



TAHOE DONNER™

TRAILS MASTER PLAN UPDATE

PREPARED FOR TAHOE DONNER ASSOCIATION
DRAFT OCTOBER 4, 2022





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A Introduction

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Definitions

Trailhead - A starting point that has parking, signage, and other amenities to introduce trail users to the Tahoe Donner trail system

Access Point - A starting point to a trail, that does not have parking, but at a minimum has signage to introduce users to the Tahoe Donner trail system.

Doubletrack - Most doubletrack trails in Tahoe Donner are old logging dirt roads that are now used for recreational purposes, maintenance access, and emergency vehicle access. They are normally double the width (or more) of a typical singletrack trail with enough room for two bikes, horses or multiple people to ride/walk side-by-side.

Open Space - The combination of both Common Area and Other Association Real Property within Tahoe Donner.

Paved Class I Path - Also called a bike path or shared use path, this is a paved path with exclusive right of way for bicyclists and pedestrians, completely separated from the roadway. They are typically 8'-12' wide.

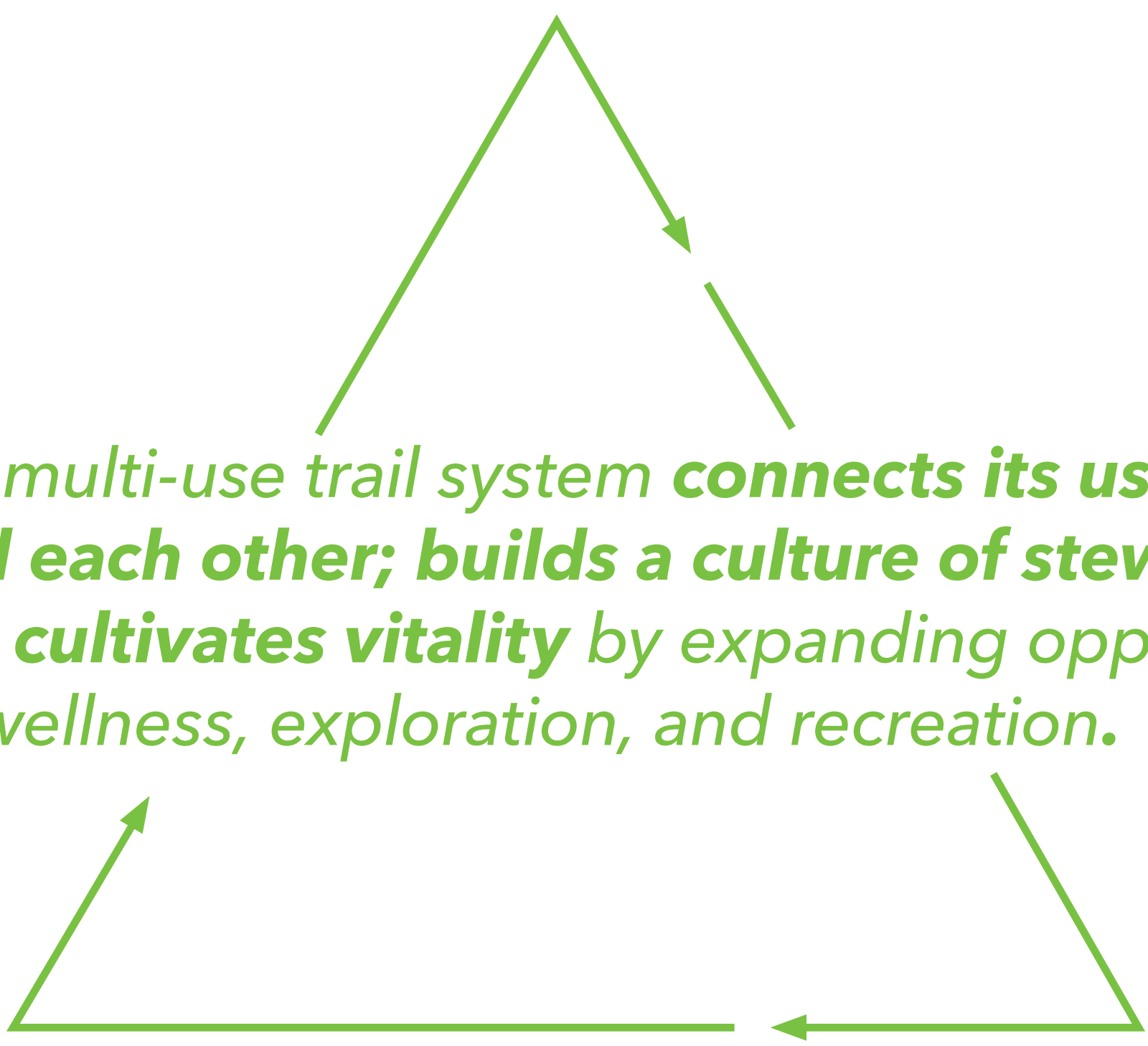
Singletrack Trail - Single lane dirt tread trails where users generally travel in single file, the majority of singletrack trails within Tahoe Donner should be constructed and managed as a Trail Class 3 as defined by the USFS.

Universal Design - Universal Design is designing programs and facilities to be usable by all people, to the greatest extent possible, without separate or segregated access for people with disabilities. For more information refer to the Accessibility Guidebook for Outdoor Recreation and Trails by USFS.

Acronym List

AASHTO – American Association of State Highway Transportation Officials
ACAC – Alder Creek Adventure Center
CEQA – California Environmental Quality Act
NEPA – National Environmental Policy Act
TD – Tahoe Donner
TMP – Trails Master Plan
TOS – Trails and Open Space Committee
TDLT–Truckee Donner Land Trust
USFS – United States Forest Service
USGS – United State Geologic Survey





*Tahoe Donner's multi-use trail system **connects its users to nature, the region, and each other; builds a culture of stewardship and inclusion; and cultivates vitality** by expanding opportunities for wellness, exploration, and recreation.*

The trail system vision statement was developed in 2020 by the Trails and Open Space Subcommittee, as part of their Findings & Recommendations document. The statement has resonated strongly throughout the master planning process and is in-line with what was heard from trail users.

Trail Master Plan - Compiled Map of Improvements

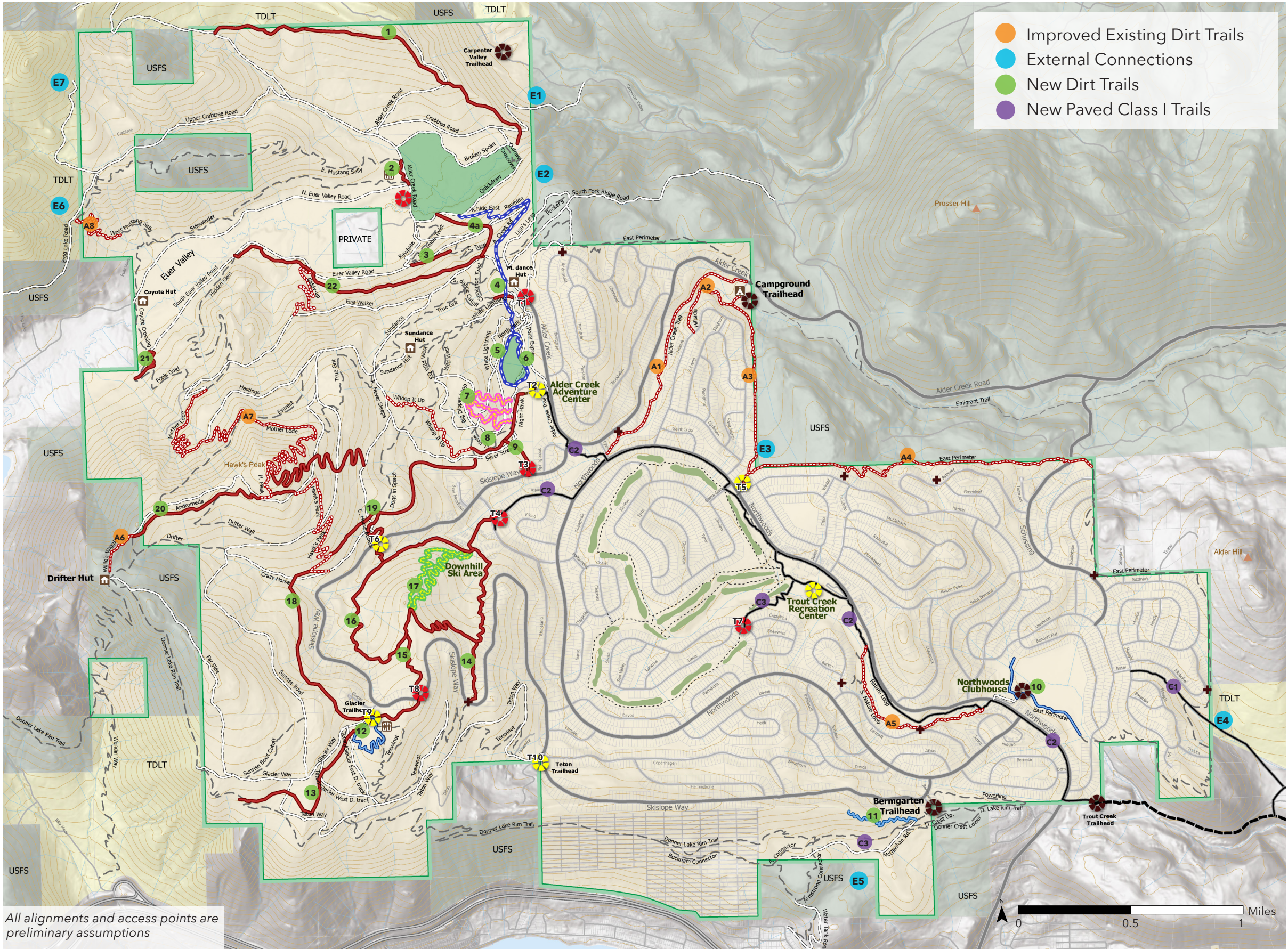


Figure 1: Compiled Map of Improvements

A variety of new trails and improvements are proposed throughout Tahoe Donner to provide enhanced experiences for all users. More details of the recommendations can be found in Section D, Trails Plan.

Legend

- EXISTING**
- External Connections
 - Singletrack Trail
 - Doubletrack Trail
 - Class I Path
 - Improved Existing Trail
 - Primary Road
 - Secondary Road
 - Improved Trailhead
 - Existing Trailhead
 - Existing Neighborhood Access
- PROPOSED**
- External Trail Connections
 - Class I Paved Path
 - Multi-use Trail
 - Equestrian Trail
 - Flow Trail
 - Bike Optimized Trail
 - Foot Only Trail
 - Boardwalk
 - New Trailhead
 - Zonal Land Use

Goals and Objectives

The following goals and objectives for the Tahoe Donner trail system were informed by input from staff, stakeholders, and members.

GOAL	OBJECTIVE
1 Maintain and enhance Tahoe Donner trails culture and values.	<ul style="list-style-type: none">• Build community with shared values around the trails• Provide additional winter recreational open space access• Provide accessible trails, meeting universal design standards
2 Plan and design for increased usage and popularity.	<ul style="list-style-type: none">• Inform funding, operations, and maintenance• Look at trail related off-season uses for the downhill ski area• Develop trail system organization guidelines (Goals 2&3)• Create new and enhance existing trailheads and trail access points (Goals 2&3)
3 Cultivate trail etiquette that honors all users groups.	<ul style="list-style-type: none">• Implement sustainable and safe trail design (Goals 2&3)• Encourage sustainable and safe trail usage• Provide more and better signage/wayfinding• Clarity with a policy for dogs on trails• Develop trail system organization guidelines (Goals 2&3)• Create new and enhance existing trailheads and trail access points (Goals 2&3)
4 Provide mutually beneficial connectivity for the community.	<ul style="list-style-type: none">• Expand the trail system: new multi-use trails, shared use, and designated trails• Work with adjacent land managers to provide regional trail connections• Address areas for potential agreements with adjacent land managers• Provide additional Class I paved trails to better connect destinations within Tahoe Donner and Truckee

Existing Plans, Documents, and Policies



The following plans were reviewed at the beginning of the project process, they provide guidance for the planning, design, operation, and/or maintenance of the Tahoe Donner trail system and connecting regional trails. Summaries, related goals, actions, and key takeaways were derived from each document.

Tahoe Donner Plans

2013 Tahoe Donner Trails Master Plan (TMP)

The purpose of the Tahoe Donner TMP is to provide long-term guidance for summer trails planning, management, maintenance, and funding. The TMP: provides recommendations for design, planning, development, management, and maintenance of the summer trail system; incorporates recommendations from Tahoe Donner members gained during the TMP; planning process; and establishes a process for implementation of the TMP. It was intended for the Plan to be updated every five years in order to remain current with the needs of the membership, accommodate changes in use, and to allow for adaptive management.

2016 Tahoe Donner Land Management Plan (LMP)

The Tahoe Donner Association Land Management Plan provides goals and objectives to manage the Association's lands for conservation, restoration, mitigation, recreation, and member-serving amenities. The LMP applies to all Association-owned and managed lands within the Tahoe Donner subdivision and the Beach Club Marina on Donner Lake. The LMP guides future development activities, resource

conservation, and management within seven zones:

1. Residential
2. Residential-Wildlands Interface
3. Amenities
4. Greenbelt
5. Open Area
6. Stream Corridor
7. Ancillary Facilities

The LMP addresses biological resources, water quality, cultural resources, and hazardous areas in the context of existing, surrounding, and future land uses within these seven zones and identifies and prioritizes management activities and land uses by zone.

2016 Tahoe Donner 5-Year Trails Implementation Plan

Approved by Nevada County in 2016, the 5-Year Implementation Plan (5YIP) identified 22 specific trail projects that included necessary improvements and expansion of the Tahoe Donner trail system to provide a connected and sustainable network of trails available for a wide range of non-motorized users. Of those 22 projects, only two major trail projects remain are not started: the proposed Sunrise Trail and the Glacier Way Trailhead expansion. The three remaining minor road repair projects are being addressed as routine maintenance issues. All other 5YIP projects have been completed, are in-process, or have been deferred for reconsideration and review (Eagle Rock Trail, Hillside Trail).

2020 Tahoe Donner Trails and Open Space Subcommittee Findings & Recommendations

The General Plan Committee established a Trails and Open Space Subcommittee in 2018 to assist staff with the development of an updated Tahoe Donner's Trails Master Plan (TMP). The subcommittee met monthly for several years. This document compiles the subcommittee's TMP findings and recommendations. It is based on these primary sources:

- The 8/4/19 Commentary on the 2013 Tahoe Donner TMP
- Draft updated TMP chapters produced by the subcommittee in 2020
- Subcommittee survey report
- Subcommittee meeting minutes

In 2021, with the General Plan Committee dissolving, the Board of Directors established the Trails and Open Space Committee to continue the work of its predecessor subcommittee.

The findings and recommendations served as the framework for this TMP update and was referred to throughout the process, even adopting the same vision statement.

2021 Tahoe Donner Strategic Plan

The Tahoe Donner Association board adopted the five-year strategic plan on January 22, 2021, preceded by months of gathering information and encouraging member discussion. The outreach process included online member feedback sessions and a member survey as well as several board workshops and individual meetings. The Strategic Plan affirms Tahoe Donner's

commitment to upholding its vision of a vibrant and desirable mountain community with attractive and well-maintained facilities, leading customer service, and healthy and accessible natural surroundings, for its members, guests, and the public. Yearly, the management team and board sets annual goals and work plans that create the metrics and timelines to accomplish these initiatives. These annual goals drive the budget process, which begins in the prior summer of each year.

Tahoe Donner Policies & Covenants

Public Use

There are many legal considerations the Tahoe Donner must adhere to related to public use. These include multiple Conservation easements requiring public access, over 80 acres of USFS inholding with ingress and egress requirements with adjacent USFS properties, and the 501(c)(4) designation. Tahoe Donner also receives hundreds of thousands of dollars in public grant funds that requires public access as a condition of funding (Euer Valley restoration project).

Tahoe Donner is incorporated as a 501(c)(4) social welfare organization. According to the Internal Revenue Service, "a homeowners association described under Section 501(c)(4) is required to be operated exclusively for the promotion of social welfare by primarily promoting the common good and general welfare of the people of the community".¹

When defining community within a homeowners association, the IRS holds

¹ <https://www.irs.gov/government-entities/irc-section-501c4-homeowners-associations>

a 501(c)(4) homeowners association for both association members and general public; "an organization that operate[s] for the exclusive benefit of members [doesn't] serve a 'community,' as that term relates to the broader concept of social welfare; and (2) an association that [has] done everything within its power to create a wholly private environment for its members [isn't] a 'community' within the contemplation of Section 501(c)(4), and [can't] claim tax exemption for benefiting itself."² For example, "an organization that restricts the use of its facilities to employees of selected corporations and their guests is primarily benefiting a private group rather than the community and, therefore, does not qualify as a section 501(c)(4) organization."³ Tahoe Donner operates its open spaces and trail system for the benefit of the community as defined above and in Association conservation easements.

Recommendation

The goal of Tahoe Donner and this Trails Master Plan update is to raise the social and physical quality of both the amenity and the membership's experience. Future trail system updates will occur to improve the quality of the membership experience while still providing use to the general public. Where trail or other physical improvements to the land that may attract significant use and otherwise diminish the quality of the physical or social setting for membership, Tahoe Donner may consider geographical/operational areas that could include a public pricing structure for the impacted areas.

² <https://www.irs.gov/government-entities/irc-section-501c4-homeowners-associations>

³ <https://www.irs.gov/charities-non-profits/other-non-profits/social-welfare-organizations>

Existing Plans, Documents, and Policies

Dog Management

Tahoe Donner “Open Space” consists of two distinct land designations. Under the original Bylaws, lands planned for open space and trail development were designated as Common Area. Open Space lands acquired more recently, with no intent to develop, such as Bucknam Tract and Euer Valley are designated as other Association-owned property.

Under Existing Covenants Rules, all dogs in designated Common Areas must be leashed. (See Figure 4: Land Use Designation and Significant Ownership Map, page 21)

Tahoe Donner Covenants Rules - 2.13 Animal Control⁴

No animal or pet may be tethered or tied to a stationary object on any Common Area, or other Association-owned property. Dogs shall only be allowed within any portion of the Common Area when they are leashed and otherwise under the supervision and restraint of their Owners or other person accompanying the dog.

On other Association-owned property such as Bucknam Tract and Euer Valley, the following Nevada County ordinance applies:

Nevada County, California Code, Title 2, General Code, Chapter IV: General Regulations, Article 1 Humane Animal Control, Sec. G-IV 1.47 Animals Running at Large Prohibited⁵

No person owning or having possession, charge, custody, or control of any animal shall cause, permit, or

allow the animal to be in any building or enclosure or to stray, run, or in any other manner to be at large in or upon any public street, sidewalk, park, school ground, or other public place, or upon any private place or property without the permission of the owner or person in control of such private place or property.

An animal shall be deemed at large anytime it is off the premises of its owner/custodian and not under direct control of the owner/custodian by means of leash, chain, tether, adequate fence, or other effective device.

The provisions of this Section shall not apply to:

- A. Any hunting dog during such time it is being used for the purpose of lawful hunting, or during such time it is being trained to be a hunting dog, provided such hunting or training is on land or premises to which the person hunting or training such dog has a legal right to be upon.
- B. Working animals during those periods when the animal is working.
- C. Animals in the immediate presence and under direct control of the owner/custodian. This means the animal is in the close proximity of the owner/custodian, and the owner/ custodian can demonstrate effective control of the animal, when they are leashed and otherwise under the supervision and restraint of their Owners or other person accompanying the dog.

Current State

In the Tahoe Donner Common Areas the Tahoe Donner Covenant rules apply and in the Other Association - Owned Property Nevada County rules apply.

Recommendation

Staff may consider engaging TOS and the Covenants Committee to develop a comprehensive and clearer dog management and etiquette plan.

Equestrian Use

Current State

Member input during the TMP revision process highlights equestrians concern for safety and trail etiquette.

Members and public have unvetted access to the designated equestrian center which raises concerns for animal and member safety. Equestrians acknowledge using all trails which may increase negative interactions with other users.

Recommendation

Staff may consider engaging TOS and the Covenants Committee to develop a comprehensive and clearer equestrian management plan. This plan could designate equestrian trails and develop rules for the equestrian center as outlined in Covenants 2.16:

Tahoe Donner Covenants Rule - 2.16 Equestrian Use.⁶

Except for use at the Equestrian Center, on designated trails, and at specially installed hitching posts, horses may not be used on or hitched at Common Areas or other Association-owned property.

⁶ <https://www.tahoedonner.com/members/homeowner-guidelines/covenants/covenants-rules/>

Trail Events

Recommendation

On occasion, trail events are requested at Tahoe Donner by clubs and outside groups wishing to engage membership. Staff may consider working with TOS to develop a formal application which outlines expectations for event requests. Some elements that have been used in the past and may be applicable

- Events that focus on membership enjoyment and celebration of TD trails.
- Events occurring in off peak timeframes.
- Events supported and backed by TD clubs.
- Events that do not unnecessarily hinder member enjoyment of trails for long periods of time.
- Events that reinvest in trail maintenance.

Regional Plans

2015 Town of Truckee Trails and Bikeways Master Plan

Updated in 2015, this plan’s goals are as follows:

- The trails and bikeway system should provide a full range of safe and convenient recreation and active transportation opportunities for multiple users.
- The system should link the Town’s historic downtown, residential and commercial areas, and recreational, educational, natural and historical resources utilizing public and private lands as necessary and appropriate.
- The system design should adhere to a consistent design format to promote the development of a safe,



Existing Plans, Documents, and Policies



recognizable and uniform system in keeping with the mountain character of Truckee.

- The Town, appropriate public agencies and community groups should work collaboratively and cooperatively with affected private and public agency landowners to effectively implement the goals of the Plan.
- The system should be planned to minimize land use and user conflicts to provide a safe and enjoyable experience for the user.
- The system should seek to access, protect and enhance the natural and historic resources of Truckee.
- All available funding sources should be identified and diligently pursued for all projects implementing the goals of the Plan.
- Careful project-specific planning is necessary to ensure consistency with the goals of the Plan and should be made a mandatory element of all dirt trail, bikeway, and walkway construction projects.
- Cooperation and coordination with both public and private entities should be established to ensure the careful and responsible management of the system.
- Quality and consistent long- and short-term maintenance of the active transportation system is paramount to its success.

Nevada County Active Transportation Plan (2019)

This plan defines active transportation as human-powered travel, including walking and bicycling. The plan was developed in light of previously adopted Nevada County Bicycle Master Plan (2013), which was amended in 2016 to incorporate

the Town of Truckee's updated Town of Truckee Trails & Bikeways Master Plan (2015), and the Nevada County Pedestrian Improvement Plan (2010) along with input from local jurisdictions and the public. The plan establishes the following five goals.

- Enable all to move safely on the bicycle and pedestrian networks.
- Increase walking and biking.
- Improve bicycle and walking mobility for residents and visitors by connecting destinations to the bicycling and pedestrian networks.
- Keep bicycle and pedestrian networks well-maintained.
- Implement regular bicycle and pedestrian facility maintenance and monitoring programs in each jurisdiction.

