Check at least 1)

 $\square$  Improves maintenance of existing infrastructure.

 $\boxtimes$  Implements stewardship objectives that enhance forest ecosystems.

 $\boxtimes$  Restores and improves land health.

 $\boxtimes$  Restores water quality

#### 13. Project Type

a. Check all that apply: (check at least 1)		
Road Maintenance	☐ Trail Maintenance	
Road Decommission/Obliteration	Trail Obliteration	
Other Infrastructure Maintenance (specify):		
Soil Productivity Improvement	S Forest Health Improvement	
Watershed Restoration & Maintenance	Wildlife Habitat Restoration	
Fish Habitat Restoration	Control of Noxious Weeds	
Reestablish Native Species	Fuels Management/Fire Prevention	
Implement CWPP Project	Other Project Type (specify):	
b. Primary Purpose (select only 1 from above): <b>Trail Maintenance</b>		

14. Identify What the Project Will Accomplish
Miles of road maintained:
Miles of road decommissioned/obliterated:
Number of structures maintained/improved:
Acres of soil productivity improved:
Miles of stream/river restored/improved:
Miles of fish habitat restored/improved:
Acres of native species reestablished:
Acres of hazardous fuel treatment
Miles of trail maintained: 1.2

Miles of trail obliterated:	
Acres of forest health improved (including fuels reduction):	
Acres of rangeland improved:	
Acres of wildlife habitat restored/improved:	
Acres of noxious weeds controlled:	
Timber volume generated (mbf):	
Jobs generated in full time equivalents (FTE) to nearest tenth. One FTE is 52 forty-hour weeks: <b>0.6 FTE</b>	
People reached (for environmental education projects/fire prevention):	
Direct economic activity benefit:	
Other:	

15. Estimated Project Start Date:	16. Estimated Project Completion Date:
06/01/2024	09/30/2025

#### 17. List known partnerships or collaborative opportunities.

Partners include the Student Conservation Association (SCA) and US Forest Service Cordova Ranger District. The Cordova Trails Committee originally conducted land ownership status, trail history, and easement research. The current Trails Committee of David Zastrow, Stormy Haught, Liz Senear, Toni Godes, Michelle Hahn, and Ryan Schuetze have been heavy involved in developing a 15-year Comprehensive Trails Plan. Eyak Mountain Trail is one of the top three priority trails the Committee identified needing work as soon as possible. Other partners include private landowner Linden O'Toole, across whose land a small section of the trail runs, and the Sheridan Alpine Association, which operates the Mt. Eyak Ski Hill and is the leaseholder for State land crossed by the trail.

#### 18. Identify benefits to communities.

Many U.S. Forest Service trails exist around Cordova, but few begin in town, and few are in the easy to moderate category. The Eyak Mountain Trail is accessible from several places in town and leads hikers along an easy to moderate trail grade through a mature Sitka and Hemlock forest to more open muskeg meadows with fantastic views of the town of Cordova, Eyak Lake and the Copper River Delta. It's a trail that can be used by people looking for a quick outing, or by those who want to create a multiday hike through accessing U.S. Forest Service trails, including the Crater Lake Trail and the Power Creek Ridge trail. This project will use SCA (a youth employment program) providing a positive growth experience for college age adults and teach job skills that will expose them to future carrier possibilities.

#### 19. How does the project benefit federal lands/resources?

This trail expands the network of Chugach National Forest trails available in Cordova, as well as preserves an important piece of Cordova trail history. The original trail was constructed by the Civilian Conservation Corps in the 1930s and maintained by the Forest Service until the late 1970s. One of the primary uses of the Chugach National Forest is recreation, and this trail makes more recreational opportunities accessible to forest visitors and residents of the Cordova community. The project will also reduce erosion susceptibility and restore this route to a safe condition.

20. What is the Proposed Method(s) of Accomplishment? (check at least 1)				
Contract	Federal Workforce			
County Workforce	⊠ Volunteers			
Grant	Agreement			
Americorps	YCC/CCC Crews			
Job Corps	Stewardship Contract			
Merchantable Timber Pilot	Other (specify): SCA (Student Conservation Association			

#### **21. Will the Project Generate Merchantable Timber?** Yes

22. Anticipated Project Costs
a. Title II Funds Requested: \$47,250.00
b. Is this a multi-year funding request? 🖂 Yes 🗌 No

#### **23.** Identify Source(s) of Other Funding:

#### 24. Monitoring Plan (provide as attachment)

# a. Provide a plan that describes your process for tracking and explaining the effects of this project on your environmental and community goals outlined above.