Adjacent Land Managers

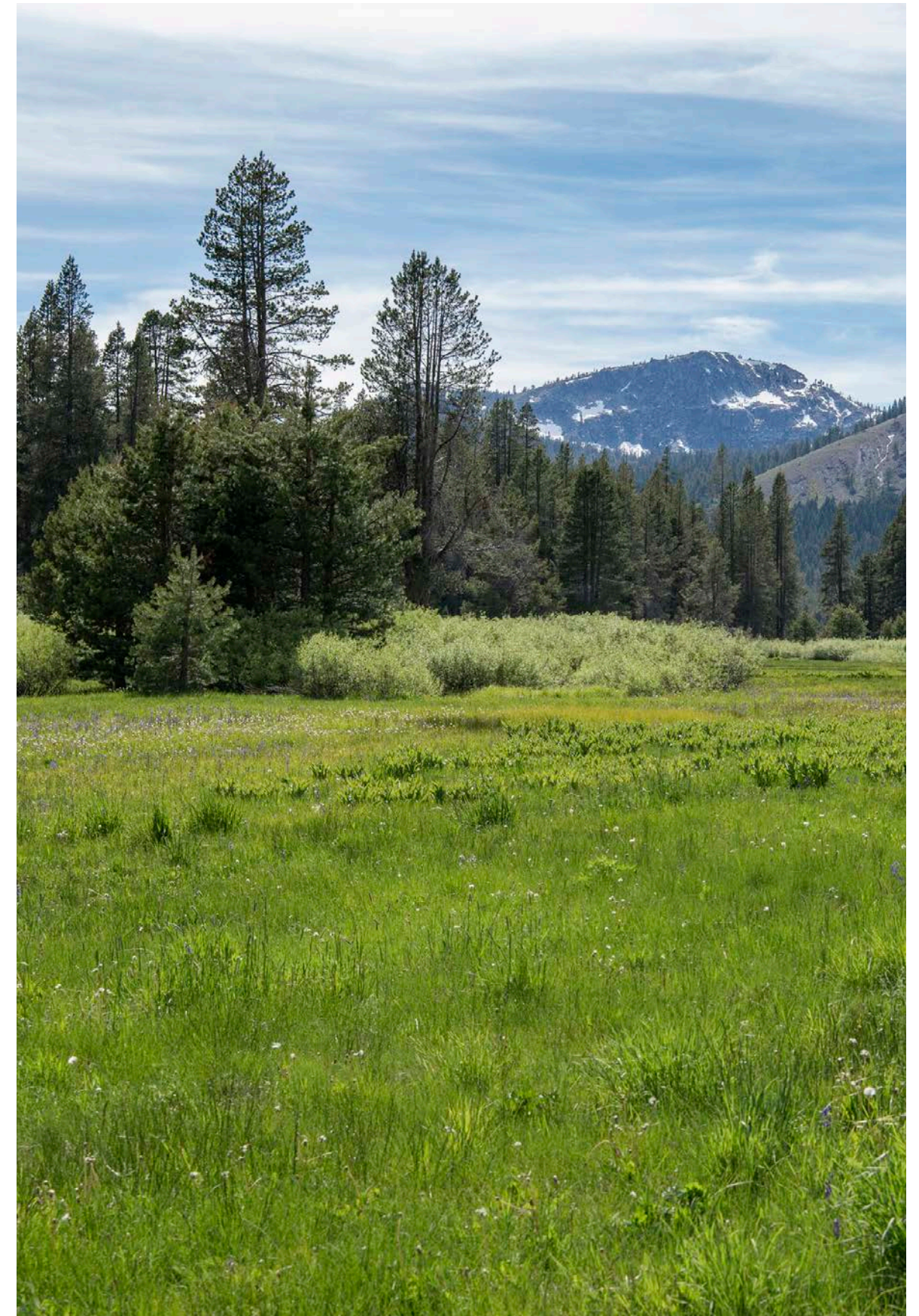
U.S. Forest Service (USFS)

Tahoe Donner's boundary is contiguous with several USFS properties. The USFS also owns one inholding within Tahoe Donner's borders. In some areas, Tahoe Donner maintains Special Use Permits (SUPs) with the USFS to extend the Association's winter XC trail system across USFS property. However, no SUPs exist between Tahoe Donner and the USFS pertaining to the summer trail system. Numerous unsanctioned, irregularly maintained user-created trails connect USFS land to the Tahoe Donner trail system. The Commemorative Overland Emigrant Trail is a USFS sanctioned and maintained singletrack trail running between its terminus on Alder Creek Drive just outside Tahoe Donner and Prosser Reservoir.

Truckee Donner Land Trust (TDLT)

With its partners, this regional land conservation non-profit holds title to several Tahoe Donner adjacent properties, including Johnson Canyon, Lower Carpenter Valley, and Frog Lake. The TDLT intends and expects to open all of these lands for public recreational use and to equip them accordingly with trails. To facilitate access to Lower Carpenter Valley, the TDLT obtained a land use agreement with Tahoe Donner to build a bridge and a trailhead with parking, restroom facilities, and a trail in the northeast corner of Tahoe Donner's Crabtree Canyon property.

The TDLT's Donner Lake Rim Trail (DLRT) also passes through several Tahoe Donner properties under an existing recreational easement. Existing easements with the DLRT also provide public access through Tahoe Donner in order to access the DLRT and Crabtree Canyon. Easements also allow passage through Tahoe Donner property for the purpose of accessing other adjacent TDLT properties.



Existing Plans, Documents, and Policies

2013 Trails Plan Policies incorporated into 2022 Trails Plan as Best Management Practices

POLICY DESCRIPTION		STATUS IN 2022 TRAILS PLAN
GOAL 1	MANAGEMENT. ESTABLISH MANAGEMENT PRACTICES AND PROTOCOL FOR A COMPREHENSIVE TRAIL SYSTEM UTILIZED BY A DIVERSE POPULATION.	
Policy 1.1	Benefit and Opportunities. The trail system in Tahoe Donner will be managed to benefit the community and provide a variety of recreational opportunities for all user types.	Retained as Best Management Practice.
Policy 1.2	Multi-Use Trail System. Tahoe Donner will provide a system of trails to accommodate a variety of users including hikers, joggers, bicyclists, equestrians, XC skiers, snowshoers, and dog owners.	Retained as Best Management Practice.
Policy 1.3	Trail System Rules. Management will work to establish and communicate trail system rules to reduce user conflict, effectively manage risk, and improve user experience.	Retained as Best Management Practice.
Policy 1.4	User Conflict. Management will work to reduce user conflict through trail design and maintenance, as well as working with users to establish and promote communication for trail sharing.	Retained as Best Management Practice.
Policy 1.5	Stewardship. Management of the trail system will make every effort to sustain the trail system and the surrounding environment through sound management practices and community involvement.	Retained as Best Management Practice.
Policy 1.6	Resource Conservation. Tahoe Donner will strive to practice resource conservation through its trail system, future development, and programs established for the trail system.	Retained as Best Management Practice.
Policy 1.7	Communication. Tahoe Donner will effectively communicate this Plan, projects, and programs, and welcome user feedback.	Retained as Best Management Practice.
New Policy	e-bikes. Class I e-bikes will be managed as mountain bikes and provided access to trails and roads open to standard mountain bikes.	Incorporated into new plan.
GOAL 2	PLANNING. CREATE A FRAMEWORK AND FOCUS FOR TRAIL DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE TRAIL SYSTEM THROUGH DEFINED STANDARDS AND PRIORITIES.	
Policy 2.1	Trail Design, Construction, and Maintenance for user group needs. Trail design, construction, and maintenance will incorporate the needs of the user groups as specified in the recommended trails standards.	Retained as Best Management Practice.
Policy 2.2	Trail Standards. Development, construction, and maintenance of the trail system will conform to the recommended trail standards.	Retained as Best Management Practice.
Policy 2.3	Trail Type. The trail system should include multi-use and user-preferred trails of varying levels of difficulty and provide the opportunity to connect to other trail systems which may offer more trail class types.	New plan recommends multi-use and designated use trails to achieve higher quality and safer experience of user groups
Policy 2.4	Trail Location. Any improvement work on existing trails will consider the recommended trail standards and key destinations. New trail locations will align with the recommended trail standards for design, development, construction, and maintenance.	Retained as Best Management Practice.
Policy 2.5	Easement Use. Reasonable attempt will be made to avoid utilizing the recreation easements on private property for the trail system.	Use of recreational easements on private property is not recommended in this plan.
Policy 2.6	Connectivity of Tahoe Donner Community. Tahoe Donner trail system will attempt to connect to landmarks, vistas, and other locations within the Association.	This plan recommends using common areas to connect neighborhoods to amenities and key destinations. Development of these common area access points should conform to Tahoe Donner Architectural and Covenants guidelines.
Policy 2.7	Connectivity to Regional Trail Systems. Focus will be given on connecting the trail system with trail systems and points of interest in the region to the benefit of the membership.	Carried into new plan with mutual benefit as a consideration.

Existing Plans, Documents, and Policies

2013 Trails Plan Policies incorporated into 2022 Trails Plan as Best Management Practices

POLICY DESCRIPTION		STATUS IN 2022 TRAILS PLAN
GOAL 3	DEVELOPMENT. ESTABLISH GUIDANCE FOR TRAIL DEVELOPMENT AND CONSTRUCTION TO ACHIEVE BEST PRACTICES AND PRUDENT FUNDING MECHANISMS.	
Policy 3.1	New Development. New development of trails will incorporate the recommended goals and policies. Development of trails will be at a level appropriate to the surroundings.	Retained as Best Management Practice.
Policy 3.2	Evaluation Process. All projects will be evaluated individually for safety, feasibility, cost analysis, and environmental impact.	Retained as Best Management Practice.
Policy 3.3	Trail System Phasing. Phasing of trail system improvements will be based on project priority and funding availability. Project priority will be based on safety needs, environmental impact, member input, and the ability of the project to add immediate value to the existing trail system.	This plan recommends implementation of multiple use and designated use trail improvements. Recommend prioritizing trail improvements that add immediate value, quality enhancements for both individual user groups and broader multiple use trail system.
Policy 3.4	Construction Best Management Practices. Trail and ancillary facility construction will be consistent with best management practices to ensure goals and policies are achieved as well as minimize natural resource and neighbor impacts for the short- and long-term.	Retained as Best Management Practice.
Policy 3.5	Project Management Best Practices. Every effort will be made to plan, implement, and execute each project thoroughly.	Retained as Best Management Practice.
Policy 3.6	Agency Approval. Trail construction will be compliant with all relative land use and development regulations.	Retained as Best Management Practice.
Policy 3.7	Tahoe Donner Association Funding. Funding will be considered for the development, construction, and maintenance of the trail system.	Retained as Best Management Practice.
Policy 3.8	Outside Funding. Federal, State, and private grant funds will be reviewed for the benefit of the trail system.	Retained as Best Management Practice.
New Policy	Adaptive Management: These recommendations represent the current needs and desires for trail improvements at Tahoe Donner, through adaptive management practices, changing use patterns, and developments will be addressed with ongoing management by Tahoe Donner staff and the TOS Committee.	Incorporated into new plan.
GOAL 4	MAINTENANCE. PROVIDE FOR STANDARDIZATION OF TRAIL SYSTEM MAINTENANCE.	
Policy 4.1	Asset Preservation. Tahoe Donner will strive to maintain the trail system, ancillary structures, and the surrounding recreation space for stainability.	Retained as Best Management Practice.
Policy 4.2	Regular Maintenance. This Plan will serve as strategic guidance for the standard and type of maintenance to occur on the trail system.	Retained as Best Management Practice.
Policy 4.3	Inspection. Regular systematic inspections of the trail system will occur to prevent and mitigate degradation of use, minimize hazards and risk, and promote general trail activity, and feedback through trail presence by staff and the membership.	Retained as Best Management Practice.

Previously Prepared 2016 Five-Year Implementation Plan

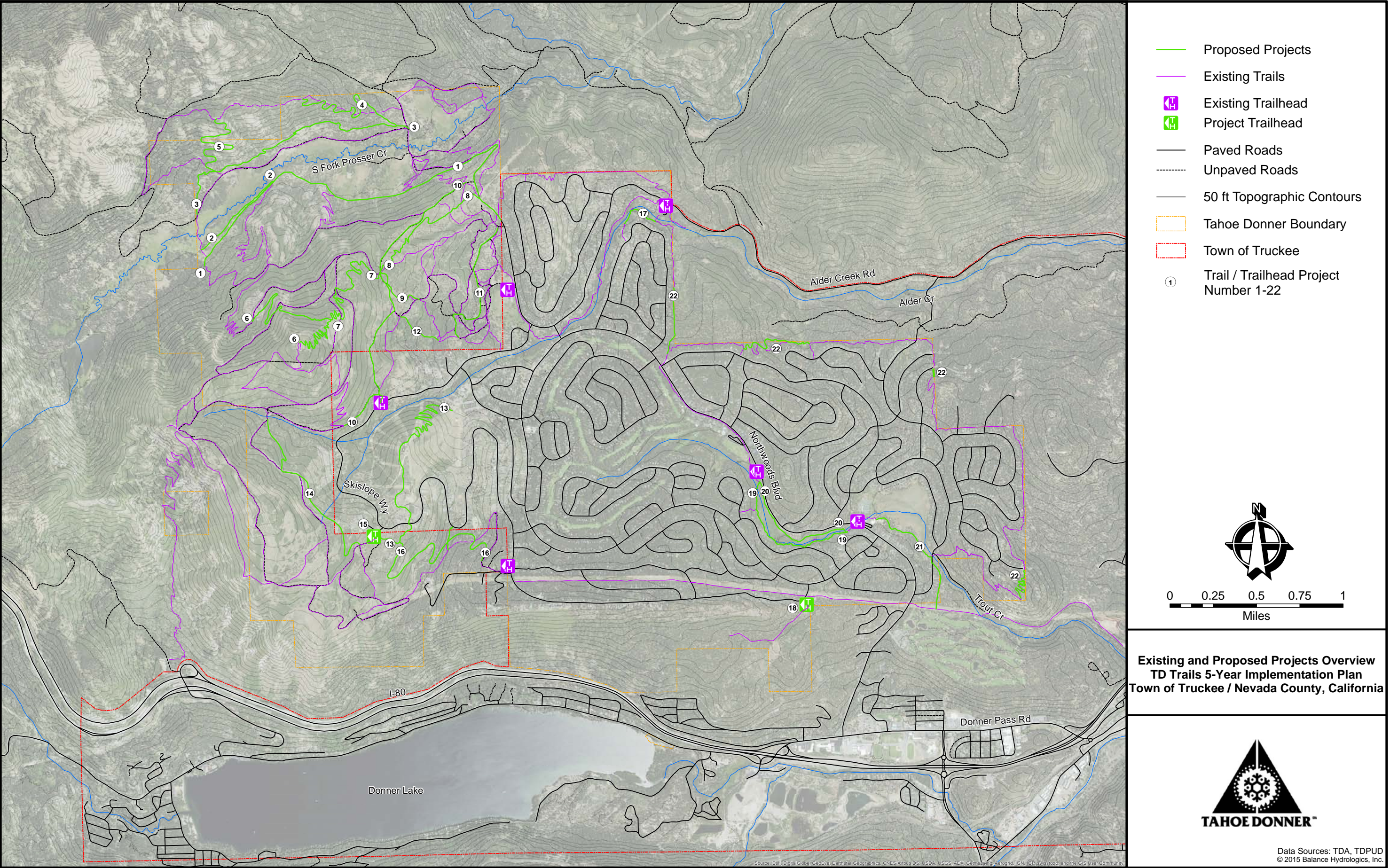


Figure 2: Previously Prepared 2016 Five-Year Implementation Plan

Project Status of the 2016 Five-Year Implementation Plan



Project 1: S. Euer Valley Road

Description: Rehabilitation and improvement to an existing approximate 12’ wide rough graded dirt roadway known as S. Euer Valley Road, the primary access route to the valley floor from Alder Creek Road. Road bed and surface degradation over time caused by seasonal and year-round drainages exacerbated with vehicular and recreational use. Important arterial trail system connection as well as both winter and summer time vehicular use for emergency and fire suppression access.
Status: Ongoing, potential 2023 completion

Project 2: Wild West

Description: New trail providing an off-roadway trail route as an alternative to the westerly portion of the S. Euer Valley Road (Project 1). The proposed route utilizes the top of a bank overlooking the Euer Valley and S. Prosser Creek to the north and approximately 20’ vertical feet higher than the valley floor.
Status: Complete

Project 3: Sidewinder

Description: New trail, although roughly established, providing an off-roadway trail route as an alternative to the N. Euer Valley Road. Trail has been informally used and roughly established, but considered to be a new trail proposal factoring the tread improvement and drainage crossings necessary for use as a sustainable trail.
Status: Complete

Project 4: East Mustang Sally

Description: New trail providing usable and sustainable grade to a popular hiking and biking destination in lieu

of the steep rough graded roadway. Project also includes needed drainage improvement to address fall-line erosion to the existing rough graded roadway utilized for winter grooming and XC skiing.
Status: Complete

Project 5 Name: West Mustang Sally

Description: New trail and decommissioning of existing trail providing usable and sustainable grade to a popular hiking and biking destination in lieu of the steep fall-line trail. Implementation reliant and commensurate upon approval for connecting link to Project 4 (East Mustang Sally) by, and utilizing the lands of, the USFS.
Status: Complete

Project 6: Upper Motherlode

Description: New trail from the top of Hawks Peak, commencing at the end of the existing Hawks Peak trail and connecting with the existing Lower Motherlode trail by way of a short section of the lower existing dirt roadway. Connects with Project 7 mid-project, providing an alternative trail route continuing to the northeast.
Status: Complete

Project 7: Upper True Grit

Description: Northeasterly continuation from Upper Motherlode (Project 6) providing trail connection to a main roadway intersection at Project 10 near the Sundance Hut and beginning of Project 8.
Status: Complete

Project 8: Lower True Grit

Description: New trail providing alternative to existing rough graded dirt roadway utilized for past

mastication activity. Provides trail alternative to the existing rough and fall-line roadway from the Sundance Hut to the Alder Creek Road extension known as Project 1. Also a northeasterly extension of proposed trail Projects 6 and 7.
Status: Complete

Project 9: Whoop It Up

Description: Rehabilitation and realignment of a small segment of an existing trail to create sustainable grades, prevent erosion and re-route around an impacted riparian area. Includes decommissioning and rehabilitation of the existing trail through lower riparian area as well as a new trail extension.
Status: Ongoing, potential 2023 completion

Project 10: Sundance / Crazy Horse

Description: Rehabilitation and improvement of an existing rough graded roadway commonly utilized for maintenance vehicular access and recreational use as a connective link within the larger trail system. Improvement involves re-surfacing with crushed gravel to stabilize roadway surface and many new, and improvement to existing, rolling dips. Limited regrading will be necessary in some locations to achieve either an inslope or outslope surface dependent upon the existing roadway condition and goal of limiting grading activity. All rolling dips will utilize a rock lined bottom and rock dissipaters will be utilized where necessary to shed and manage runoff from the roadway and disperse evenly on the downhill side to prevent runoff channelization and erosion.
Status: Ongoing

2016 Five-Year Implementation Plan Progress Summary

PROJECT #/NAME	STATUS/NOTES
Project 1: South Euer Valley Road	Ongoing, potential 2023 completion
Project 2: Wild West	Complete
Project 3: Sidewinder	Complete
Project 4: East Mustang Sally	Complete
Project 5: West Mustang Sally	Complete
Project 6: Upper Motherlode	Complete
Project 7: Upper True Grit	Complete
Project 8: Lower True Grit	Complete
Project 9: Whoop It Up	Ongoing, potential 2023 completion
Project 10: Sundance / Crazy Horse	Ongoing, potential 2023 completion
Project 11: Home Range Road	Complete
Project 12: Rust Never Sleeps	Complete
Project 13: Eagle Rock Trail	Not Built, shown in new MP with additional proposed trails in the ski area.
Project 14: Sunrise Trail	Not Started
Project 15: Glacier Way Trailhead	Not Started
Project 16: Broken Chain (Teewinot)	Complete
Project 17: Hillside Trail	Not Complete
Project 18: Bermgarten (McGlashan Springs) Trailhead	Ongoing, potential 2023 completion
Project 19: Nature Loop South	Ongoing, potential 2023 completion
Project 20: Nature Loop North	Ongoing, potential 2023 completion
Project 21: Clubhouse Trail	Ongoing, potential 2023 completion
Project 22 A+D: Eastern Perimeter Trail (North Segments A+D)	Ongoing, addressed in MP as FS encroachment
Project 22 B+C: Eastern Perimeter Trail (South Segments B+C)	Ongoing, potential 2023 completion

Project Status of the 2016 Five-Year Implementation Plan

Project 11: Home Range Road

Description: Rehabilitation and improvement of an existing rough graded roadway commonly utilized for vehicular maintenance access and recreational use, including both summer and winter time use.

Status: Complete

Project 12: Rust Never Sleeps

Description: Rehabilitation and improvement of a short existing rough graded roadway commonly utilized for vehicular maintenance access and recreational use. Most commonly used by equestrians and winter time use, including grooming for XC skiing.

Status: Complete

Project 13: Eagle Rock Trail

Description: New trail providing connection from Glacier Way Trailhead (Project 15) to the base of the downhill ski area. Includes a signed and striped crossing of Skislope Way and utilizes the northeasterly aspect of the downhill ski area runs after it wraps around the top of the ski area at Eagle Rock.

Status: Not Built, shown in new MP with additional proposed trails in the ski area.

Project 14: Sunrise Trail

Description: New trail traversing the Sunrise Bowl area situated below an existing dirt roadway. The proposed trail provides a superior alternative to this steep roadway, particularly a steep incline/decline roadway segment which is avoided with the new trail alignment, and creating a much gentler trail grade for trail users. The proposed trail provides a key north-south trail linkage currently lacking

within the larger trail system.

Status: Complete

Project 15: Glacier Way Trailhead

Description: Improvement and expansion of the Glacier Way Trailhead, including additional paved parking area and drainage improvements. Heavily used trailhead with parking spill-over into the adjacent Glacier Way public roadway during peak usage. Expansion and formalizing of parking area results in 23 parking spaces, including 1 accessible space adjacent to the existing paved accessible path. Trailhead provides access to many existing Tahoe Donner trails, the Donner Lake Rim Trail and proposed Projects 13, 14 and 16.

Status: Not Started

Project 16: Broken Chain (Teewinot)

Description: New trail connecting Glacier Way Trailhead (Project 15) to the existing Teton Way Trailhead (no project). Provides both new trailhead-to-trailhead connection, but also an alternative to use of the existing dirt roadway (lower reach). Includes needed drainage and erosion improvement of a spur connection to Skislope Way.

Status: Complete

Project 17: Hillside Trail

Description: Numerous improvements to an existing narrow hiking-only trail, primarily in areas degraded by runoff directed from the adjacent uphill roadway (Hillside Drive) and perennial drainages. Includes the decommissioning and rerouting of a small existing trail segment that is eroding due to its close proximity to Alder Creek.

Status: Not Complete

Project 18: Bermgarten (McGlashan Springs) Trailhead

Description: Improvement to an old logging deck to be known as the Bermgarten Trailhead, including new paved parking area and driveway access, drainage improvement and trailhead facilities (kiosk, dog bags/disposal). Existing 14' wide dirt access road to be widened to a 24' wide paved driveway with a maximum slope of 8%. New paved parking area will accommodate 14 vehicle parking spaces, including 1 accessible parking space. Trailhead provides access to many existing dirt roads and trails as well as the planned Donner Lake Rim Trail.

Status: Ongoing, potential 2023 completion

Project 19: Nature Loop South

Description: One of the oldest TD trails with numerous needed improvements and rehabilitation to various existing trail features. Known as the Nature Loop (consisting of this Project 19 and Project 20, Nature Loop North) this looped hiking trail has a close association with the adjacent riparian environment of Trout Creek and related resources. Heavily used and popular trail loop causing degradation of the environment and user experience (muddy and wet sections of trail) and safety (failing trail tread/edge, failing boardwalk). In contrast to the road-bed character for much of Project 20, this Project 19 portion of the Nature Loop is a true trail with a smaller typical tread width, particularly on the easterly end.

Status: Ongoing, potential 2023 completion



Project 20: Nature Loop North

Description: One of the oldest TD trails with numerous needed improvements and rehabilitation to various existing trail features. Known as the Nature Loop (consisting of this Project 20 and Project 19, Nature Loop South) this looped hiking and biking trail has a close association with the adjacent riparian environment of Trout Creek and related resources. Heavily used and popular trail loop causing degradation of the environment and user experience (muddy and wet sections of trail). In contrast to the narrower typical trail character of Project 19, this Project 20 typically has a road-bed-type tread and character so it is available to more user types, but does also have segments of less wide trail.

Status: Ongoing, potential 2023 completion

Project 21: Clubhouse Trail

Description: Improvement of existing trail and new trail continuation to connect to the paved Trout Creek Recreational Trail. Improvements to the existing trail involve a range of fixes all centered around runoff and erosion management for the benefit of the trail user and surrounding environment, particularly the adjacent meadow environment known as Bennett Flat.

Status: Ongoing, potential 2023 completion

Project 22 A+D: Eastern Perimeter Trail (North Segments A+D)

Description: Improvement to two of four segments of an existing trail (see also Project 22 B+C). Segment 22A involves two reroutes and decommissioning of the

existing trail, both intended to address unsustainable steep trail grades. Segment 22D involves the rehabilitation and addition of rolling dips with rock dissipaters to control and manage runoff and resultant erosion.