The Cordova Trails Committee will track and monitor trail deferred maintenance tasks and accomplishments. A pre-project condition survey was completed summer of 2023 and a post-project accomplishment report will be completed and submitted to the Cordova Parks and Recreation department once the project is complete.

#### b. Identify who will conduct the monitoring:

David Zastrow (Chair of Cordova Trails Committee) and Duncan Chisholm (Director of the City of Cordova Parks & Recreation)

# c. Identify total funding needed to carry out specified monitoring tasks (Worksheet 1, Item k):

#### 25. Identify remedies for failure to comply with the terms of the agreement.

If project cannot be completed under the terms of this agreement:

- $\boxtimes$  Unused funds will be returned to the RAC account.
- Other, please explain:

#### **Project Recommended By:**

**Project Approved By:** 

No No

/s/ (INSERT Signature)

/s/ (INSERT Signature)

### Chairperson

Forest Supervisor

Resource Advisory Committee

\_\_\_\_\_ National Forest

### **Project Cost Analysis Worksheet**

Worksheet 1

Please submit this worksheet with your proposal

Item	<i>Column A</i> <b>Fed. Agency</b> <b>Appropriated</b> <b>Contribution</b>	Column B Requested Title II Contribution	Column C Other Contributions	Column D Total Available Funds
a. Field Work & Site Surveys	1000	0	0	1000
b. NEPA/CEQA	0	0	0	0
c. ESA Consultation	0	0	0	0
d. Permit Acquisition	0	0	0	0
e. Project Design & Engineering	400	0	0	400
f. Contract/Grant Preparation	0	0	1000	1000
g. Contract/Grant Administration	0	0	500	500
h. Contract/Grant Cost	0	0	0	0
i. Salaries (SCA Crew)	0	38750	0	38750
j. Materials & Supplies	0	8500	0	8500
k. Monitoring	0	0	500	500
<ul> <li>I. Partners:</li> <li>1. SCA In Kind Contribution</li> <li>2. Local Volunteers Labor Contribution</li> <li>3. Forest Service Contribution (Tools)</li> </ul>	0 0 5000	0 0 0	12900 5000 0	12900 5000 5000
m. Project Sub-Total	6400	47250	19900	73550
n. FS Indirect Costs	0	0	0	0
Total Cost Estimate	6400	47250	19900	73550

NOTES:

Col. A: FS costs incurred as part of proposal implementation. Coordinate with FS to identify any FS cost for items in Col. A.

**Col. B:** Title II funding requested to implement the proposal.

**Col. C**: Matching funds being contributed by proponent or third parties. Proposals funded with a Participating Agreement will require a minimum 20% match.

**Col. D**: Sum of columns A, B, and C for each individual row.

**Row A**: Costs associated with project planning, not project implementation, such as assessment of miles of trail needing maintenance. Assessments and planning needed to develop a specific proposal. For Col. B: proponents must request permission in advance to request Title II funds to complete NEPA/CEQA analyses, as this is expected to be completed prior to proposal submission.

**Rows B, C, D, and E**: cost associated with environmental compliance and project design. Proponents must request permission in advance to request Title II funds to complete NEPA/CEQA analyses, as this is expected to be completed prior to proposal submission. **Row G**: Costs associated with preparation of contract or agreement instruments used to implement the proposal. Contracts used to complete projects have special provisions; contact the FS to identify these early in the process.

Row G: Costs associated with administration of contract or agreement instruments used to implement the proposal.

**Row H:** Estimated value of any contracts/agreements used to implement proposal. Contracts/agreements used to complete projects have special provisions; contact the FS to identify these early in the process.

**Row I**: Cost of salaries to implement project

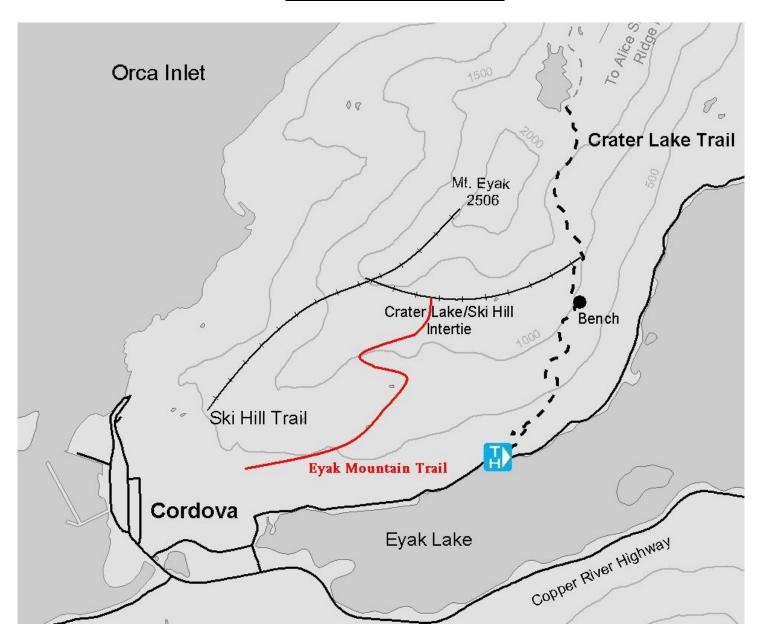
Row L: Examples include overhead charges from other partners, vehicles, equipment rentals, travel, etc.

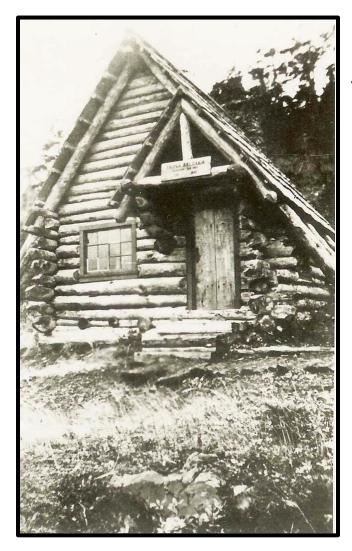
**Row K:** Costs associated with performing monitoring described in Items 24a, 24b, and 24c. Amounts should be similar between Item 24 and Row K.

Row N: Forest Service indirect costs, including contracting/grant officer costs if needed.

Version: October 2019

**Eyak Mountain Trail** 





This is the Tripod Cabin In 1943. It Was built in 1940





Tripod Cabin today. Eyak Mountain Trail passes to the right of the cabin.

# Eyak Mountain Trail Phase I Accomplishments

#### Bridge #1 Before



#### Bridge #2 Before



Bridge #1 After



Bridge #2 After





FINAL REPORT (AGMT AK CORDOVA TEAM 2024 - 00031532)



2024

U.S. Forest Service, Cordova Ranger District Program Dates: 06/09/24-08/23/24 Leaders: Darius Mina, Niki Bigda Members: Laci Bridgette, August Wildermuth, Daniela Sanchez-Castillo, Stiles Costello

# **Executive Summary**

The mission of SCA is to build the next generation of conservation leaders and inspire lifelong stewardship of our environment and communities by engaging young people in hands-on service to the land. SCA was founded in 1957 by Liz Putnam, a college student who believed that the passion, talent, and hard work of young people could be a force for tackling the challenges facing America's public lands. Today SCA provides opportunities for thousands of young people to develop conservation values and explore pathways to green careers, strengthen their leadership skills, and deepen their sense of responsibility to others and to the world. Young people emerge from SCA with fuel for their continuous growth and with a sense of empowerment to take action for the issues that they care about, in conservation and beyond. SCA nurtures thriving youth and thriving landscapes.

The Cordova team served primarily on two trails: Crater Lake and the Mike O'Leary Intertie trail. The SCA crew worked closely with the Cordova Forest Service throughout their time here, learning how to build and maintain Step-N-Run construction. This type of work is necessary in wet, boggy areas such as Cordova, as the constant rain makes the trails muddy and hard to hike on. The project partner needed the SCA crew to brush both trails to completion, along with Step-N-Run construction throughout several parts of the Mike O'Leary intertie trail. All the needs were met over the summer as the crew successfully built Step-N-Run and brushed both trails completely.