Status: Ongoing, addressed in MP as FS encroachment

Project 22 B+C: Eastern Perimeter Trail (South Segments B+C)

Description: Improvement to two of four segments of an existing trail (see also Project 22A+D). Segment 22B involves trail rerouting and decommissioning for sustainability purposes by addressing the lack of grade reversals and existence of small radius switchbacks causing trail degradation and erosion. Segment 22C also involves the trail rerouting and decommissioning for sustainability purposes exacerbated by the narrow width of the available project area (see below) and steep condition of the existing slope and trail as it descends to Brookstone Drive. Segment 22C also involves the installation of rock steps on the north side of Brookstone Drive.

Status: Ongoing, potential 2023 completion





B Site Analysis

Existing Conditions

Background

Brief History of the Trail System

One of the earliest records of human interaction at Tahoe Donner dates back to the Washoe people. In summertime, members of the Washoe tribes explored the Tahoe Donner area to fish its waters, hunt local species and gather natural resources. Once colder weather arrived, the Washoe people moved to the milder climate and stayed below the mountains. During the fall period of each year, members would travel over the crest of the summit to collect acorns. Acorns were a valuable food source over the winter months within Tahoe Donner. Remnants of a bedrock mortar have been found where acorns were ground in bowl-shaped holes. The Washoe people took a firsthand approach when it came to wildfire, creating manageable fires for the benefit of the land and its uses. In this way, Tahoe Donner’s land was used for generations as a resource and haven for the Washoe people. This same land, however, became a commodity to migratory Europeans following the gold and silver rushes in the 1850s.

Tahoe Donner Association was originally developed with the intention of building a family resort with vacation amenities for its members. The first home was built in 1971. The original trail system was constructed for equestrian use and consisted of approximately 15 miles. It was maintained by Multi-Use Management (M.U.M.), an outside contractor. In 1982, Tahoe Donner Association acquired the 2,000 Acres, which contains many forest roads and skid trails created to facilitate the late 1800’s logging operation to support the railroad and the salvage logging

operation after the 1960 Donner Ridge Fire. Doug Smith, the first forester for Tahoe Donner (from 1988 until 1993) created the basis for today’s trail system. There were 16 miles of multi-use trails in 1994. Since that time, there has been the creation of the Trails Department and the establishment of a Director of Land Management leading the planning and construction of new and improved trails.

Since 2002, Tahoe Donner has acquired an additional 1,142 acres, including two Euer Valley purchases, the Bucknam Tract, the McGlashan Springs parcel, and an additional 20 acre property. The acquisitions included documented XC skiing access to the Euer Valley floor through a previous recreational license, timber harvest and other access roads, and equestrian trails. Today, the trail system varies in development, a mix of singletrack and doubletrack trails following a system of old logging and access roads. Many of the existing trails were developed as logging and access roads which do not provide a varied user experience or do not connect to vistas or other points of interest. Others were built with steep grades or along creeks and experience regular problems with erosion.

Overview of the Existing Tahoe Donner Trail System

At present, Tahoe Donner comprises over 7,000 acres, with over 4,000 acres of recreation space, and 1,300 acres of common area interspersed among the more than 6,000 homes.

The trail system currently consists of more than 60 miles of multi-use trails. Since approximately 2011, Tahoe Donner has sought to construct and maintain trails based upon those standards used by the United States

Department of Agriculture Forest Service (USFS). However, legacy trails built in Tahoe Donner before the adoption of these standards do not generally conform to currently accepted trail building best practices. These legacy trails include historical logging and fire access roads, equestrian trails, and user-created trails adopted into the system as a result of repeated use.

The existing trail system includes major and minor trailheads, as well as a number of official and unofficial neighborhoods access points.

The trail system also includes associated signage, kiosks, restroom facilities, dog waste stations, and various other ancillary infrastructure.



Washoe People

Tahoe Donner’s land was used for generations as a resource and haven for the Washoe people. This same land, however, became a commodity to migratory Europeans following the gold and silver rushes in the 1850s.



Logging

Many of the forest roads and skid trails were created in the late 1800s and early 1900s to accommodate logging and then raising dairy cows after deforestation.

Land Management

Today, a Department of Land Management, trail crew and management team work to mimic the effects of fire cycles. This is done by mechanically reducing vegetation that would have been consumed in low-level surface fires. Brush is masticated, planted conifer seedlings quickly grow in the newly created bed, and maturing trees are thinned as necessary to reduce competition. Large and properly spaced trees can shade out the understory and prevent excess brush to grow, creating a living fuel break. The Department's goal is always to try to balance the protection of the Association and the promotion of natural ecology by mimicking low-intensity fire. A Forest Management Plan is visited on a five-year basis.

A large part of what makes Tahoe Donner great is the flora and fauna that also call it home. The towering trees that wind along roads and trails include:

- Sugar pine
- Lodgepole pine
- Western white pine
- Jeffrey pine
- Red fir
- White fir
- Mountain hemlock

Chaparral and brush are among other native and natural plant species within the Association. These early-succession species once created a large fire risk, but with proper mastication techniques, chaparral and other shrubs can safely offer a home to deer, squirrels, grouse and other forest species. Tahoe Donner's many streams and wetlands include Prosser Creek,

Trout Creek, Alder Creek, the area surrounding Alder Creek Adventure Center and the land along the Nature Loop Trail.

Tahoe Donner's land is a home for flora, fauna, families and communities that date back centuries. To learn more about the land management, visit tahoedonner.com/forestry. To learn more about the history of Tahoe Donner, visit tahoedonner.com/50years.



Overview

Tahoe Donner has a diverse landscape of mature forests, meadows, and replanted areas from the 1960 Donner Ridge Fire as shown in the foreground of this photo from Hawk's Peak, looking towards the Alder Creek Adventure Center (ACAC).

Regional Ownership

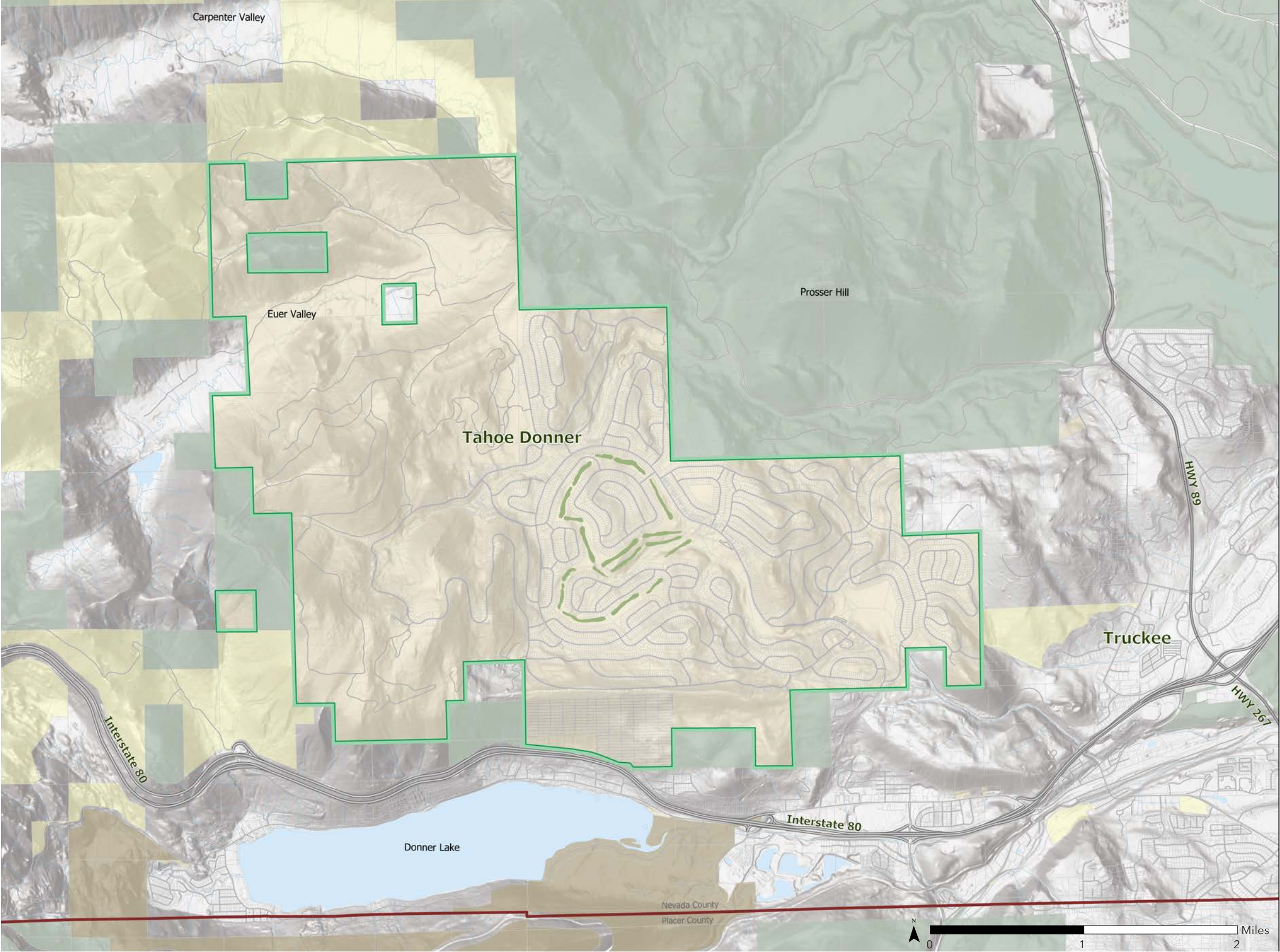


Figure 3: Regional Ownership Map

Overview

As of 2022, the Tahoe Donner Association has land management oversight responsibilities across 7,376 acres. This includes 5,018 acres owned by Tahoe Donner, which is comprised of over 4,000 acres of recreation space and 1,300 acres of common area interspersed among the community homes.

The TMP covers the Association trails within the boundaries of Tahoe Donner and possible connections with other trail systems in the area. Any newly acquired properties will be included into the TMP boundary and subject to the standards and guidelines set forth in this Plan.

Legend

- Tahoe Donner Property
- National Forest Property
- Truckee Donner Land Trust Property
- California State Park

Land Use Designation and Significant Ownership

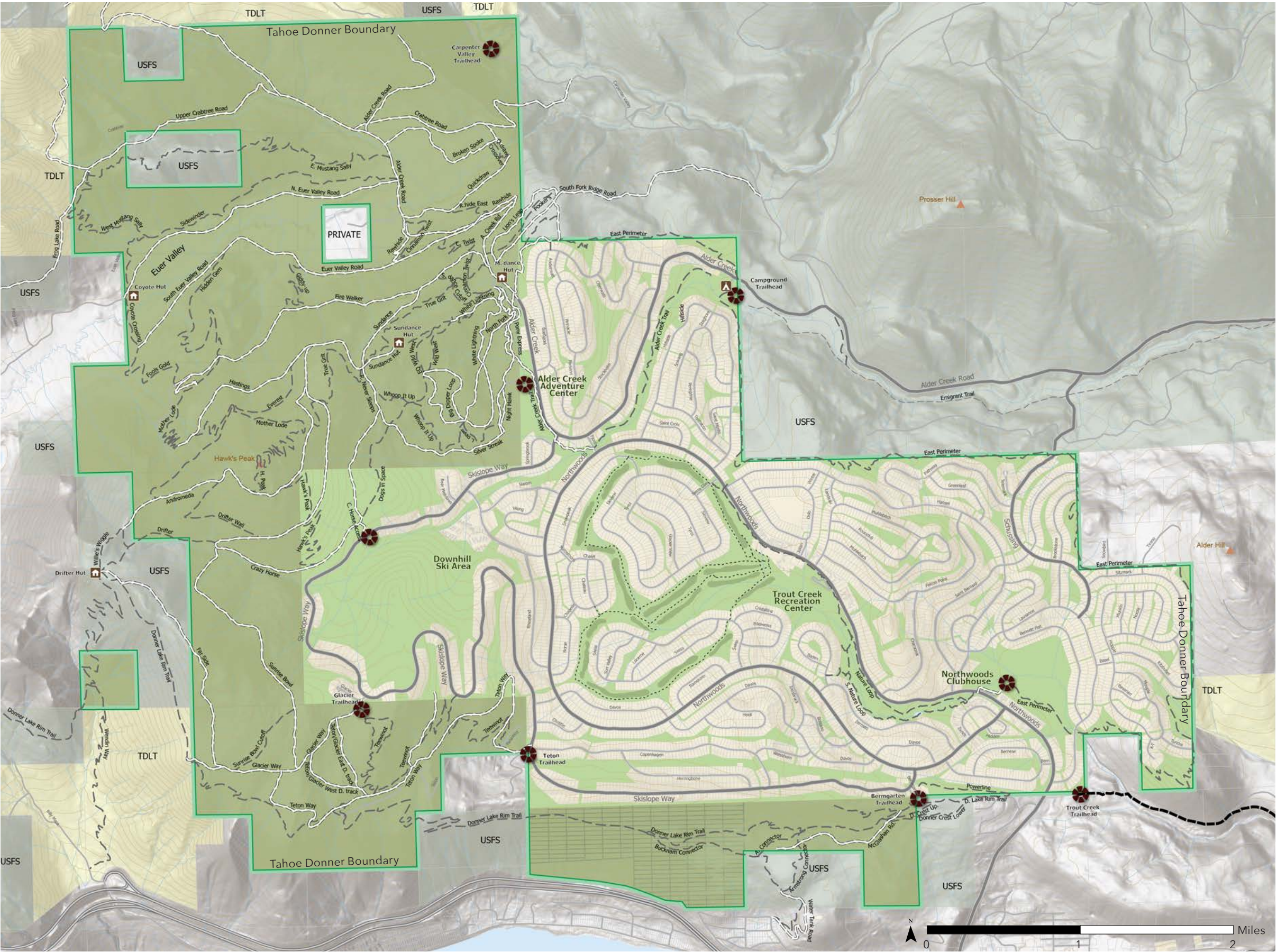


Figure 4: Land Use Designation and Significant Ownership Map

Overview

The Association’s undeveloped property is under two different ownership designations:

Common Area and Other Association Real Property (Open Space). Under deed restrictions maintained by the Association, different uses are allowed within each of these designated areas.

Lands designated as **Common Area** are real property owned by the Association and identified for the common use and enjoyment of the owners.

“The Common Areas shall be preserved as open space except where, improved for recreational purposes or other purposes incidental and ancillary to the use of Lots or administration of the Association.” (TDA C&R Article VIII, Section 1(b))(TDA 1992)

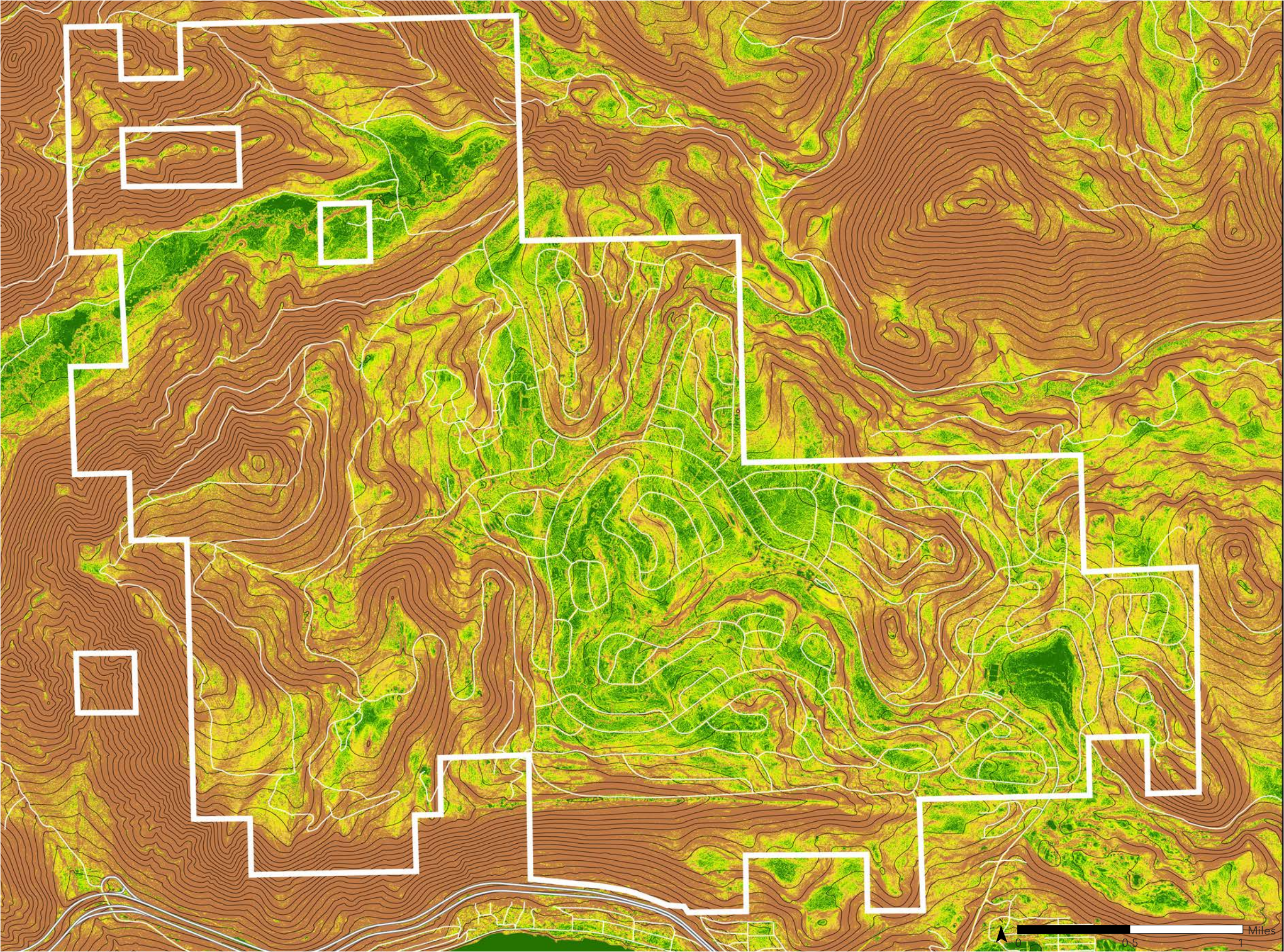
Other Association Real Property refers to certain parcels of real property now owned or to be acquired in the future by the Association which are not dedicated as Common Area. According to the Tahoe Donner Association Covenants and Restrictions:

“The use, enjoyment, and development of Other Association Real Property shall be in the sole discretion of the Board of Directors except that:
a. Such use, enjoyment, and development shall always be at the advantage and in the best interests of the association and its Members...” (TDA C&R Article VIII, Section 4) (TDA 1992)

Legend

- Tahoe Donner Other Association Real Property
- Tahoe Donner Common Area
- National Forest Property
- Truckee Donner Land Trust

Existing Conditions - Slope



Overview

Slopes range from flat to 80%, although the majority of slopes are less than 35%. The site generally slopes toward the east and south, with the exception of Euer Valley. Elevation ranges from approximately 6,200 at the south end of the property near I-80 to a high point of 7,825 feet at the top of Donner Ridge above Sunrise Bowl.

Legend

- 0 - 10%
- 10.1 - 20%
- 20.1 - 30%
- 30.1 - 40%
- 40.1 - 50%
- 50.1 - 60%
- 60.1 - 70%
- 70.1 - 80%
- 80.1% +

Figure 5: Existing Conditions Slope Map

Opportunities

- Some existing cart paths (identified on a case by case basis) can be plowed to offer winter use.
- ACAC could be better utilized in the summer and be used for member events and become a hub for summer trail users.
- New trail connections could be improved along the southwest part of Tahoe Donner.
- Downhill ski area could be utilized in the summer with the addition of new trails and connections.
- Create a Class I trail through the subdivision connecting the community between ACAC and downtown Truckee.
- Provide neighborhood connectors to connect neighborhoods that are farther from the main trail network.
- Programmatic offerings that drive volume to underutilized facilities to increase value through member enjoyment.
- Trail connections could be more direct to Euer Valley and other destinations.

wConstraints

- Trail network is dense and concentrated around ACAC.
- Trail network concentrated on the northeast side of Tahoe Donner.
- Some Tahoe Donner trails are encroaching outside of Tahoe Donner land.
- Trail access points are limited and are not easily visible.
- Gaps in trail connectivity exist. For instance, many equestrian trails do not easily connect to other equestrian trails.

Site Conditions Imagery



Many trails are connected through dirt roads, there is an opportunity to connect trails to trails to aid in navigation and enhance user experience.



Remnants of ranching operations remain in Euer Valley and provide an opportunity for interpretation along the trail system.



Trails located in wet areas have dense vegetation requiring more maintenance with brushing and water crossings.



The equestrian center can be enhanced and welcoming to the public by the creation of a dedicated equestrian zone.



The existing Nature Trail offers a smooth surface, all access trail. There is potential to create new trails similar to this in other areas within easy access to trailheads and parking.



Forestry operations and fuels reduction projects can utilize the trail system for easier access to the land.

Site Conditions Imagery - Navigation



At west end of Euer Valley a formal crossing of the meadow and Prosser Creek is planned with a new boardwalk and bridge. Currently the area lacks a connection in the spring when the meadow is wet.



This is an example of a signage family that could be developed for Tahoe Donner. It is recommended to create such a signage plan in the future for consistency in wayfinding, branding, and messaging.



Existing summer trail signs consist of a 4x4 wood post with a bolted fiberglass carsonite and stickers, there is an opportunity to enhance wayfinding with a consistent signage family.



Small arrows and fiberglass carsonites are bolted to trees in some places to aid in wayfinding, this could be improved with a consistent signage family.



Winter trail signage stays in place year-round but is inconsistent with summer trail names and signs. Summer and winter trails could be better coordinate with names and signs.



Trailhead kiosks are inconsistent in summer and winter maps. This trail user is looking at the winter map, which does not show the summer trails.

Trends and Community Comparisons

General Statements per Growth

Growth has become a ubiquitous trend in Northern Lake Tahoe over the past ten years, driven by a buoyant economy and desire for outdoor recreation experiences. Additionally, the COVID Pandemic has driven new trends allowing for “remote work” status, coupled with even stronger desire to build community close to recreation that has become elevated in importance in a balanced work and home life.

The Tahoe Donner community has undoubtedly followed the same trends for the past ten years. This has been demonstrated recently by a heated real estate transaction market, and very limited sales or rental inventory. Many rental units have been migrated toward the “short term rental” (STR) marketplace, allowing owners to maximize rental revenues with limited occupancy. This in turn has driven some new visitation patterns. The Town of Truckee has stringent guidelines over STR uses.

2020 Median household income in Truckee (including Tahoe Donner) was \$98,587, compared to the national average of \$67,712 and the California average of \$78,672. Truckee is made up of approximately 16,600 residents, 6,070 households, of which about 53% are used for seasonal or recreational use. Unemployment rates are low at about 2.8%. Truckee’s age demographics map similarly to those of the state, with the exception of a slightly lower population of 18-24 years and slightly heavier population of 41-64 years. Truckee lacks racial and ethnic diversity in comparison to the state as a whole.¹

Recent Trends in Tahoe Donner (2019-2021)

The Tahoe Donner member survey, conducted in December of 2021, points to some very important points noted in the “key findings”.