# **Conservation Impact**

Through SCA, young people have the opportunity to complete meaningful work that makes a positive impact on the world around them. SCA projects make tangible and positive impacts to the land, protecting and restoring parks and public lands, educating visitors about conservation, and increasing access to urban green spaces.

The team successfully completed several projects in the Cordova Ranger District, including trail maintenance, chainsaw operations, and Step-N-Run Construction. The crew had two primary objectives: corridor brushing on the Crater Lake Trail and Step-N-Run Construction on the Mike O'Leary Intertie Trail. The Crater Lake Trail is a 2.6-mile stretch of trail that begins at Eyak Lake and travels through the spruce and hemlock forest into an alpine zone where Crater Lake lies. The Mike O'Leary Intertie Trail is a 0.9-mile trail connecting the Ski Hill/Mt Eyak Trail to the Crater Lake Trail travels through water-logged muskeg and subalpine areas, providing a great view of Prince William Sound and the Gulf of Alaska.

The Mike O'Leary Trail needed work such as corridor brushing and Step-N-Run Construction. The boardwalk installation protects the surrounding environment and vegetation from foot traffic. Cordova is considered a temperate rainforest with constant precipitation causing severe flooding and trail erosion. Step-N-Run provides a path for hikers out of the water and mud. The area was improved by creating better footing for the trail's users and protecting the peatforming ecosystem. 333 feet of Step-N-Run was completed, and 40 feet of old boardwalk was restored.

The Crater Lake Trail mainly required maintenance, such as corridor brushing and chainsaw logouts. Brushing and chainsaw logouts provided better visibility and footing for hikers. The work accomplished on both trails provided better access to the trail for the local community, as the two trails are very popular. 13,728 feet (about half the height of Mount Everest) of the Crater Lake Trail was brushed and maintained by the SCA and Forest Service Trail Crews.

*Pictured Below: Highlighted in pink are the two areas where the SCA Trail Crew installed Step-n-Run Boardwalk.* 



Pictured to the right: Highlighted in yellow is where the SCA Crew brushed the entirety of the Crater Lake Trail.

#### Summary of Accomplishments:

- # feet of trail improved: 19,008 feet (about twice the height of Mount St. Helens) of Crater Lake, Ibek, and Mike O'leary trails
- # structures built or maintained: 333 feet of Step-N-Run Installed
- # of certifications received: Four chainsaw bucking certifications, one chainsaw felling certification, three Wilderness First Aid Certifications, and one Wilderness First Responder certification.



# **Participant Impact**

In every SCA experience, participants complete projects that solve real conservation challenges and see the tangible results of their labor. Through this work they learn how to conserve resources and protect the planet, learn why their conservation work projects are critical to that effort, and discuss with teammates and leaders what they could do to address environmental issues after SCA; including exploring possible careers in conservation or green jobs and discussing their academic and career goals. SCA experiences provide participants with opportunities to lead their peers, engage in problem-solving, conflict resolution, and group decision-making, and ultimately reflect on the ways the experience is impacting them.

Throughout this program with the U.S. Forest Service, the crew had many educational and developmental opportunities in Cordova. Opportunities such as learning to build Step-n-Run structures, applying certifications

towards project initiatives, living and working communally outdoors, and connecting with the local community through volunteering. As for Step-n-Run, the crew utilized local trees such as Western Hemlock, Mountain Hemlock, and Sitka Spruce and cut sills with our chainsaw certifications for the Step-n-Run. Local trees were used for sills to conserve the amount of boardwalk used in constructing Step-n-Run. The creation of sills ensures the Step-n-Run is stable and secure into the Earth allowing people to walk with ease along the trail. Some days, members were assigned to be "leader of the day", allowing them to take on more responsibility. This contributed to their personal growth and leadership development as they were able to see the job from a different perspective. The leader of the day assigned their fellow members roles for the day, decided when the crew would take breaks, and ensured everyone was drinking water while working. Each member leading with a different style; they all learned new leadership skills to utilize in the future.

Furthermore, the crew had several experiences that led to personal development. Living communally in an outdoor setting allowed them to learn essential life skills such as meal planning, cooking, time management, and organizational skills. Each night a different member and/or leader would cook dinner for the crew, along with a different member assigned to do dishes. Some even stated that they plan to cook certain meals for their friends and families when they return home. The crew had to learn how to use their time wisely; allowing enough time for breakfast in the morning before work, time after dinner to relax and prepare for the following workday and time management during breaks on the trail. These are a few examples of how the crew learned better time management skills that they will use continually in their futures. Living cohesively with other folks can be both rewarding and challenging, and throughout their time in Cordova, the SCA crew developed skills that they will take with them as they re-enter society.

#### Team Roster

- Laci Bridgette: Westminster, California
- Daniela Sanchez-Castillo: St. Paul, Minnesota
- Stiles Costello: Philadelphia, Pennsylvania
- August Wildermuth: Shippensburg, Pennsylvania
- Niki Bigda: St. Petersburg, Florida
- Darius Mina: Anchorage, Alaska

## **Great Stories**

Laci Bridgette Age: 20 Hometown: Westminster, CA



Right before coming to Alaska, I had just finished my 2nd year of college at the California State University of Long Beach as a documentary film major. I knew that in two years, when I graduated, I wanted to pursue a career in making wildlife conservation documentaries. felt that in order to do this I needed to get hands-on experience, which is why I joined the SCA. Now that I am nearing the end of this experience, I definitely feel that I made the right choice. Although this job, I did not directly work with animals, I did learn a lot in other ways. In Cordova, there is so much wildlife from fish, eagles, and swans, to bears and moose, and in sharing this space with them I

was able to get a better appreciation of why wildlife conservation is so important. For my entire time here, I wanted to record everything, to share and show people why nature is so important. Consequently, when I am back home, I will continue to learn and gain as much hands-on experience as I can, and hopefully, soon, I will be making my first wildlife conservation documentary.

"My time here in Cordova serving with the SCA has been nothing short of eye-opening."

#### Daniela Sanchez Castillo Age: 20



#### Hometown: St. Paul, MN

My name is Daniela Sanchez-Castillo, I am currently in Cordova, Alaska on a trail crew. My hometown is Saint Paul, the capital of Minnesota, and I am 20 years old. I have made many fond memories here in Cordova Alaska. My crewmates and I have been welcomed to this town by the locals and it's been wonderful to get to know Cordova's community. I have learned about different fishing practices and how much work it takes. People dedicate their entire summer to fishing here, the small-town feel is entirely different from what I am used to. My crew members and I made friends with people around our age, they took us to spots where only locals go, and shared lots of delicious food. We have been on many hikes together, pushing one another. Although one of my favorite memories was a rainy day that we spent indoors together. Our friends invited my crew and I to their house where we shared many laughs. We played card games, worked on new dance moves, braided each other's hair, and made food together. I even tried moose for the first time that day. We had already explored so much of Cordova, but it really

brought out the idea "what makes the place is the people." My summer exploring such a unique place has been enhanced immensely by the people of Cordova.

"I am leaving feeling accomplished in my work, proud of the personal growth I have experienced, grateful for the applicable skills I have learned, and with a deeper appreciation for the outdoors."

## Acknowledgements

The SCA Cordova Trail Crew would like to extend our gratitude to the Cordova Ranger District Forest Service and Project Partner Andrew Lovins for his accommodations, support, and expertise to our crew. We also thank Forest Service Trails Crew Lead Alex, for his instruction and guidance. Additionally, we want to extend thanks to the Prince William Sound Science Center for opening their campground and facilities to our crew over the summer. Lastly, SCA staff such as Laura Woodward, Jason Croft, and Justine Bright were integral to our team's success this summer. Thank you everyone!