Several indicators point to the likelihood of more crowding in Tahoe

¹ * Source US Census Bureau, American Community Survey, latest 5-year averages. (Data excludes non-resident)

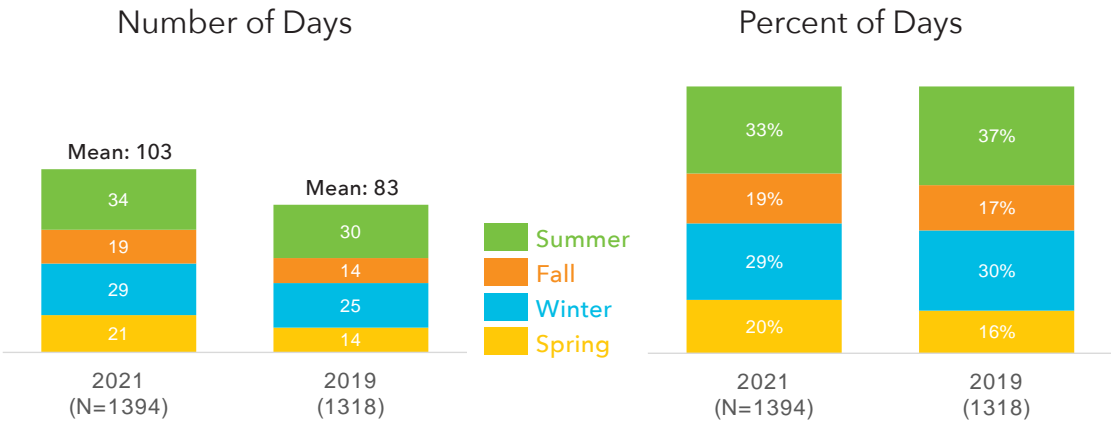
Donner. There are now more full-time members living in their homes than ever before, second home owners are spending an additional 20 days each year (+24%) at Tahoe Donner, and there is growth in intention by second home owners to become full time residents in the future.² See graph below.

In addition, new buyers tend to be younger than current ownership, with 60% under age 50. New buyers are predominately from the Bay Area with some from Sacramento and the Northern Central Valley. There is strong motivation toward use of amenities, particularly the trails network.³ See graphs to the right.

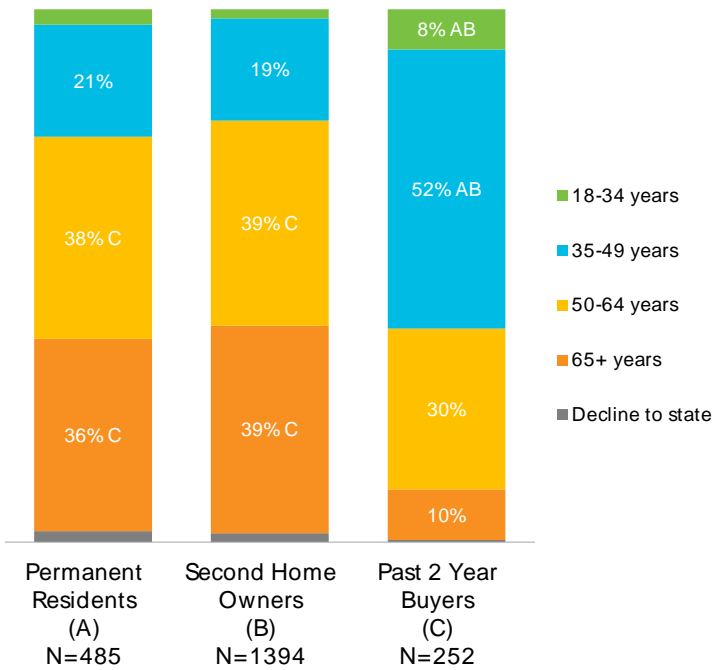
Recent usage and popularity trends of the Tahoe Donner trail network suggest that a review of maintenance metrics would be wise. In particular, reviewing head count and equipment hours dedicated to trails upkeep. Current resource allocations do not align with the importance noted by membership around trails.

² source 2021-member survey
³ source 2021-member survey

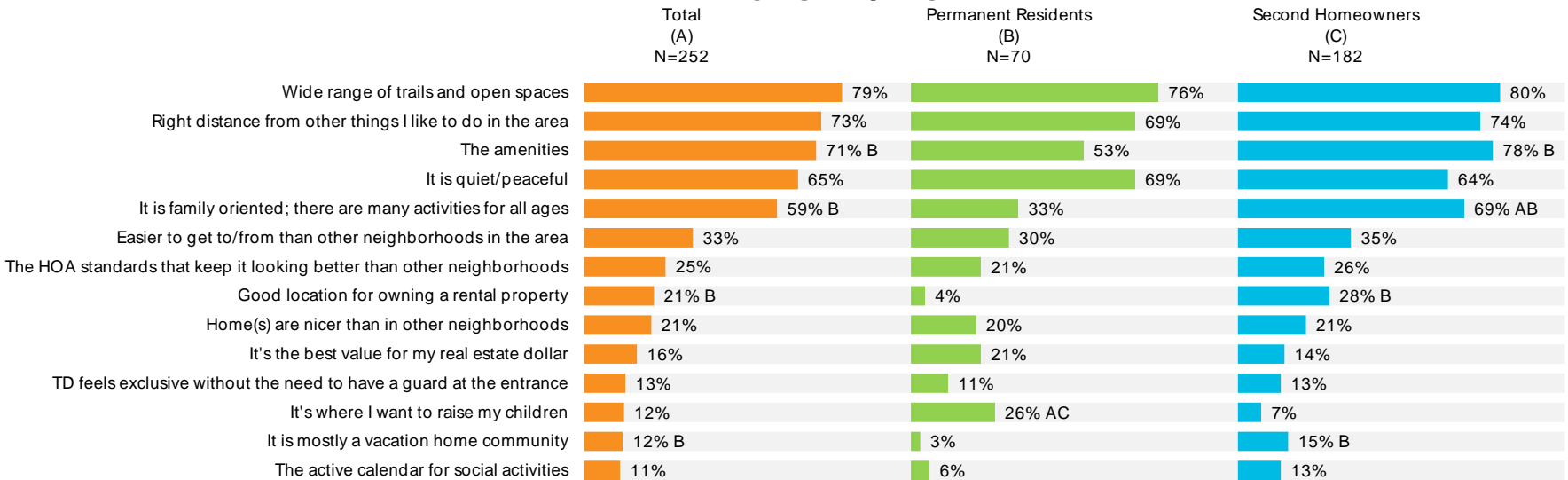
Time Spent at Tahoe Donner by Season (Second Homeowners)



Tahoe Donner Home Ownership by Age



Reason for Buying Property in Tahoe Donner



Trends and Community Comparisons

Mid/Post COVID Outdoor Recreation Trends

Recreation offerings in the Northern Lake Tahoe area have become incredibly popular, whether resort delivered or self-administered. Anecdotes related to popularity of recreational equipment have floated through industry production companies since the pandemic and demand does not seem to be calming. Furthermore, interest in e-bike recreation is closely following trends in other developed countries, and so growth of this segment is highly anticipated in all US markets. More boutique devices like One Wheel, are also gaining traction as modes or transport and recreation on paved and native surfaces.

Of particular note in a recent data review¹, it is noted that spending on recreation expenditures in the Bay Area (up to 240 minutes from Truckee) far outstrips local spending (0-60 minutes from Truckee). See map to the right.

Locally, we see spending on many recreation vehicles and fees below the national spending potential index of 100 (SPI) and slightly above the SPI on recreation equipment, with particular interest shown to bikes, camping equipment and winter sports equipment.

Broadly, including the Bay Area, we see spending on many recreation vehicles and fees and on recreation equipment substantially above the national SPI, with particular interest shown to camp fees, bikes, camping equipment and winter sports equipment.

These data points suggest that though a local market has access to many recreation networks, actual spending enthusiasm lies with those further afield in urban and suburban living situations. This seems to align with many of the existing, and particularly new resident, profiles of the Tahoe Donner community. This suggests that there could be enduring growth potential and interest in improved offerings within the trails master plan network (including programmatic offerings noted in the Elements Matrix).

Tahoe Donner Growth Differentiators

Differentiators help separate a community, business, or experience from the pack or competition. Some differentiators for the Tahoe Donner community include:

- Recreation centric community culture and values.
- Excellent recreation facilities as a foundation.
- Large holdings of land with recreation access as an allowable use.
- Underutilized facilities and land for future recreation expansion.
- Facilities that could host events and generally manage much more volume from a business perspective.
- Proven monetization models from winter operations that may be applied to summer recreation.



Recreation Expenditures in the Bay Area (up to 240 minutes from Truckee)



Recreation Expenditures

Truckee, California
Drive Time Band: 0 - 60 minute radius

Prepared by Esri
Latitude: 39.32612
Longitude: -120.21215

Demographic Summary		2021	2026	
Population		571,184	611,662	
Households		225,826	242,128	
Families		140,140	150,024	
Median Age		39.4	39.5	
Median Household Income		\$72,252	\$80,716	
		Spending Potential Index	Average Amount Spent	Total
Recreational Vehicles and Fees		94	\$106.50	\$24,049,545
Docking and Landing Fees for Boats and Planes		93	\$8.70	\$1,964,714
Camp Fees		83	\$25.51	\$5,761,684
Payments on Boats/Trailers/Campers/RVs		96	\$48.74	\$11,006,520
Rental of Boats/Trailers/Campers/RVs		107	\$23.54	\$5,316,628
Sports, Recreation and Exercise Equipment		106	\$190.76	\$43,077,544
Exercise Equipment and Gear, Game Tables		106	\$58.34	\$13,175,558
Bicycles		109	\$32.45	\$7,327,617
Camping Equipment		118	\$24.59	\$5,552,037
Hunting and Fishing Equipment		99	\$48.14	\$10,872,072
Winter Sports Equipment		106	\$7.81	\$1,762,658
Water Sports Equipment		100	\$8.36	\$1,886,968
Other Sports Equipment		108	\$7.70	\$1,738,877
Rental/Repair of Sports/Recreation/Exercise Equipment		107	\$3.08	\$696,483



Recreation Expenditures

Truckee, California
Drive Time Band: 120 - 240 minute radius

Prepared by Esri
Latitude: 39.32612
Longitude: -120.21215

Demographic Summary		2021	2026
Population		10,147,951	10,451,877
Households		3,615,051	3,720,076
Families		2,391,342	2,459,423
Median Age		38.6	39.2
Median Household Income		\$96,241	\$108,621
	Spending Potential Index	Average Amount Spent	Total
Recreational Vehicles and Fees			
	142	\$160.48	\$580,142,542
Docking and Landing Fees for Boats and Planes	141	\$13.15	\$47,550,350
Camp Fees	163	\$50.37	\$182,082,156
Payments on Boats/Trailers/Campers/RVs	119	\$60.54	\$218,851,564
Rental of Boats/Trailers/Campers/RVs	166	\$36.42	\$131,658,473
Sports, Recreation and Exercise Equipment			
	145	\$262.14	\$947,637,920
Exercise Equipment and Gear, Game Tables	149	\$82.17	\$297,031,692
Bicycles	149	\$44.28	\$160,070,717
Camping Equipment	151	\$31.50	\$113,880,566
Hunting and Fishing Equipment	131	\$63.67	\$230,169,026
Winter Sports Equipment	181	\$13.36	\$48,280,776
Water Sports Equipment	139	\$11.55	\$41,764,814
Other Sports Equipment	148	\$10.55	\$38,141,563
Rental/Repair of Sports/Recreation/Exercise Equipment	157	\$4.50	\$16,264,176

* Data Note: The Spending Potential Index (SPI) is household-based, and represents the amount spent for a product or service relative to a national average of 100. Detail may not sum to totals due to rounding. Source: Esri forecasts for 2021 and 2026; Consumer Spending data are derived from the 2018 and 2019 Consumer Expenditure Surveys, Bureau of Labor Statistics.

1 source esri 2022



© Stakeholder Engagement Summary & Benchmarking

Stakeholder Engagement Summary

Summary of Engagement Efforts

The consultant team along with Tahoe Donner staff worked collaboratively with many listening sessions to engage the membership, clubs, and the Trails and Open Space Committee throughout the process. Consultants and staff also engaged key external partners and stakeholders to ensure a cohesive link between the Truckee Donner Land Trust, USFS, Nevada County and the Town of Truckee. Survey results and feedback from the scheduled planning meetings informed the ideation process, and the general ideas gathered were compiled into focus areas. Focus area topics were discussed at scheduled meetings and analyzed for potential social and environmental opportunities and challenges. Alternatives were then developed out of the analysis and presented back to the membership and TOS for further feedback. Draft plan recommendations were based on the alternatives and membership input. In depth engagement information is located on the Tahoe Donner Website.

Summary of 2021 Member Survey

The 2021 Member Survey was conducted before the start of the Trails Master Plan Update and provided a baseline in which subsequent outreach efforts could build upon. The purpose of the survey was to measure opinions among Tahoe Donner homeowners to understand who the new residents are, member attitudes toward amenities, satisfaction and value of TD, and opportunities for improvements. The key findings of the 2021 Member Survey that informed the TMP are:

- Several indicators lead to the likelihood of more crowding in Tahoe Donner. Significantly more members now live full time in TD and second homeowners spend more time in TD now than in 2019.
- New buyers (past 2 years) are similar to existing members. 60% of new members are under the age 50. 70% from the Bay Area. 79% were motivated to buy because of trails.
- Trails rank as the most important amenity to members.
- Members desire more access to amenities.



Process

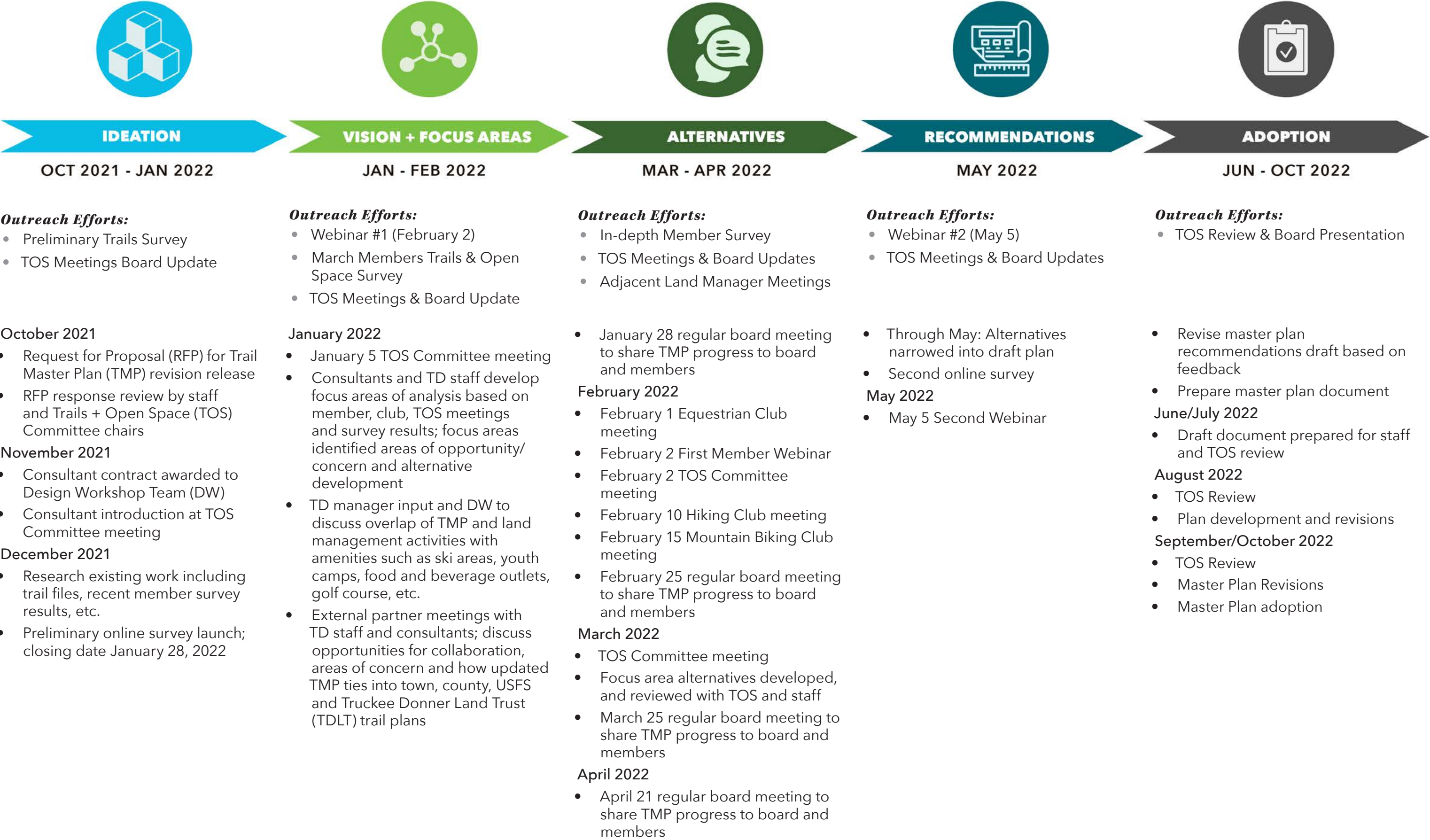


Figure 6: Project Timeline

Tahoe Donner Staff and Adjacent Land Manager Engagement

Staff Feedback

Tahoe Donner staff was integrally involved in every step of the creation of this document. Multiple meetings were held online and in person with key staff from each department at Tahoe Donner. In most cases, the views of staff aligned with those of the TOS, Clubs and members.

Key Points:

- Cross Country Center in the winter is the benchmark for successful programs at TD, could be a model for summer programs and use.
- ACAC could be reconfigured to better accommodate summer use.
- Corral at ACAC is not in an ideal location for operations.
- Parking at ACAC could be expanded and reconfigured without impacting sensitive natural resources.
- Outdoor spaces at ACAC should connect better to the summer trails.
- Opportunities for summer and winter use of Sunrise Bowl.
- Providing snowshoe trails in the winter is an easy win.
- Process should be created to permit events that provide a benefit to TD.
- Need to address non-sanctioned trails.
- Provide suggested loops for each user (equestrian, hike, mountain bike) on future public trail maps.
- Validate the value the trail system adds to the community/homes, additional value of health and wellness, not just home values.

- Connections to external lands needs to be mutually beneficial to the public and members.
- Concept of more trails, more trailheads, more connections, more options to accommodate for increased use.
- All user groups have a shared vision, need to work together.
- Trail network for all user types, that is easy to use, connects to housing and all sides of TD with expanded external connections.
- Places for therapeutic trail use, leverage Achieve Tahoe.
- Potential to tie Pines to Mines to Glacier Trailhead.
- Equestrian Trails should access water sources.
- Potential for equestrian, bike and hike ambassador programs.
- Signage needs to be adaptive for snow and winter time use, there should be consistency between winter trails and summer trails, signage can color code loops and directional trails.
- Perceptions of user conflicts driving concern.
- Greater usage and popularity.
- Utilize downhill ski area for summer trails.

Adjacent Land Manager Feedback

Meetings were held with staff from the Town of Truckee, USFS and Truckee Donner Land Trust after draft alternatives were developed. At these meetings, maps were shared that showed external connections to adjacent lands.

Town of Truckee Key Points:

The Town of Truckee is most interested in the Class I paved path connections through TD, these alignments are also shown in the 2015 Truckee Trails & Bikeways Master Plan. There is a need to further coordinate these projects with the Town of Truckee for funding and approval.

U.S. Forest Service Key Points:

The USFS has limited capacity to build and maintain new trails, but supports the external connections with potential partnerships and agreements.

- USFS has vegetation management plans in the area, there is no protection for non-system trails, however, there is the potential to replace them with new managed trails.
- Need to address non-system trail connections and TD trails that encroach onto USFS land with agreements or realignments.
- USFS priority is to fix non-system trails from Lions Leap to Carpenter Valley for water quality issues.

Truckee Donner Land Trust Key Points:

The TDLT has plans underway that will provide connections from TD to Frog Lake, Red Mountain, Carpenter Valley and Independence Lake.

- Resources in Carpenter Valley are too valuable and difficult to build new trails.
- There is mutual benefit to partner with TDLT and USFS.
- Connect Drifter to Summit Lake
- Improvements to Red Dot Trail are needed, it's a historic system trail.
- Connect TD to Carpenter Valley trailhead.

- Proposed improvements by TDLT at Johnson Canyon including a vault toilet and improved access.
- Trout Creek paved trails provides a popular connection to the Donner Lake Rim Trail, a safer connection across Northwoods is needed.





Culture & Values

Addresses

- Shared emotional connectedness
- Shared values and culture
- Multi-use network that will include user designated trails
- Trails oriented community
- Sustainable-design, build & use
- Inclusion of universal design trails



Safety & Civility

Addresses

- Tahoe Donner’s values as stated in the vision, sets the expectation and etiquette for the trail system
- Improved signage/wayfinding in key areas and all trailheads
- User separation in congested areas due to conflicts
- Multi-use trails persist
- Slow zones & some one way trails
- Education over enforcement



Popularity & Density

Addresses

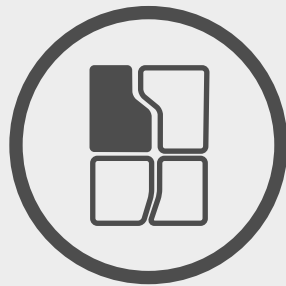
- Single user type trails in dense areas
- Monetization models for some use
- Sustainable design
- Increase maintenance and funding for the trail system
- Restrooms added in key locations (Euer Valley, select trailheads)
- Facilities close to density
- Ownership use trends
- Member & public, 501(c)(4)



Connected Network

Addresses

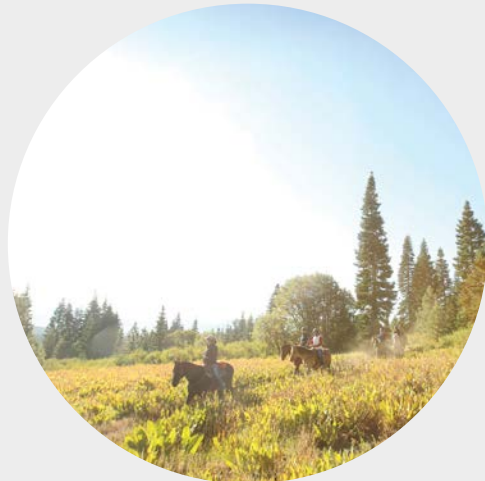
- Class I connection points
- Dirt trail connection points
- New and improved trailheads
- Connection to other land owner network-regional
- Connection to destinations
- Neighborhood connections



Zonal & Designated Use

Addresses

- Focused zones close to facilities
- Focus user types in zones where appropriate
- Separate new or distinct types of users into zones and/or designated use trails
- Use of downhill area for bike



Trails & Open Space (TOS), Clubs, and Member Engagement Process

Summary of TOS Engagement Efforts

The Trails and Open Space Committee (TOS) was engaged for feedback and input from the beginning to end of the trails master plan update. Starting in November 2021, the consultant team was introduced to the TOS members. Following that meeting individual interview questions were sent out to each TOS member in January to gain deeper insight into their thoughts on the current and future trail system. This input was consolidated and helped inform the Focus Areas in the TMP. Throughout the process TD staff would attend all TOS meetings including more frequently scheduled meetings, at key periods, the consultant team would attend and present at TOS meetings to gain feedback on focus areas and alternatives. In addition, the consultant team read through the TOS recommendations document compiled in large part by the TOS Chair and leveraged key points. The TOS Chair was also involved in many additional meetings with TD staff and the consultant team to keep the larger TOS informed of the process. The TOS has played an important role in guiding the direction of this document.

TOS Key Points

- Trail system should offer a wide variety of experiences for all users.
- Strong and cohesive stewardship.
- Strong and reliable financial support.
- Integrate with regional trail network.
- Trail system should enhance TD's reputation and a point of pride for members.
- Sustainable in every meaning.
- Continue to include the TOS in decisions as a voice for the larger membership.

Summary of Clubs Engagement Efforts

Tahoe Donner members have created several clubs catering to various interests. TD staff and the consultant team held virtual interviews with key clubs in February 2021. Findings from these interviews informed the development of the focus areas and TMP.

Hiking Club Key Points

- Expand trails into USFS and TDLT lands, specifically Frog Lake and Carpenter Valley.
- Provide hiker only trails or advisory days for hike only.
- Desire tranquility.
- Civility on the trails, enforcement and education needed.
- Curb illegal trails.
- Continue the ambassador program.
- Need for a restroom in Euer Valley.

Equestrian Club Key Points

- Need to hold on to the equestrian history at Tahoe Donner.
- Desire to expand non-wheeled trails.
- Expand the equestrian center while keeping it as a member amenity.

Mountain Bike Club Key Points

- Desire for more trails to accommodate increased use.
- Expand external connections to USFS and TDLT lands.
- Link singletrack to singletrack.
- Family friendly trails, encourage more kids to use the trails.
- Use the ski area for summer trails.
- Process for new trails to be proposed by members.
- More trailheads, utilize existing parking areas.
- Host volunteer trail maintenance days for buy-in and stewardship.
- Provide inclusive trails for people with disabilities.

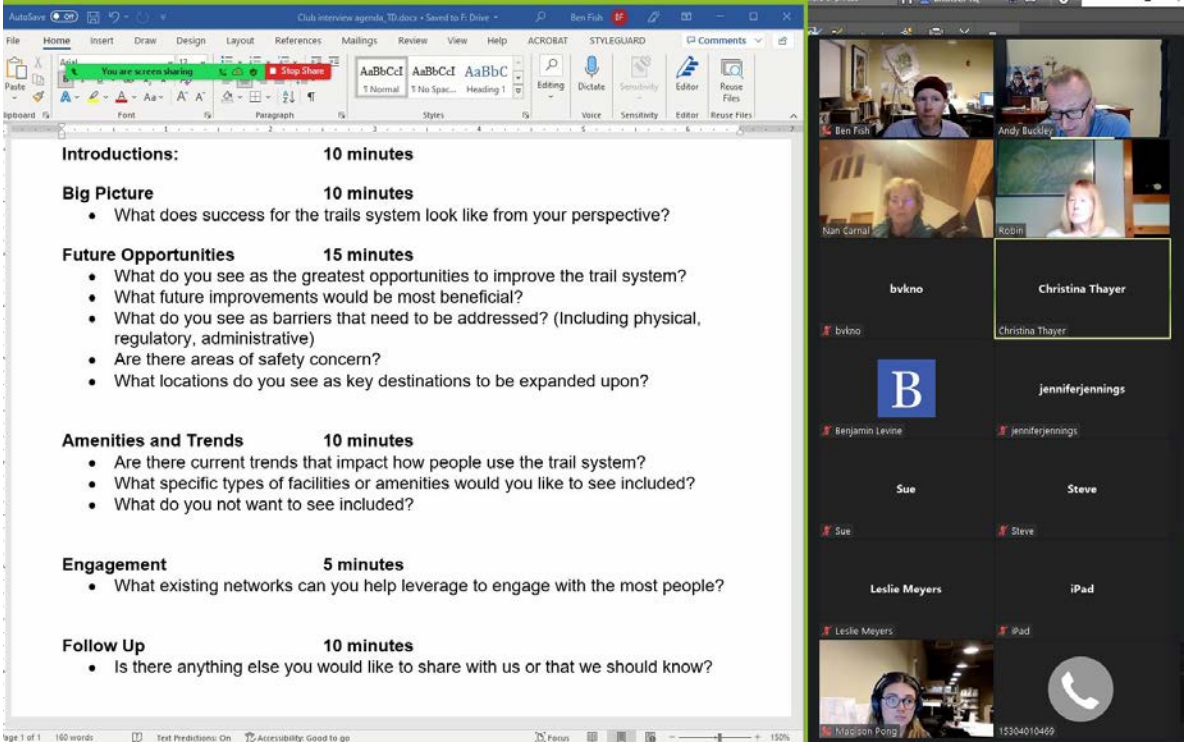
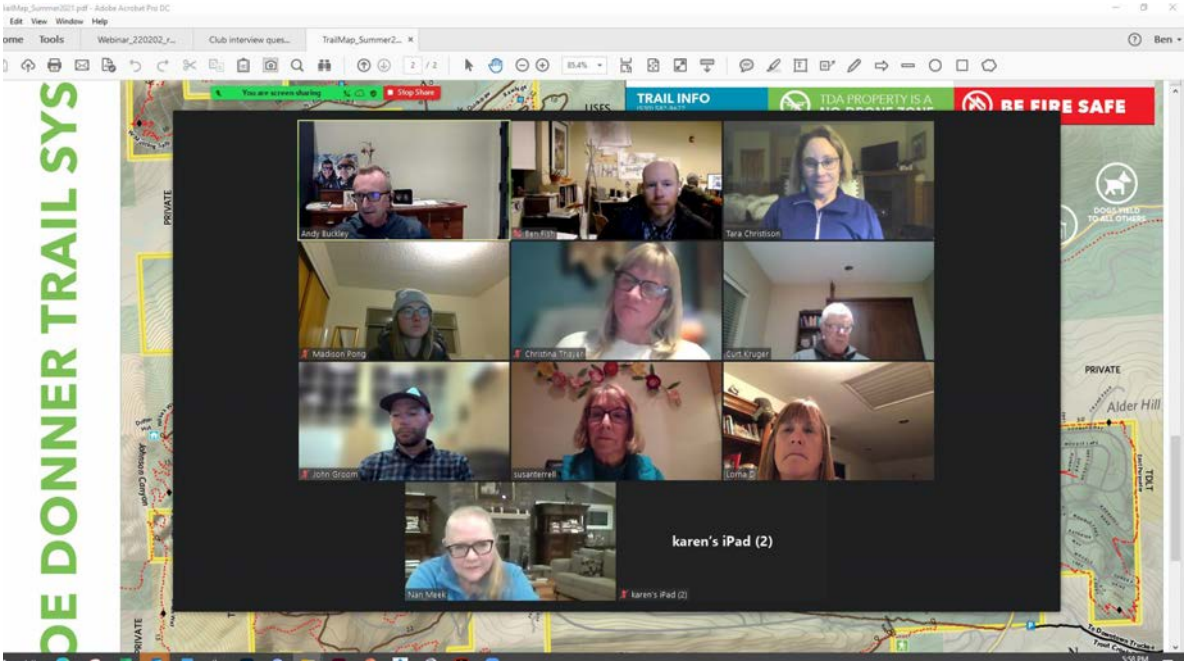
Summary of Member Engagement Efforts

Member Engagement #1

In January 2022, an online survey was conducted to test ideas for the focus areas of the TMP. The content of the survey was based on what was heard from the TOS and TD staff. Following the survey was an online webinar where ideas were shared and interactive polling questions were asked. Many of the interactive questions were ranking of objective statements and helped inform the direction of the TMP and the development of the focus areas.

Member Engagement #2

In late April through early May 2022, a comprehensive online survey was conducted to dig deeper into the membership for their input on the direction of the TMP. The content of the survey was created to test the draft alternatives within their respective focus areas and other key points that were created during this time. Following the survey was an online webinar where the findings were shared and the draft plan and maps were shown with the opportunity for interactive feedback from the attendees.



January 2022 Trails and Open Space Survey Highlights

Confirmation
of support for multiple
trail types for various
users

544 responses
47 general public,
497 Tahoe Donner members

**Glacier Way,
Mother Lode,
& Euer Valley**
are a few of the
favorite trails that
respondents value

58%
respondents believe
better trail connections
to external lands would
improve the trail system

87%
of respondents chose
“Connection to Nature”
as their most favored
experience

49%
respondents believe
improved maps and
signage would improve the
trail system

March 2022 Trails and Open Space Survey Highlights

3,100 responses
742 full-time members,
2,237 part-time members

80%
respondents used Tahoe
Donner trails and open
spaces to go hiking in the
last 12 months

**Diverse trails
and trail uses**
are desired in Tahoe
Donner Trails, as well
as connections to
other regional open
space

83%
of respondents use
Tahoe Donner trails very
often or often during the
summer

74%
of respondents feel that
connections to neighboring
trail networks would be
desirable for them and
their families

**Exercise and
connection to
nature**
are the top two
reasons respondents
seek in natural
landscapes

Member Engagement Summary



From bikers to horseback riders and residents to visitors, the majority of survey respondents say that a connection with nature and exercise and well-being are the experiences they’re seeking in the outdoors.

Culture & Values

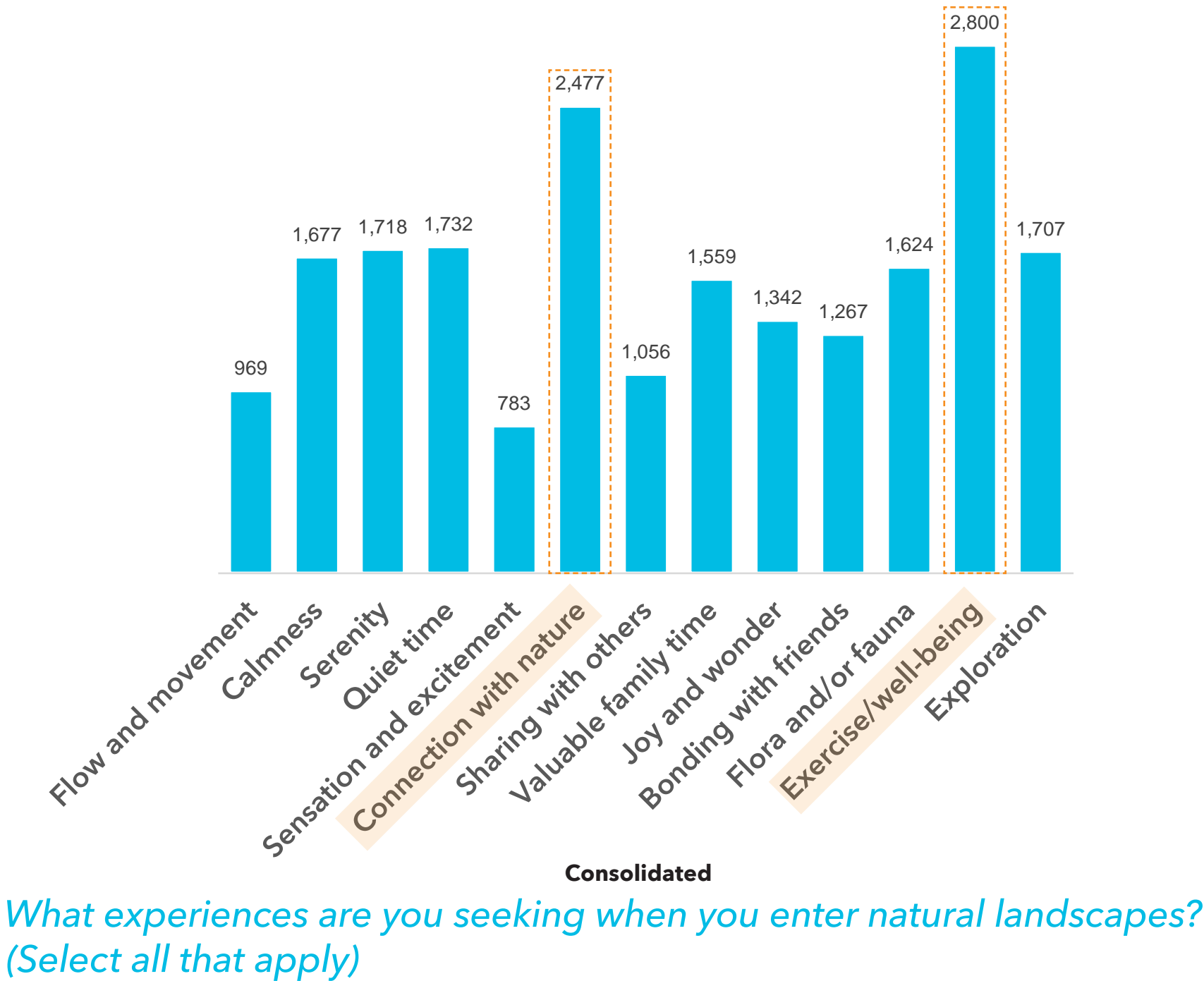
Hypothesized trail use “experiences” were offered for community resonance utilizing the March 2022 Trails and Open Space Survey, with a sample size of 3,100.

The survey revealed that user groups share common desired experiences. It is in fact striking how similar those desires are for each group and how they mimic trend lines of interest. This showcases common values within the community and a culture that is very focused on ‘exercise and wellness’ as primary interest and ‘connection with nature’ a close second. It is also noted that while there may be user groups of separate interest, it is also true that many hikers and runners are also bikers, and many bikers are also hikers and equestrians.

To have this shared alignment in a community is a cornerstone foundation that allows for clarity of vision, and to make infrastructure or program recommendations that support such a vision.

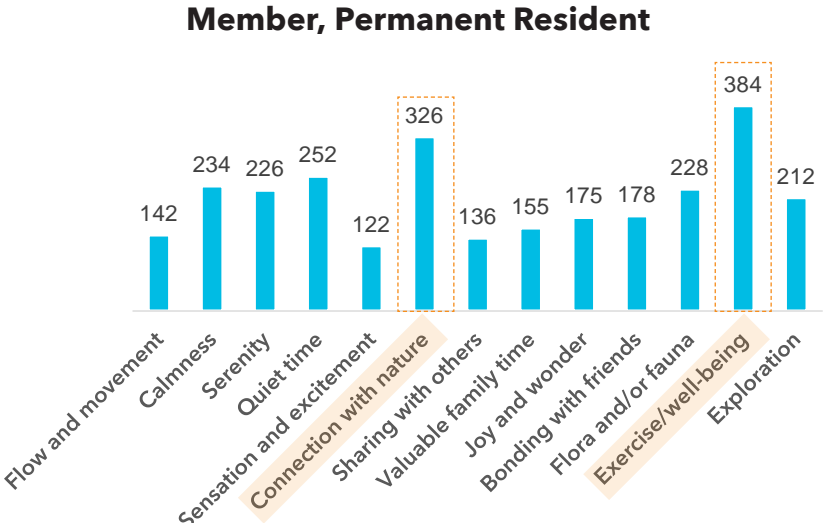
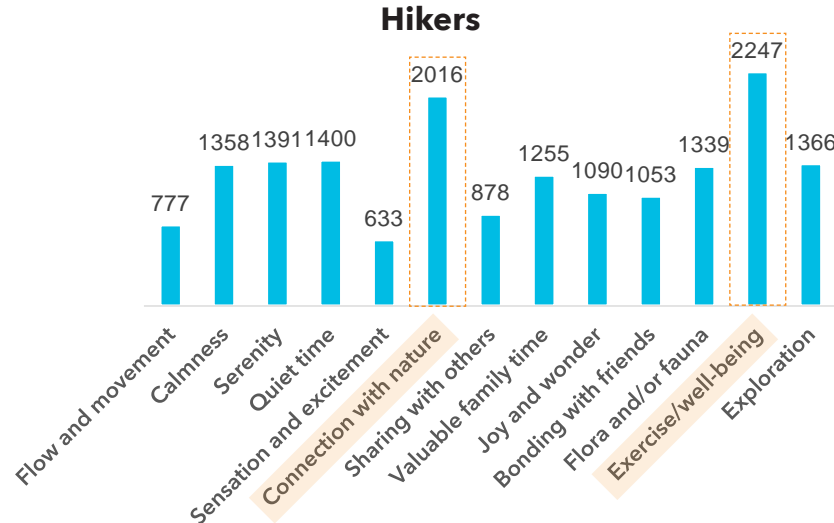
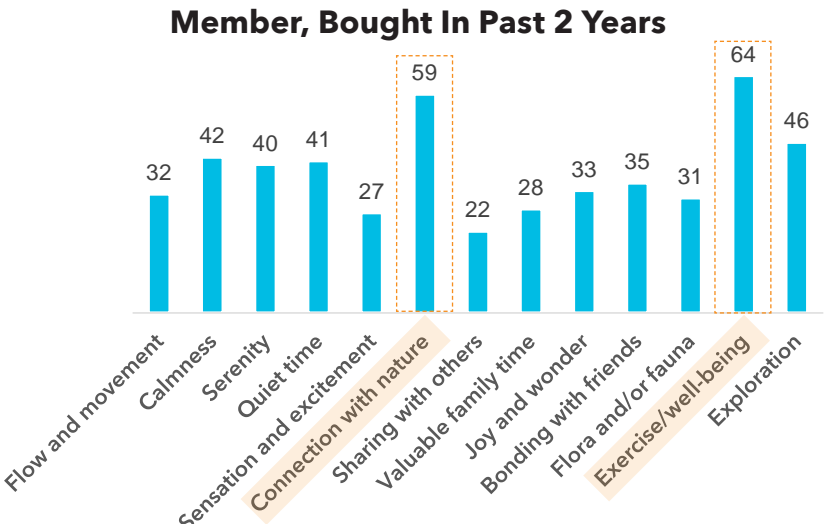
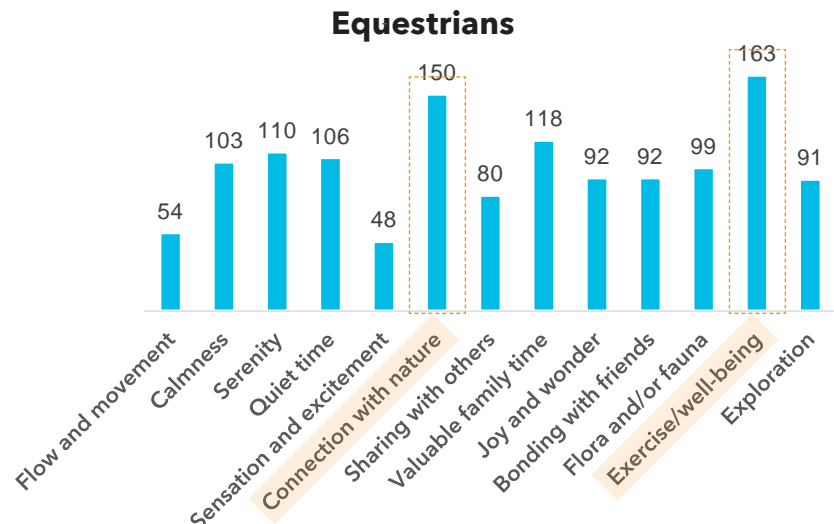
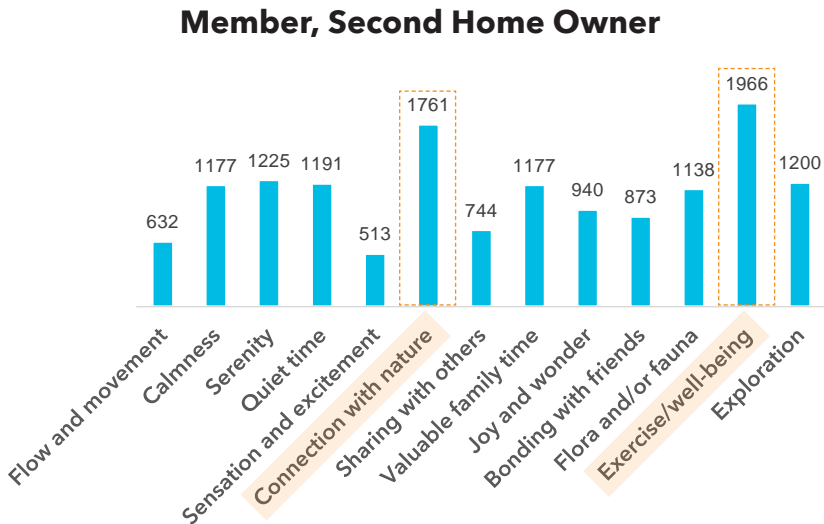
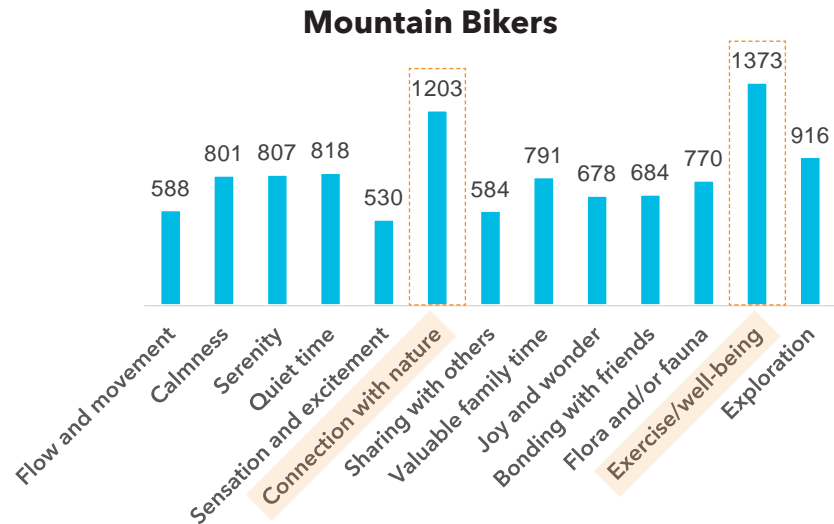
There is also clear and strong support for three values questions.: 1. trail maintenance to maintain high standards of sustainability; 2. for tangible value increase in home value provided by trails; and 3. for non tangible value created by how the trails network improves time spent on property. All three of these questions support the general member survey which anchors trails as the most appreciated amenity.

Recommendation: Areas further out in the landscape offer a strong connection to nature. Signage and improvements should allow for a sense of moving through the natural environment.



Member Engagement Summary

What experiences are you seeking when you enter natural landscapes?
(Select all that apply)



Member Engagement Summary

Safety and civility on trails is a concern for many user groups. Respondents agreed overall that improved trail etiquette signage would be a key improvement to keep trails safe and civil.

Safety & Civility

Hypothesized trail solutions to improve “safety and civility” were offered for community resonance utilizing the March 2022 Trails and Open Space Survey, with a sample size of 3,100.

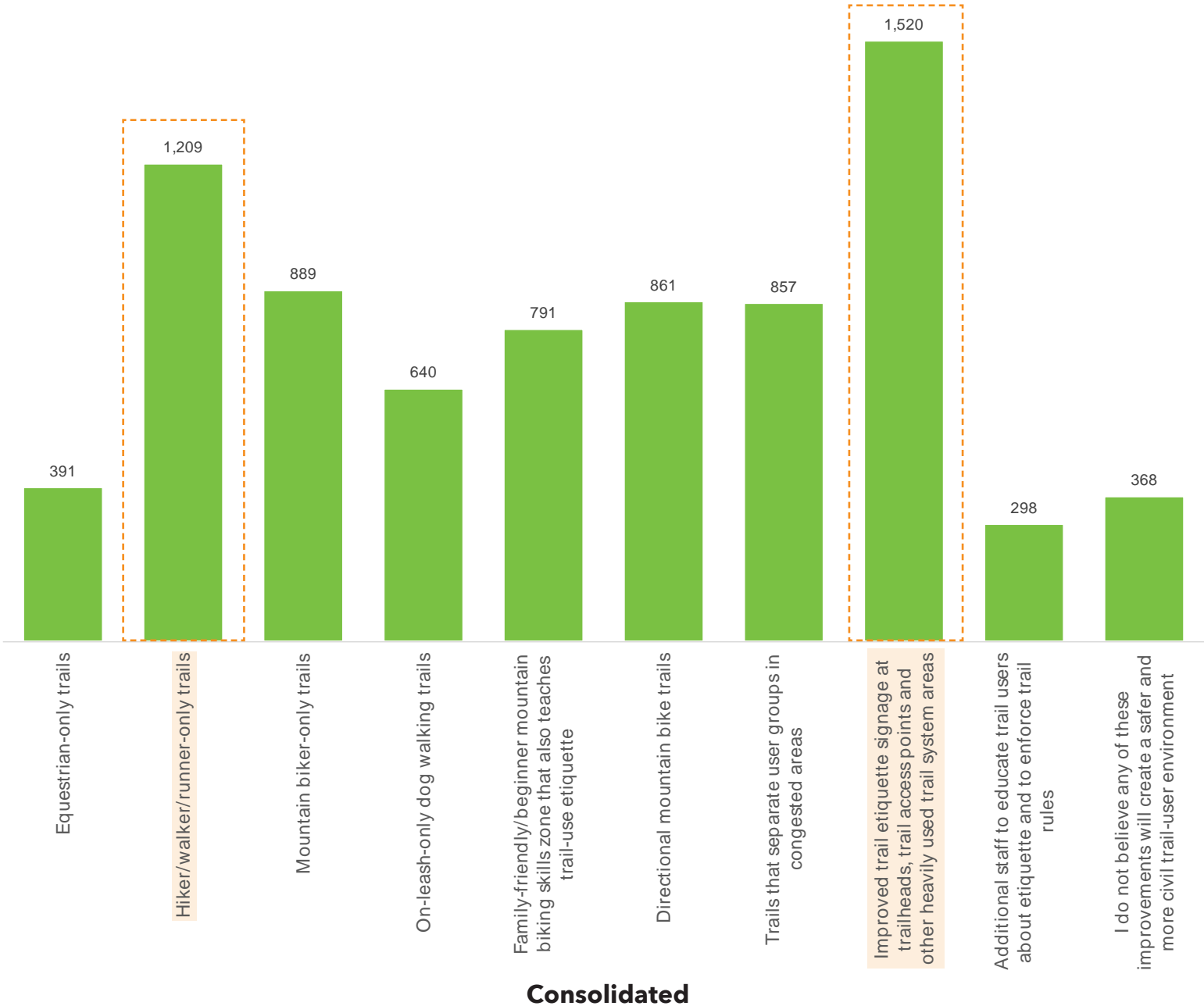
There was strong affirmation for the solutions suggested to help improve trail use “safety and civility”. Of greatest interest to respondents was “improved trail etiquette signage” to communicate expectations for users.