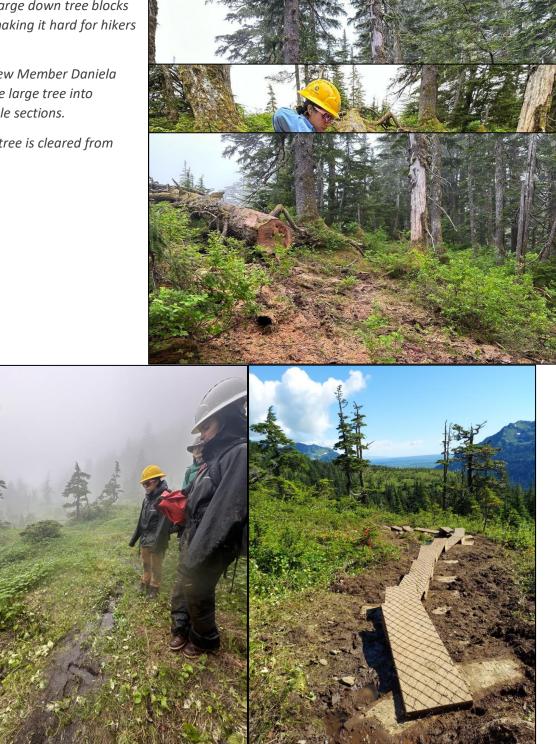


## Appendix

Before: A large down tree blocks the trail, making it hard for hikers to pass.

During: Crew Member Daniela bucking the large tree into manageable sections.

After: The tree is cleared from the trail.



Pictured Above: Step-n-Run Construction Before (left) and After (right) on the Mike O'Leary intertie trail. Pictured Below: Completed Step-n-Run Boardwalk travelling along the muskeg beneath Mt. Eyak



Pictured Above: Crew Members Installing netting on the Step-n-Run Construction with Staple Gun.

Pictured Below: Stiles (left) and August (right) using the chainsaw for bucking operations.



Cordova's first inhabitants, the indigenous Eyak people (dAXunhyuu), were also the first trail blazers. They made trails for subsistence and cultural reasons (food, shelter, clothing, art, trade, and gatherings) where there were no waterways. Some of Cordova's most spectacular trails undoubtedly retrace the paths of these hunter-gatherer-hikers.

The town site of Cordova owes its founding to the discovery of Copper in Kennecott, Alaska and the subsequent construction of the Copper River and Northwestern Railway in 1910. The Copper River Railway route, which ran south down the Copper River, was arguably the first post-contact "trail" in Cordova, which people used to access trapping, hunting, and fishing. Eventually, the railroad became the Copper River Highway. Concurrently, the Chugach National Forest was created in 1907, and was initially headquartered in Cordova.

Local trails often began as access to local resources. The Eyak River Trail was first tread by salmon-seeking Eyaks, and in 1934 was extended to Crystal Creek Cannery. The trail to Ohman Falls (named after Oscar Ohman) was scouted for early hydropower efforts and led to today's Power Creek Trail and cabin; The Eyak Mountain Trail was originally built in 1937 to ferry tourists to a spectacular viewpoint atop what is now the Ski Hill. The Meals Reservoir Trail was first a winter skiing trail as early as the 1920s and later became access to the town water reservoir and year-round hiking. A notable era of trail-building in Cordova began in 1937 when the Conservation Civilian Corp (CCC) built the Eyak Mountain Trail and the first rendition of the Crater Lake Trail. In Cordova, hundreds of CCC men were employed.

The modern era of trail-building and maintenance has primarily been spearheaded by the Cordova District office of Chugach National Forest. However, this has been aided by large amounts of volunteer effort, including the Appalachian Mountain Club, the Student Conservation Association, the Copper River Watershed Project and more recently, Alaska Trails. Cordova resident, Mike O'Leary was responsible for the construction of the O'Leary Intertie and the Sheridan Alpine Association has built, and maintains, numerous trails in the Mt. Eyak Recreation Area. The rich ecosystem supports a varied population of mammals including robust populations of brown and black bears and moose. Beavers are abundant on the coastal wetlands and their activities shape the environment. Coyote, Mountain Goats, and numerous smaller mammals live in the Cordova area. The Dusky Goose (a subspecies of the Canada Goose) breeds on the Copper River Delta along with breeding shorebirds, ducks and trumpeter swans. Harbor seals are occasionally spotted in Eyak Lake and sea otters are found along the Orca Inlet shoreline.