This also ties directly to an opportunity to brand the expectations of behavior and etiquette, to the extent that a campaign including web, social, and trailhead signs would reinforce a way of doing and being that would set Tahoe Donner apart.

Other suggested solutions such as single user trails, or skills zones for user groups have good segmented interest indicating that they are viable for consideration as recommendations for implementation in the 2022 plan.

There is no threshold percentage of popularity of solution that determines which or how many are to be recommended for implementation, simply that they resonate with segments of user groups.

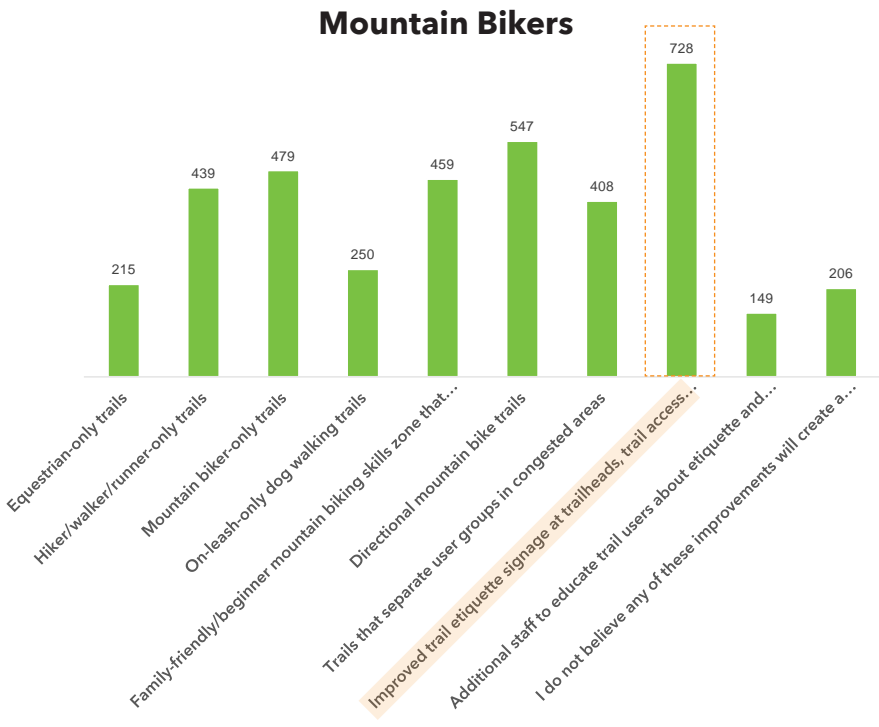
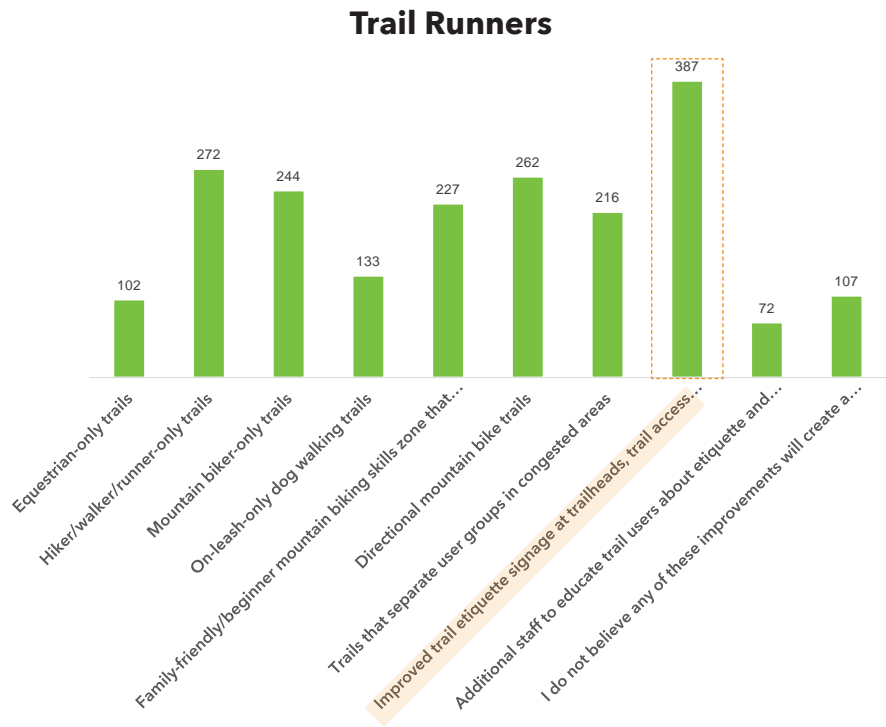
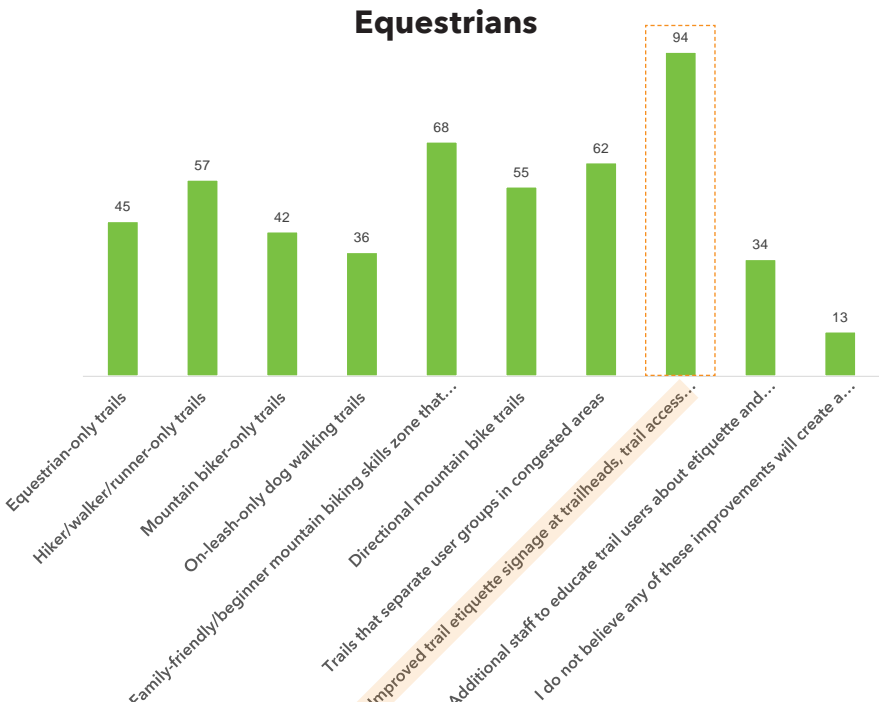
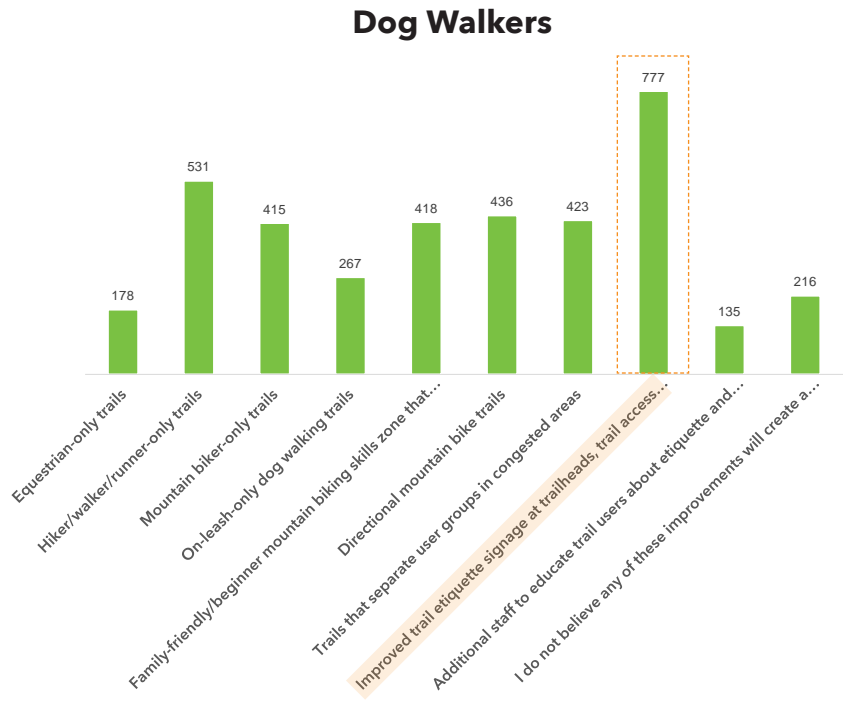
Recommendation: Education to all trail users should be the primary focus for safety and civility. Limited user designated trails will improve safety and civility.



Please select the trail system improvements that you believe will create a safe and more civil trail user environment (Select all that apply).

Member Engagement Summary

Please select the trail system improvements that you believe will create a safe and more civil trail user environment (Select all that apply).



Member Engagement Summary

Trail systems across the region are experiencing increased use. Survey responders indicated that **the same tools for improving safety and civility could help mitigate trail popularity at Tahoe Donner.**

Popularity & Density

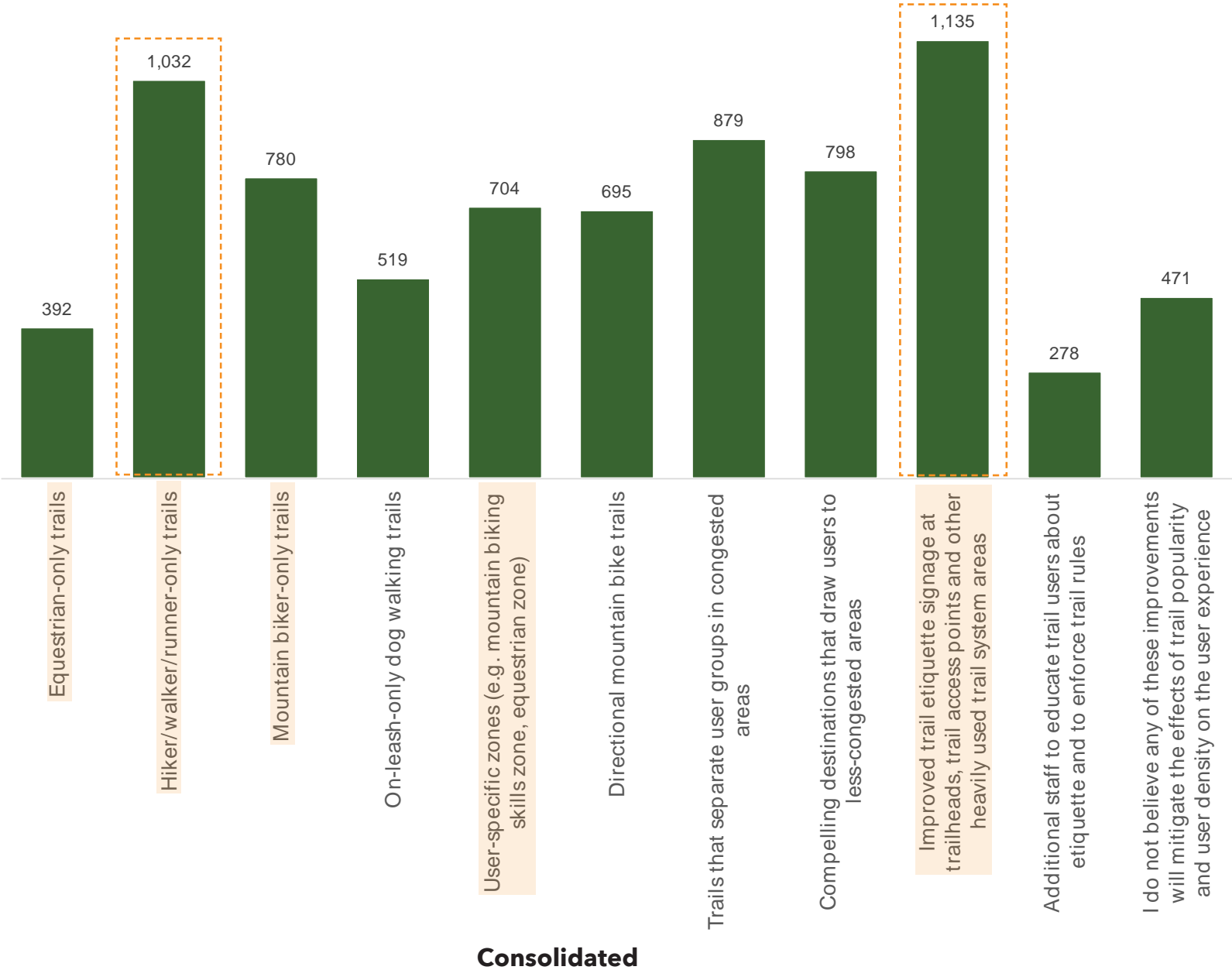
Hypothesized trail solutions to mitigate “popularity and density” were offered for community resonance utilizing the March 2022 Trails and Open Space Survey, with a sample size of 3,100.

The most popular solution is noted as “improved trail etiquette signage”, which supports a culture/values message of expectation setting promoting “safety and civility” on the trail network.

When the results are combined, all solutions suggested in the survey resonated with the participants, and would suggest the need to separate users in key focus areas, (e.g. bike skills zones, hike or equestrian only trails), to aid with density in addition to etiquette education for all trail users.

There is no threshold percentage of popularity of solution that determines which or how many are to be recommended for implementation, just that they resonate with segments of users.

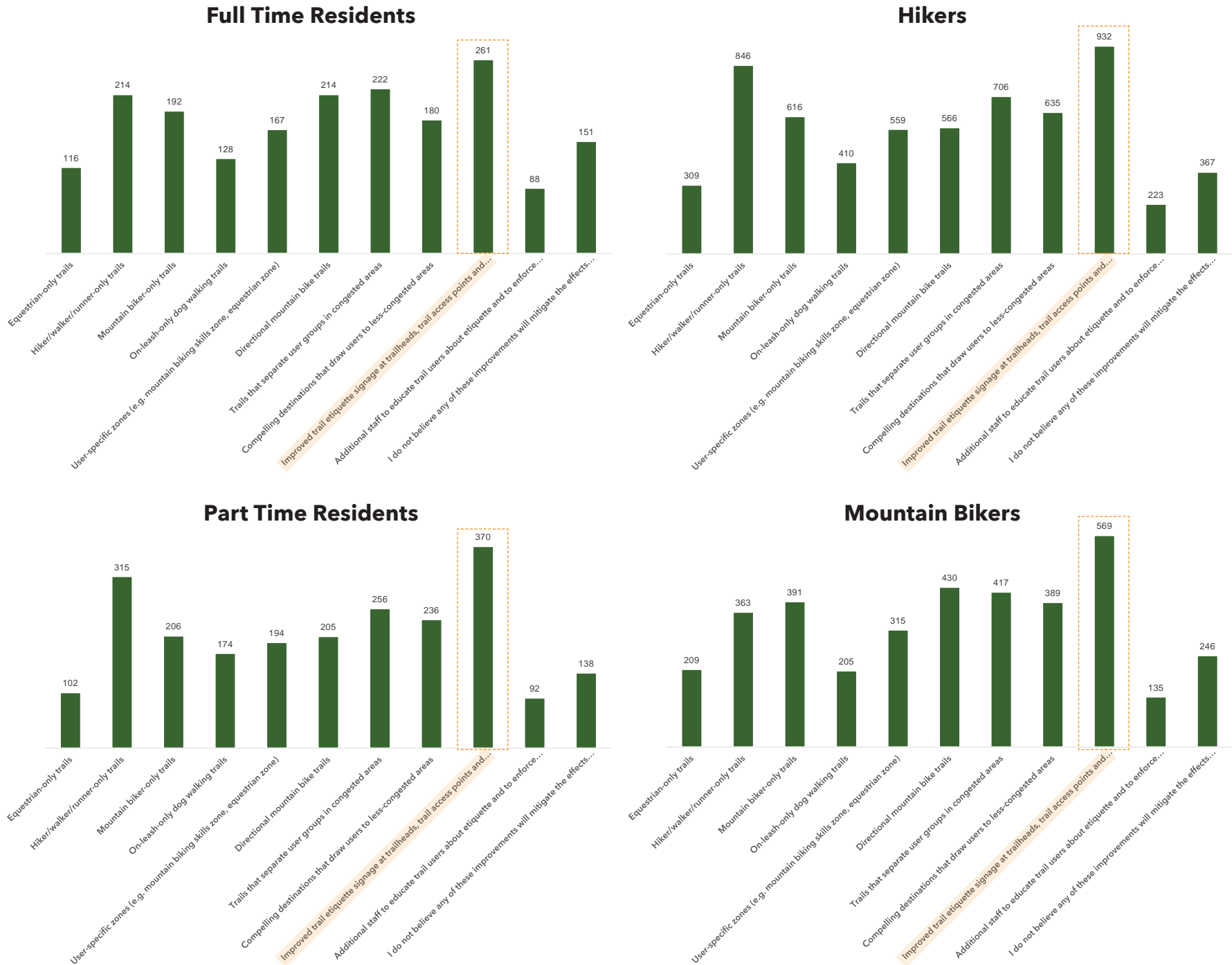
Recommendation: There is a need for increased staffing and resources (including etiquette education) to sustain the trail system in the future.



Please select the trail system improvements that you believe will mitigate the effects of trail popularity and user density on the user experience. (Select all that apply)

Member Engagement Summary

Please select the trail system improvements that you believe will mitigate the effects of trail popularity and user density on the user experience.
(Select all that apply)



Member Engagement Summary

Connecting the Tahoe Donner trail system to regional trails and external public lands has strong support from survey respondents. Access to trails by foot from members’ homes is also highly desirable.

Connected Network

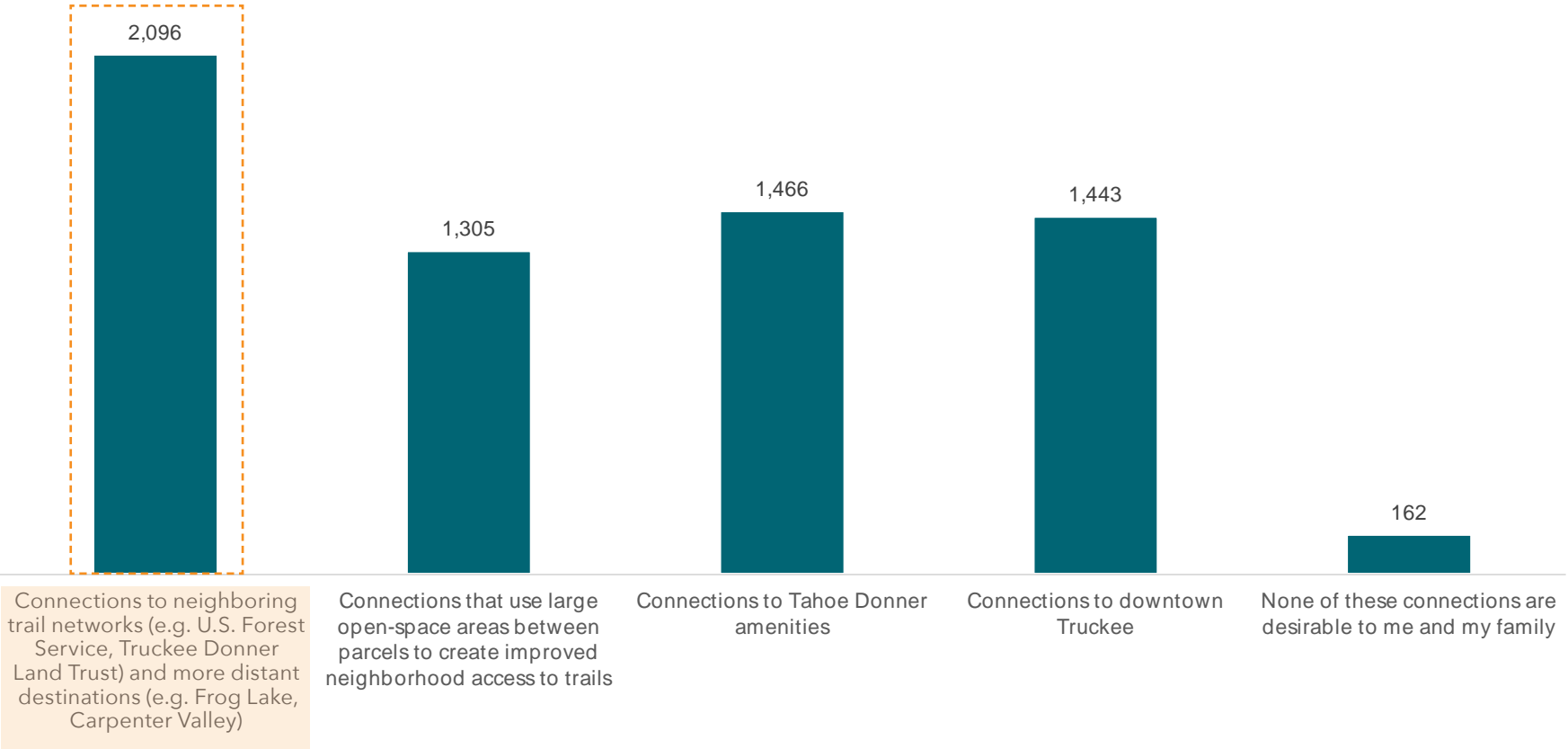
Hypothesized options around a “connected network” were offered for community resonance utilizing the March 2022 Trails and Open Space Survey, with a sample size of 3,100.

The survey data showed strong support for all kinds of trail connections that create a network. The most resonant interest pointed to connections to neighboring trail networks, e.g. USFS or Truckee Donner Land Trust. Connections to Tahoe Donner amenities, Truckee and neighborhoods to trail had strong support.

There was also considerable desirability for connections to trails near home to avoid using vehicular transport to drive to a trailhead.

There was an interest spread from extremely interested to not at all interested in winter use of plowed trails. There is relatively more interest in this type of winter access option in the full time resident pool versus the part time resident pool.

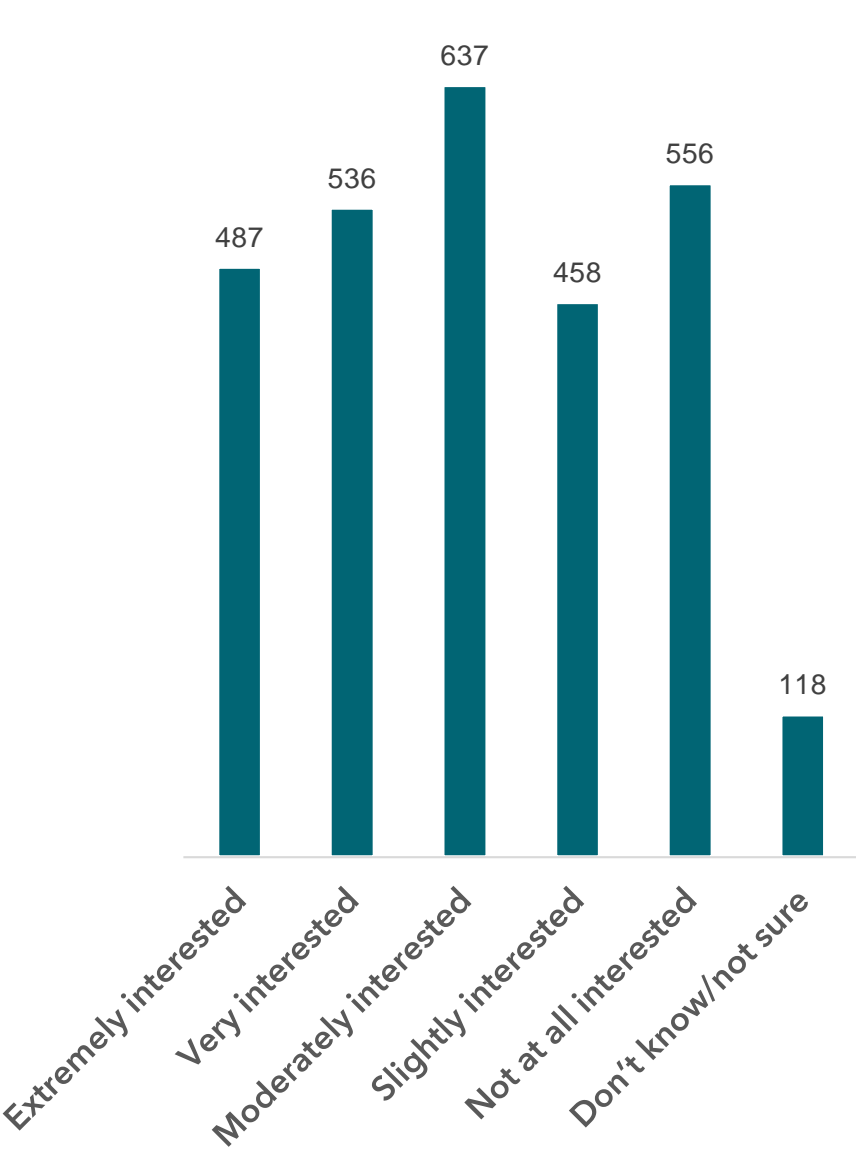
Recommendation: Seek opportunities to better connect the neighborhood trail system and work with regional land managers to achieve external connections.



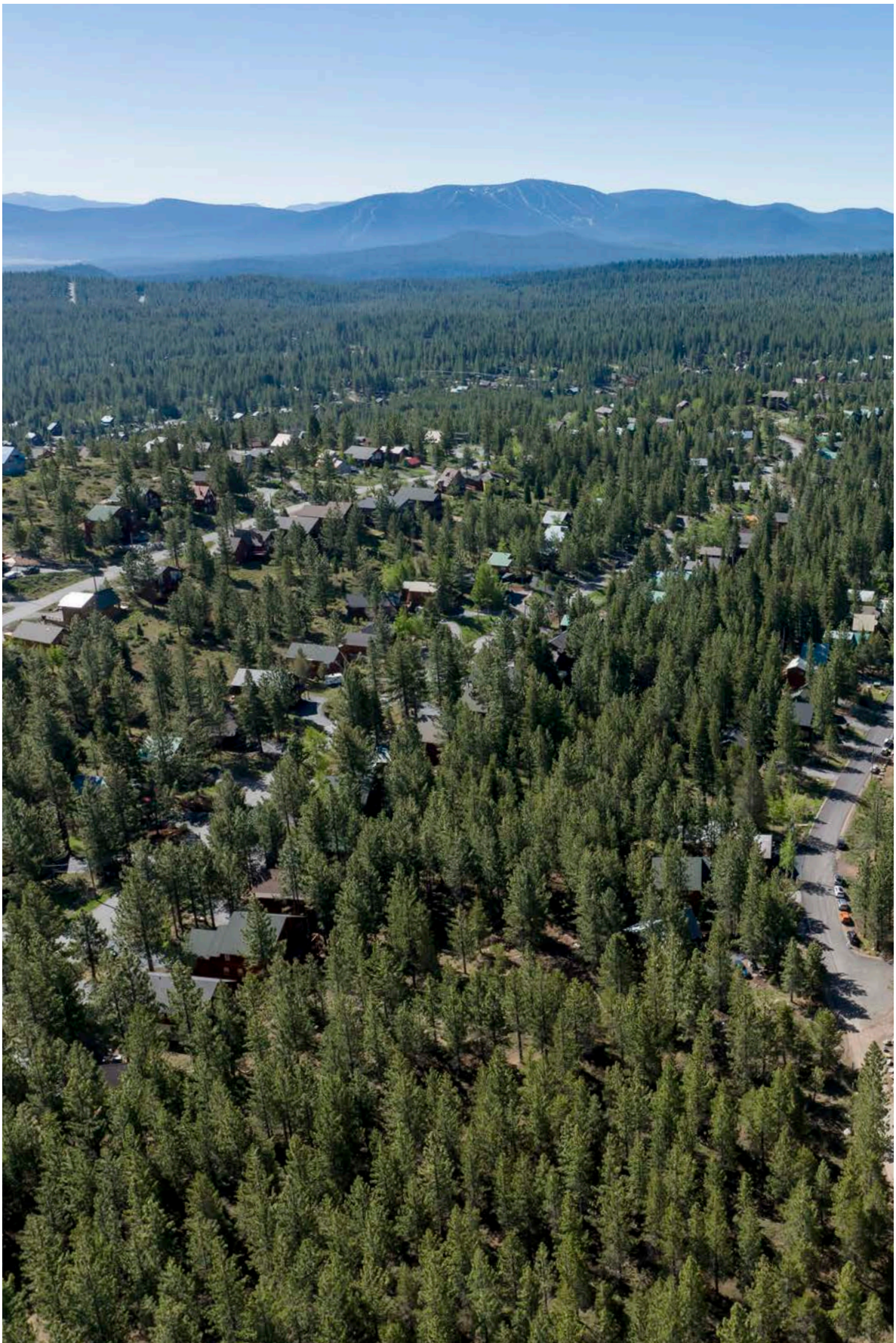
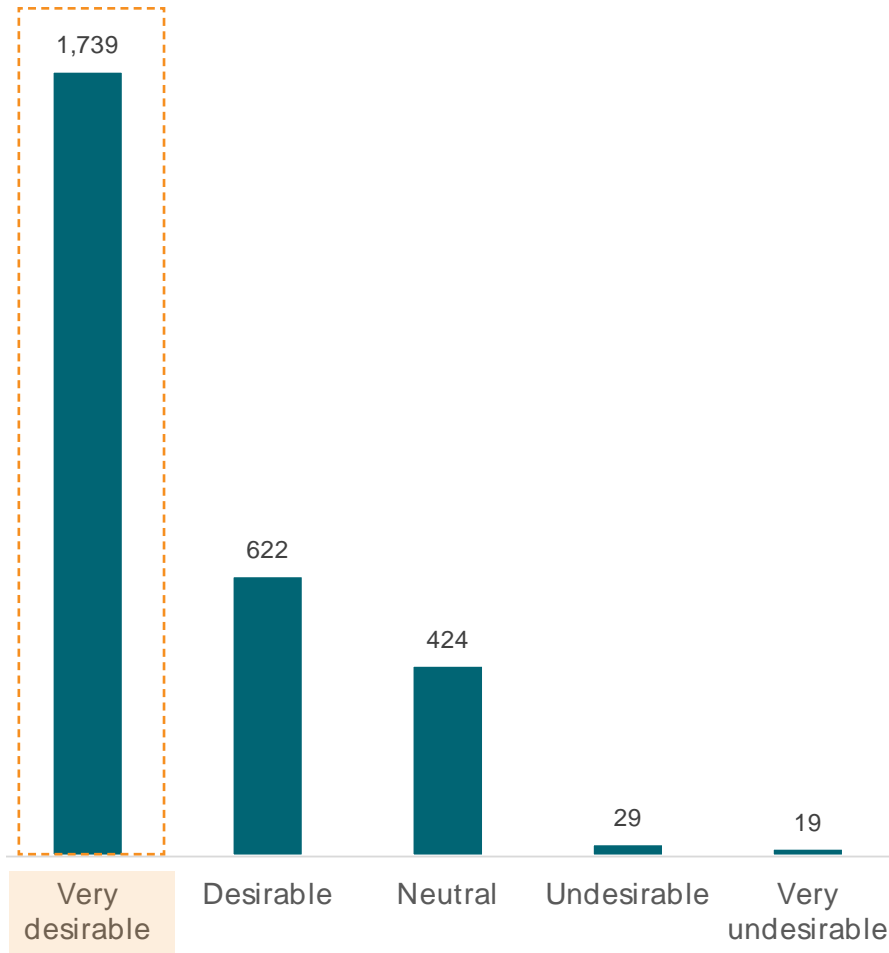
Please select the trail system connections that are MOST desirable for you and your family. (Select all that apply)

Member Engagement Summary

If new non-motorized transportation opportunities like paved trails were available in Tahoe Donner, how interested would you be in keeping them plowed and open for use during the winter?



How desirable is having trail access near your home so you don't need to travel in a car to get on trail?



Member Engagement Summary



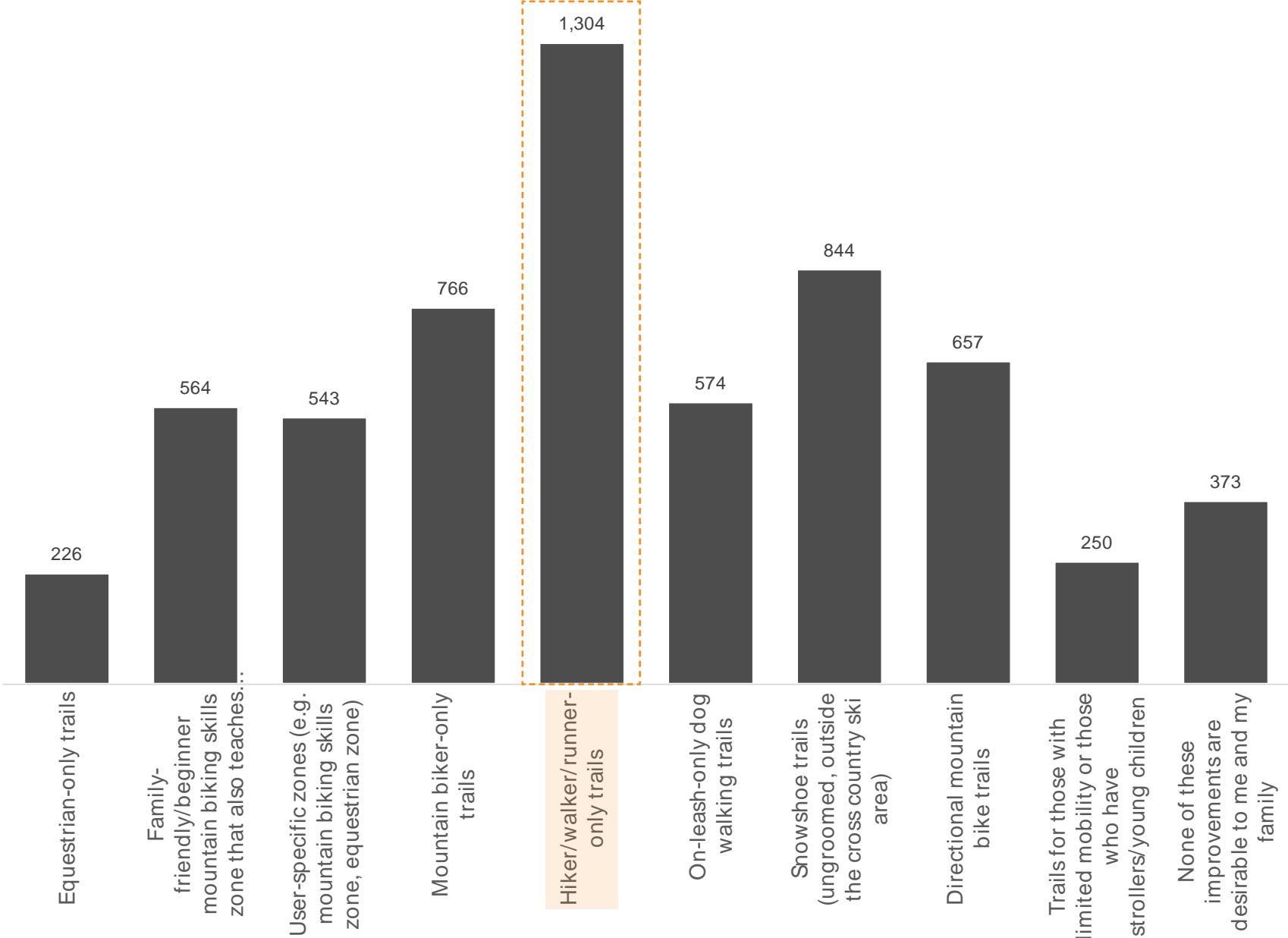
Concentrating trail uses, especially **beginner or skills-learning areas**, had strong support in webinar meetings and surveys. Respondents indicated that **use-specific zones** is an important trail system **improvement**.

Zonal Land Use

Hypothesized use of lands for specific “zonal and designated land use” were offered for community resonance utilizing the March 2022 Trails and Open Space Survey, with a sample size of 3,100.

The concept of using specific zones of land or designated trails to focus use was tested and received reasonable resonance as a partial solution to density, and also in relation to desired additions to the network portfolio. Support was strongest with bikers and equestrians, who possibly benefit most from skills or learning zones, and designated trails, though there was still resonant interest from hikers and runners. Preparing zones for growth trends in the future is considered a good way to separate user groups. (zones can include single user designated trails concentrated into a defined area).

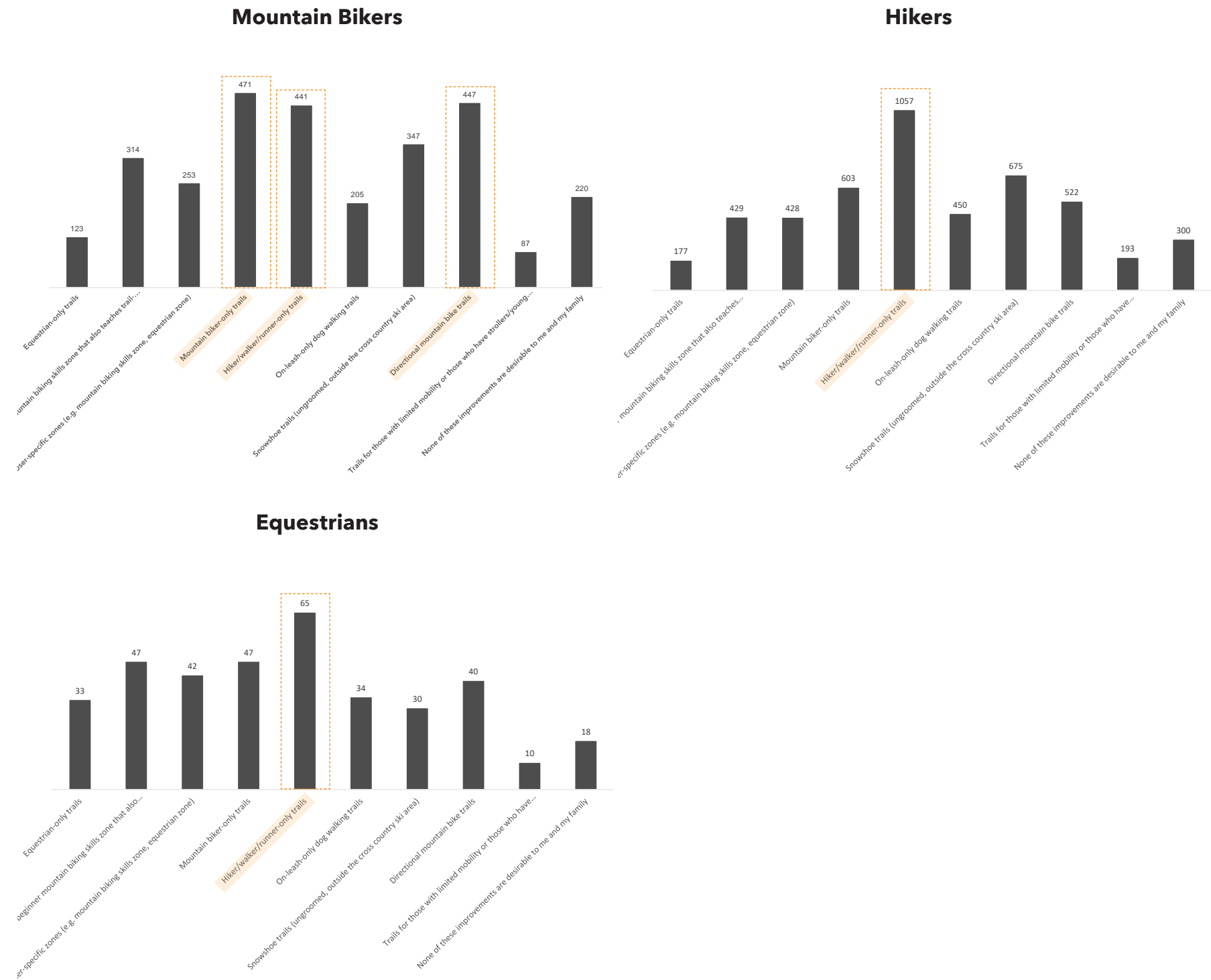
Recommendation: Creating user-specific zones and designated use trails will improve the experience for everyone by generating new opportunities beyond the multi-use trail system.



Please select the trail system improvements that are *MOST* desirable for you and your family. (Select up to 5 improvements)

Member Engagement Summary

Please select the trail system improvements that are MOST desirable for you and your family. (Select up to 5 improvements)



Element Matrix, Possibilities

Based on what was heard from TOS, Clubs, Members, Staff, and Adjacent Land Managers, the Element Matrix was developed to suggest many possibilities to improve access to new trail concepts, programmatic activations, and general improvements.

Not all elements listed here evolved to become recommendations.

Consultants and staff recommend strengthening and further developing programmatic offerings through Bikeworks and the Equestrian Center to activate the summer season of the Alder Creek Adventure Center facility (ACAC). The fiscal engine of ancillary program offerings would support Food & Beverage services, increase employee opportunities, and support maintenance and development of the summer trail system. Tahoe Donner may consider developing small geographical/operational areas that are in alignment with this plan including items outlined in the Elements Matrix.

Element Matrix

ITEM	DESCRIPTION
EQUESTRIAN	
New Signage	Behavioral, etiquette, wayfinding
Overnight Camping	Equestrian adventures combined with a catered overnight
Skills and Etiquette Camps	How to ride and how to ride around others
Stabling	Expand stabling options to grow participation and offerings- need in-depth study to review fiscal viability
Equestrian Only Network	Small equine trail network for those wanting to avoid all other users
Fenced Equestrian Zones	Consolidate stables, training, teaching areas into a fenced zone
Equestrian Events	Invite greater use patterns and possible revenue streams with equestrian events,. https://www.tahoedonner.com/events/wild-west-fest/
Trail Maintenance	Equestrian community trail days to maintain hoofed trails
HIKING	
New Signage	Behavioral, etiquette, wayfinding
Hike to Camping	Hike adventures combined with a catered overnight stay
Hike Camps	Gear, technique, mapping and basic survival program, and hiking with other users
Guided Hikes	Weekend guided hikes to destinations
Hike Only Trails	Small selection of hike only trails for those wanting to avoid all other users
Hike/Run Events	Dirt trail hike or running events to invite greater use patterns with revenue streams. https://olympicvalleyhalf.com/
Trail Maintenance	Hike community trail days to maintain hiked trails
Interpretive Hikes & Signs	Learn about the natural environment or local history on an interpretive hike with explanatory signage

Element Matrix

ITEM	DESCRIPTION
BIKING	
New Signage	Behavioral, etiquette, wayfinding
Skills and Etiquette Camps	How to ride and how to ride around others
Bike Only Trails	Small number of one-directional bike trails, climb and downhill for those wanting to avoid other users
Bike Packing to Camping	Bike adventures combined with a catered overnight stay
Interpretive Signs	How to master a skill and/or master etiquette
Skills Zones	A zone to build skills in a progression, mitigating risk and focusing beginner users to a specific zone
Progression Park	The next step in learning more complex skills like cornering, flow, pump, balance and air
Pump Track	Small to medium size to attract a kid/family audience, teaching the basics of balance, stance and pump
Bike Park	Build a progression bike park and own the family segment of the market
Bike Events	Dirt trail bike events to invite greater use patterns with revenue streams. https://adventuresportsweektahoe.com/compete/lake-tahoe-mountain-bike-race/
Trail Maintenance	Bike community trail days to maintain worn bike trails
XC-TOURING	
Touring 101	The basic skills of ski touring, with basic snow safety
Backcountry Guiding	Guided touring experiences, include equipment, training on snow safety etc.
Backcountry to Camping	Guided experience into overnight catered camping experience
Snow safety Courses	Sanctioned AIRE courses on site.
Touring Events	Touring and Skimo race events to invite greater use patterns with revenue streams. https://www.usaskimo.org/guide-to-ski-mountaineering/
SNOWSHOEING	
Trail Signage	Designate routes with permanent (non snowpack affected) signs, easy to difficult routes
Guided Shoe Tours	Guided touring experiences, include equipment, training on snow safety etc.
Snowshoe to Camping	Guided experience into overnight catered camping experience
Snowshoe Events	Snowshoe race events to invite greater use patterns with revenue streams. https://donnerpartymountainrunners.com/snowshoe-races/

Element Matrix



Equestrian Use



Mountain Biking



Regional Connections



Tranquility



Social Use



Hiking Destinations



Family Friendly



Neighborhood Connectivity



Winter Trail Use



D Trails Plan

Trails Plan Summary

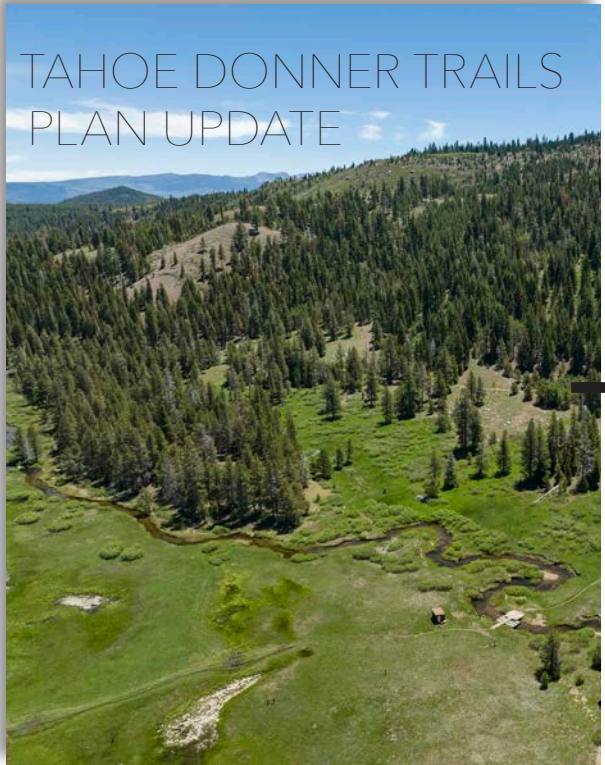
Trails Plan Summary

The following series of maps show preliminary assumptions for new improvements to the Tahoe Donner trail system. These recommendations are to be used as a resource for future development and redevelopment of the trails, trailheads, access points, and associated facilities of the trail system.

Throughout the trail planning process several methods were utilized to craft the plan and the preliminary alignments shown. Methods included:

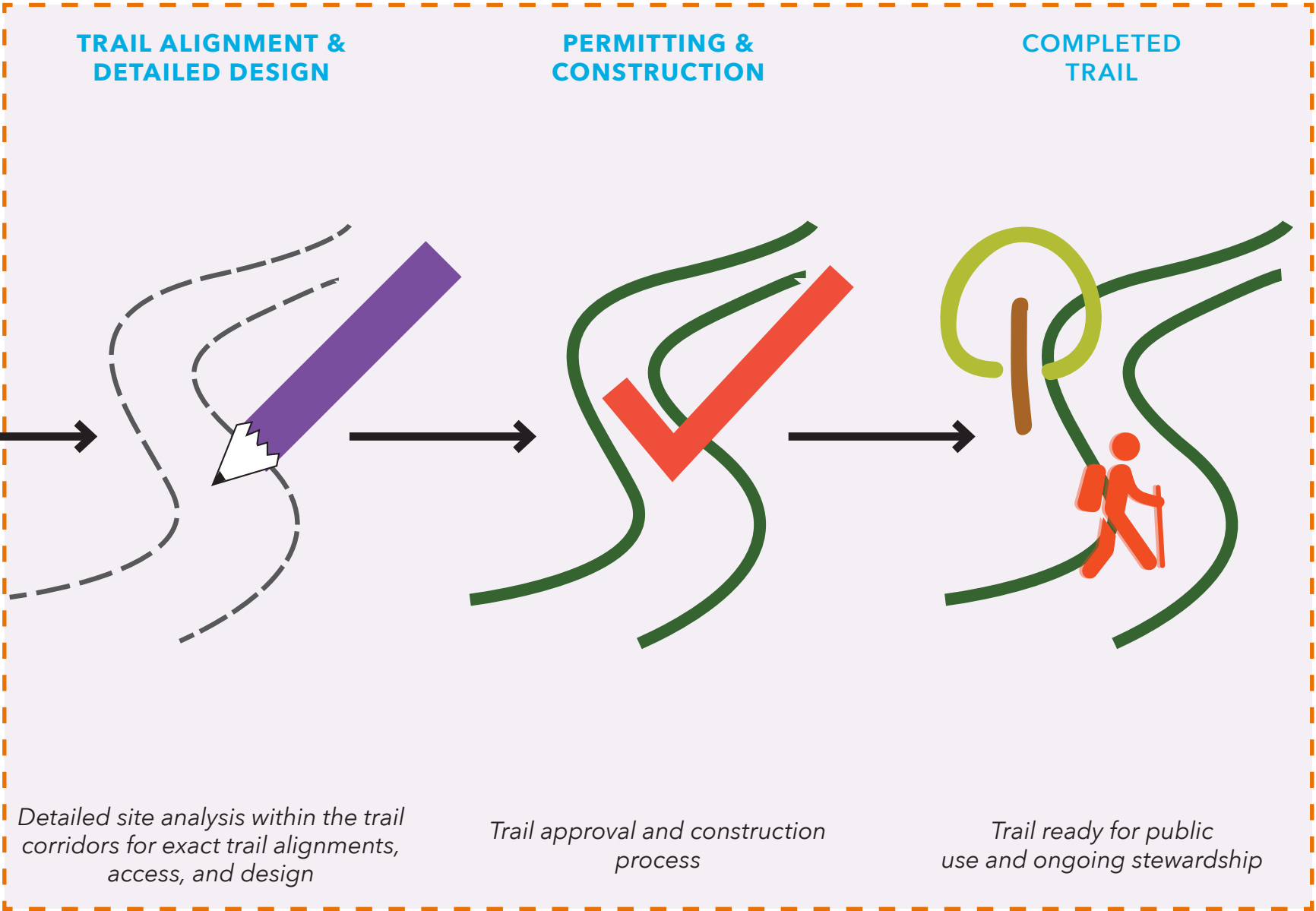
- On site reconnaissance of the existing trail system, trailheads, access points, gaps, and potential connections.
- Drone photography
- Online mapping, including ArcGIS and mobile apps such as Caltopo
- Review of existing heatmaps from user aggregated data from Stava and Trailforks.
- Site analysis mapping, including natural and cultural resources.
- Future trends.
- Historic uses.
- Member survey results.
- Input from the TOS.
- Input from the Clubs.
- Input from Tahoe Donner staff.
- Alignment with Focus Areas and goals.

THIS PLAN



Big-picture vision for a connected, high-quality, trail network

NEXT STEPS



Proposed Improvements Standards and Descriptions



Trail Standards

Tahoe Donner utilizes the USFS Trail Class Matrix in the construction of new and existing trails. This is intended to provide consistency with adjacent land managers, while providing best management practices consistent with national standards.

In the implementation of the TMP, Tahoe Donner staff may identify the appropriate USFS Trail Class for each trail or trail segment based on the intended use. Please note these trail classifications differ from those defined by Caltrans for paved paths and roadway bike lanes.

In addition, Tahoe Donner staff may use the USFS Trail Design Parameters as a technical guideline for the survey, design, construction, maintenance, and assessment of trails based on their designated use (hike/pedestrian, bike, equestrian).

The following Trail Classes are represented at Tahoe Donner, refer to USFS Trail Class Matrix (FSH 2353, Section 14.2, Exhibit 01¹) for full descriptions:

Trail Class 1	Minimally Developed
Trail Class 2	Moderately Developed
Trail Class 3	Developed
Trail Class 4	Highly Developed
Trail Class 5	Fully Developed

Proposed Improvements Descriptions

Below defines the proposed improvements shown on the following maps.

ITEM	DESCRIPTION
External Trail Connections	Potential trails leaving Tahoe Donner property providing larger regional connections on adjacent public lands. Destinations, design elements, and allowable uses will be determined through collaborative planning with adjoining land owners and land mangers.
Class I Paved Path	Off-street paved shared use paths, minimum of 8’ wide with gradual slopes, consistent with Town of Truckee standards. Users may include but are not limited to, bicyclists, wheelchair users, pedestrians, including walkers, runners, people with baby strollers, and people walking dogs,
Multi-use Trail	Native surface “single track” trails, designed to accommodate a variety of users on the same trail. May follow the USFS Trail Class Matrix and USFS Trail Design Parameters.
Equestrian Trail	Native surface “single track” trails, designed for equestrian use. May follow the USFS Trail Class Matrix and USFS Trail Design Parameters for Pack and Saddle.
Bike Optimized Trail & Flow Trails	Trails built from native or imported dirt trails, designed for mountain bike use and may include features like banked turns, rolling terrain, jumps, and other skill building features. May follow the USFS Trail Class Matrix and USFS Trail Design Parameters for Bicycles.
Inclusive Trail	Smooth surface trails, typically made of native or imported material (such as decomposed granite) that generally conforms ADA standards, designed for people of all ages and abilities. Typically 4-6 feet wide with grades not to exceed 5%.
Boardwalk	Elevated wooden walkway that sensitively crosses over a wetland or meadow.
New Trailhead	Formalized access point to the trail network that may include parking, maps, and signs to improve user navigation and etiquette.
Zonal Land Use	Areas that are designated for the optimized use of certain user groups (equestrians, mountain bikers, hikers).

¹ <https://www.fs.usda.gov/managing-land/trails/trail-management-tools/trail-fundamentals>

Trail Recommendations Summary

EXTERNAL CONNECTIONS

Project E1: Carpenter Valley Connection

Description: Provide a multi-use trail connection to Carpenter Valley connecting to the existing Truckee Donner Land Trust trailhead. This will help alleviate the unsanctioned trails in this area and potential to collaborate with USFS fuels reduction projects.

Project E2: Prosser Connection

Description: Provide a multi-use trail connection to Prosser Hill. This will help alleviate the unsanctioned trails in this area and potential to collaborate with USFS fuels reduction projects.

Project E3: Emigrant Connection

Description: Provide a multi-use trail connection to Emigrant Trail. Potential to collaborate with USFS fuels reduction projects.

Project E4: Mogle to Truckee

Description: New Class I Paved Trail connecting Mogle Lane to the Town of Truckee's paved trail system. This connection is shown in the 2015 Trails and Bikeways Master Plan, approved by the Town of Truckee.

Project E5: Bermgarten to Armstrong

Description: New trail connecting Bermgarten Trailhead to the Armstrong neighborhood. This connection is identified in the 2015 Trails and Bikeways Master Plan, approved by the Town of Truckee.

Project E6: Frog Lake Connection

Description: In partnership with the Truckee Donner Land Trust, this connection will provide a multi-use trail link to Frog Lake via Mustang Sally.

Project E7: Red Mountain Connection

Description: In partnership with the Truckee Donner Land Trust, this connection will provide a multi-use trail link to Red Mountain from Crabtree Road.

NEW PAVED CLASS I TRAILS

Project C1: Mogle to Truckee

Description: Connection from Mogle to Truckee as identified in the 2015 Trails and Bikeways Master Plan. Stats: Approximately 1 mile long, 220 feet of elevation change

Project C2: Trout Creek to ACAC and DH Ski Area

Description: Connection from the end of the existing Trout Creek paved trail through the center of Tahoe Donner, connecting Northwoods Clubhouse, Trout Creek Recreation Center and ACAC with a spur connecting to the Downhill Ski Area. Stats: Approximately 4.5 miles long, 600 feet of elevation change

Project C3: Recreation Center to Swiss Lane

Description: Paved trail connecting through the golf course, providing a bike and pedestrian connection to the Swiss Lane neighborhood. Stats: Approximately 2,000 feet long, 100 feet of elevation change

NEW DIRT TRAILS

Project 1: Crabtree

Description: New multi-use trail connecting the east end of Euer Valley to the north end of Tahoe Donner property with the potential to connect into future regional trail plans by TDLT. Stats: Approximately 1.3 miles long, 500 feet of elevation change

Project 2: Sidewinder Extension

Description: New multi-use trail connecting the east end of Sidewinder to East Mustang Sally. Currently trail users need to connect these two single track trails with a dirt road. Stats: Approximately 700 feet long, 15 feet of elevation change

Project 3: Lower Cinnamon Twist

Description: New multi-use trail connecting the two lower sections of Cinnamon Twist. Currently trail users need to connect these two sections of single track with a dirt road. Stats: Approximately 1,000 feet long, 70 feet of elevation change

Project 4: Rawhide Equestrian Extension

Description: New equestrian only trail connecting the new equestrian zone to Rawhide Trail providing an improved equestrian only access to Euer Valley. Currently equestrians need to exit the equestrian center on dirt roads or busy multi-use trails, this equestrian only access will improve that experience. Stats: Approximately 4,000 feet long, 200 feet of elevation change

Project 4a: Foot-only Euer Valley Connection

Description: New foot only trail connecting from the top of Cinnamon Twist to Euer Valley. Stats: Approximately 1,000 feet long, 150 feet of elevation change

Project 5: Equestrian Loop

Description: New equestrian only trail looping around the new equestrian zone. Stats: Approximately 3,500 feet long, 40 feet of elevation change

Project 6: Family Flow Trails

Description: New bike optimized trails of beginner to intermediate skill level in close adjacency to ACAC. These trails will serve as a way for families and new mountain bikers to hone their skills in a zone dedicated to mountain bikers. Stats: Three trails, each approximately 1,800 feet long, 160 feet of elevation change each

Project 7: Whoop It Up Extension

Description: New multi-use trail connecting ACAC to Whoop It Up single track. A new boardwalk is proposed on the west side of ACAC, located in a way not to interfere with winter operations. Some decommissioning of existing trails and roads in this area will need to occur. Stats: Approximately 2,200 feet long, 100 feet of elevation change

Project 8: Springbrook Connector

Description: New multi-use trail connecting a new

trailhead at Springbrook/Skislope to Whoop It Up Extension.

Stats: Approximately 1,000 feet long, 20 feet of elevation change

Project 9: Foot-only Northwoods

Description: New foot-only trail built to ADA standards providing easy access for all users in the area on the edges of the meadow behind Northwoods Clubhouse. Stats: Approximately 1 mile long, 40 feet of elevation change

Project 10: Foot-only Bermgarten

Description: New foot-only trail built to ADA standards providing easy access for all to an overlook from Bermgarten Trailhead. Stats: Approximately 2,500 feet long, 200 feet of elevation change

Project 11: Foot-only Glacier

Description: New foot-only trail built to ADA standards providing easy loop for all from the Glacier Trailhead. Stats: Approximately 1 mile long, 100 feet of elevation change

Project 12: Glacier Connector

Description: New multi-use trail connecting Glacier Trailhead to the Donner Lake Rim Trail. Stats: Approximately 1 mile long, 100 feet of elevation change

Project 13: DH Ski Area to Teewinot

Description: New multi-use trail connecting Teewinot Trail across Skislope Way to the new Ski Area Loop Trail. Stats: Approximately 1,700 feet long, 60 feet of elevation change

Project 14: DH Ski Area to Glacier

Description: New multi-use trail connecting Glacier Trailhead across Skislope Way to the new Ski Area Loop Trail. Stats: Approximately 3,400 feet long, 120 feet of elevation change

Project 15: DH Ski Area Loop

Description: New multi-use trail looping around the Downhill Ski Area, providing larger connections within Tahoe Donner. Stats: Approximately 3 miles long, 700 feet of elevation change

Project 16: Downhill Ski Area Trails

Description: New bike optimized trails of intermediate skill level that could be accessed by pedaling uphill on the new Ski Area Loop Trail, or by lift service on the existing chairlifts. These trails will help concentrate mountain bikers in a new bike only zone as well as serve many families. Stats: Approximately 3 miles long, 700 feet of elevation change

Project 17: Sunrise Trail

Description: New multi-use trail traversing the Sunrise Bowl, providing larger connections from Glacier Trailhead to Hawk's Peak Trail. This trail was identified in the 2016 YIP but not built.

Stats: Approximately 1 mile long, 300 feet of elevation change

Project 18: Dogs in Space Extension

Description: New multi-use trail connecting from the new Ski Area Loop Trail, across Skislope to Dogs in Space and Hawk's Peak Trail, continuing towards ACAC. Stats: Approximately 1 mile long, 500 feet of elevation change

Project 19: Willie's Wiggle Extension

Description: New multi-use trail connecting Willie's Wiggle Trail to Hawk's Peak. Stats: Approximately 4,000 feet long, 150 feet of elevation change

Project 20: Fool's Gold Extension

Description: New multi-use trail connecting the bottom of Fool's Gold to Coyote Hut. Stats: Approximately 1,300 feet long, 50 feet of elevation change

Project 21: South Euer Valley Cross Slope

Description: New multi-use trail connecting Sundance Hut to Euer Valley at the bottom of Hidden Gem. Stats: Approximately 1.5 miles long, 250 feet of elevation change

Project 22: Hawk's Peak

Description: New multi-use trail for hikers and equestrian to access Hawk's Peak

Stats: Approximately 1.1 miles long, 590 feet of elevation change

IMPROVE EXISTING DIRT TRAILS

Project A1: Alder Creek Trail

Description: Upgrades including realignment out of wet areas, bridges, and trail tread improvements. Stats: Approximately 1 mile long

Project A2: Hillside Trail

Description: Upgrades to fix this eroding trail. Potential to decommission if it's not possible to fix the erosion problems. Stats: Approximately 2,500 feet long

Project A3: East Perimeter Trail North

Description: Upgrades including realignment out of wet areas and off Forest Service Land, and trail tread improvements. Stats: Locations to be determined in the field

Project A4: East Perimeter Trail South

Description: Upgrades including realignment out of wet areas and off USFS land, and trail tread improvements. Stats: Locations to be determined in the field

Project A5: East Perimeter Trail South

Description: Upgrades including new boardwalks and trail tread improvement. This project was identified in the 2016 YIP but not built. Stats: Locations to be determined in the field

Project A6: Willie's Wiggles

Description: Upgrades including trail tread improvement and agreement with the USFS to

allow this trail on their land.

Stats: Locations to be determined in the field

Project A7: Mother Lode

Description: Upgrades including trail tread improvements, sight line improvements and realignment of sections to improve user experience. Stats: Locations to be determined in the field

Project A8: West Mustang Sally

Description: Upgrades including trail tread improvement, sight line improvements and realignment of sections to improve user experience. Stats: Locations to be determined in the field

NEW AND IMPROVED TRAILHEADS

Project T1: New Moondance Hut TH

Description: New trailhead with parking at the end of Alder Creek Road. Summer only.

Project T2: Alder Creek Adventure Center (ACAC) Improvements

Description: Reconfigure parking, trail intersections and overall wayfinding to optimize ACAC as a summer and winter trail hub.

Project T3: New Springbrook TH

Description: New trailhead to provide summer and winter users access to the trails without bringing further congestion to ACAC.

Project T4: New Downhill Ski Area TH

Description: New formal trailhead that uses the existing downhill ski area parking lot for summer use connecting to the new multi-use trails at the ski area and surrounding land.

Project T5: New Hansel Mailboxes TH

Description: New trailhead near the mailboxes with improved access to East Perimeter Trail. Summer only.

Project T6: Improved Hawk's Peak TH

Description: Improvements including parking and signage at Skislope and Dogs in Space.

Project T7: New Swiss Lane TH

Description: New access point trailhead on Swiss Lane connecting to the new Class I paved path, no parking.

Project T8: New Top Shop TH

Description: New access point trailhead on Skislope connecting to the new Ski Area Loop Trail and Teewinot Trail.

Project T9: Improved Glacier TH

Description: Improvements to the existing Glacier Trailhead.

Project T10: Improved Teton TH

Description: Improvements to the existing Teton Trailhead.

Trail Master Plan - Compiled Map of Improvements

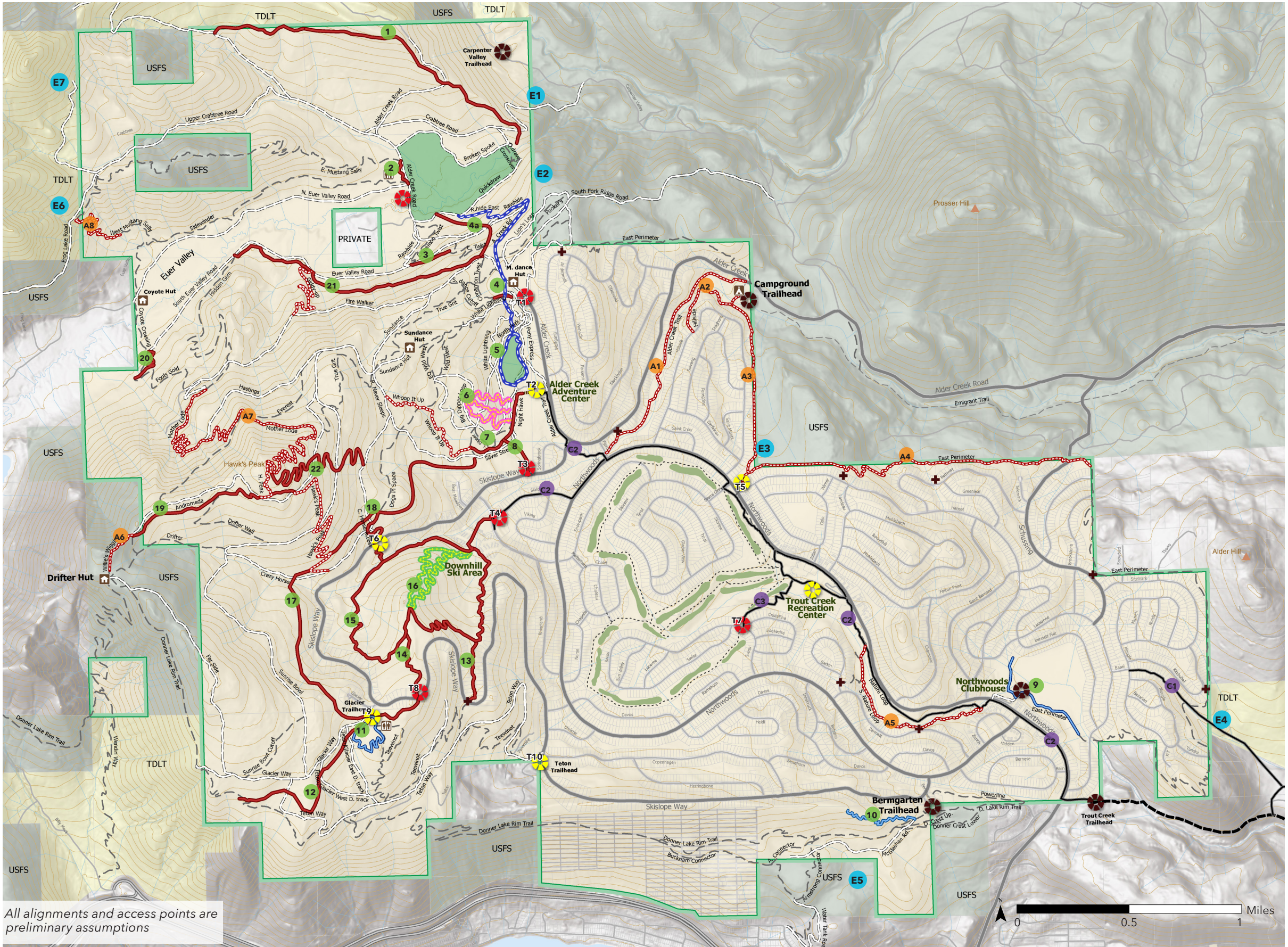


Figure 7: Compiled Map of Improvements

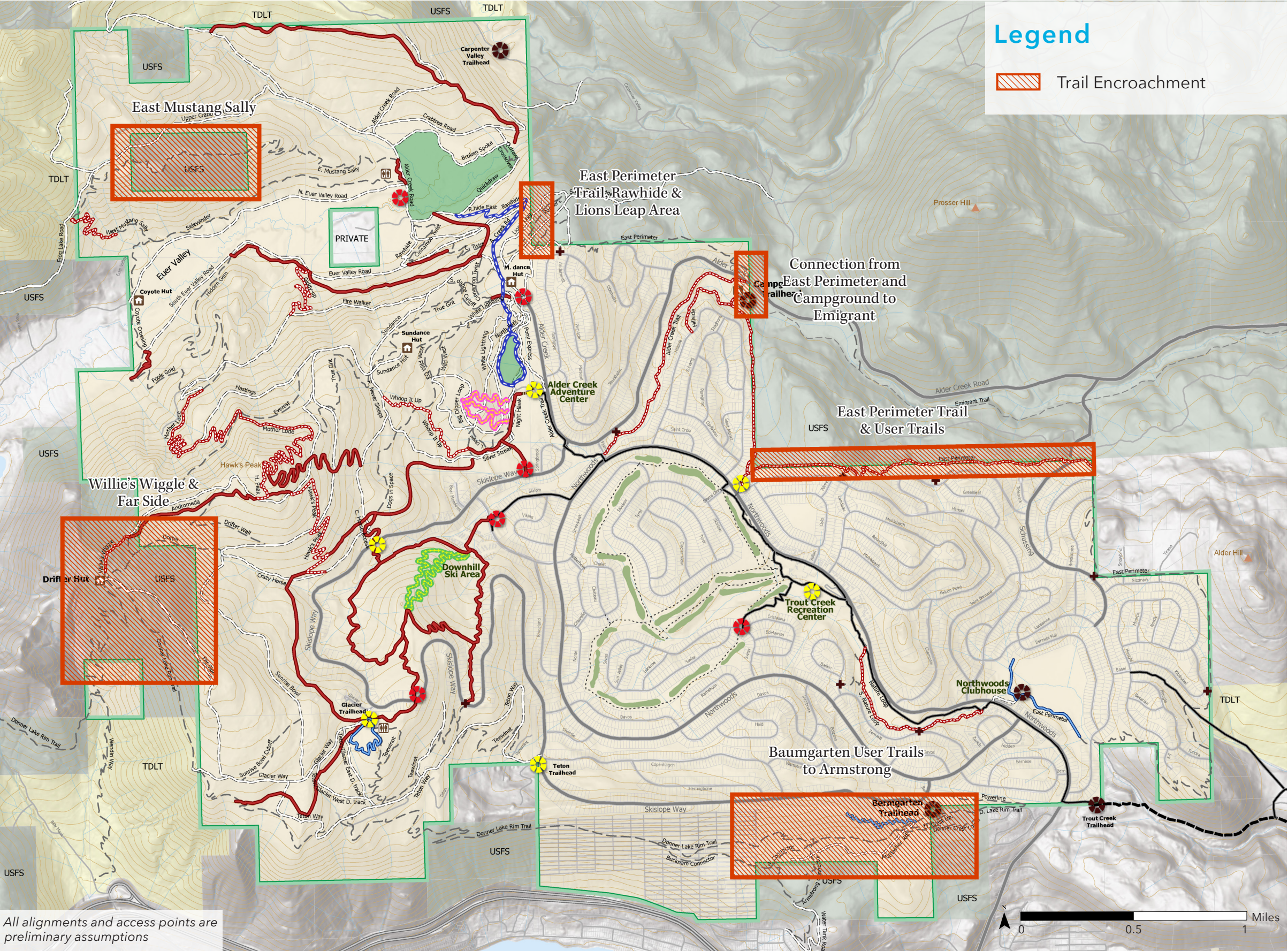
This map shows a compilation of the proposed improvements to the Tahoe Donner trail system. Subsequent maps show the focused improvements.

Adaptive Management: These recommendations represent the current needs and desires for trail improvements at Tahoe Donner, through adaptive management practices, changing use patterns, and developments will be addressed with ongoing management by Tahoe Donner staff and the TOS Committee.

Legend

- EXISTING**
- External Connections
 - Singletrack Trail
 - Doubletrack Trail
 - Class I Path
 - Improved Existing Trail
 - Primary Road
 - Secondary Road
 - Improved Trailhead
 - Existing Trailhead
 - Existing Neighborhood Access
- PROPOSED**
- External Trail Connections
 - Class I Paved Path
 - Multi-use Trail
 - Equestrian Trail
 - Flow Trail
 - Bike Optimized Trail
 - Inclusive Trail
 - Boardwalk
 - New Trailhead
 - Zonal Land Use

USFS Land Encroachment

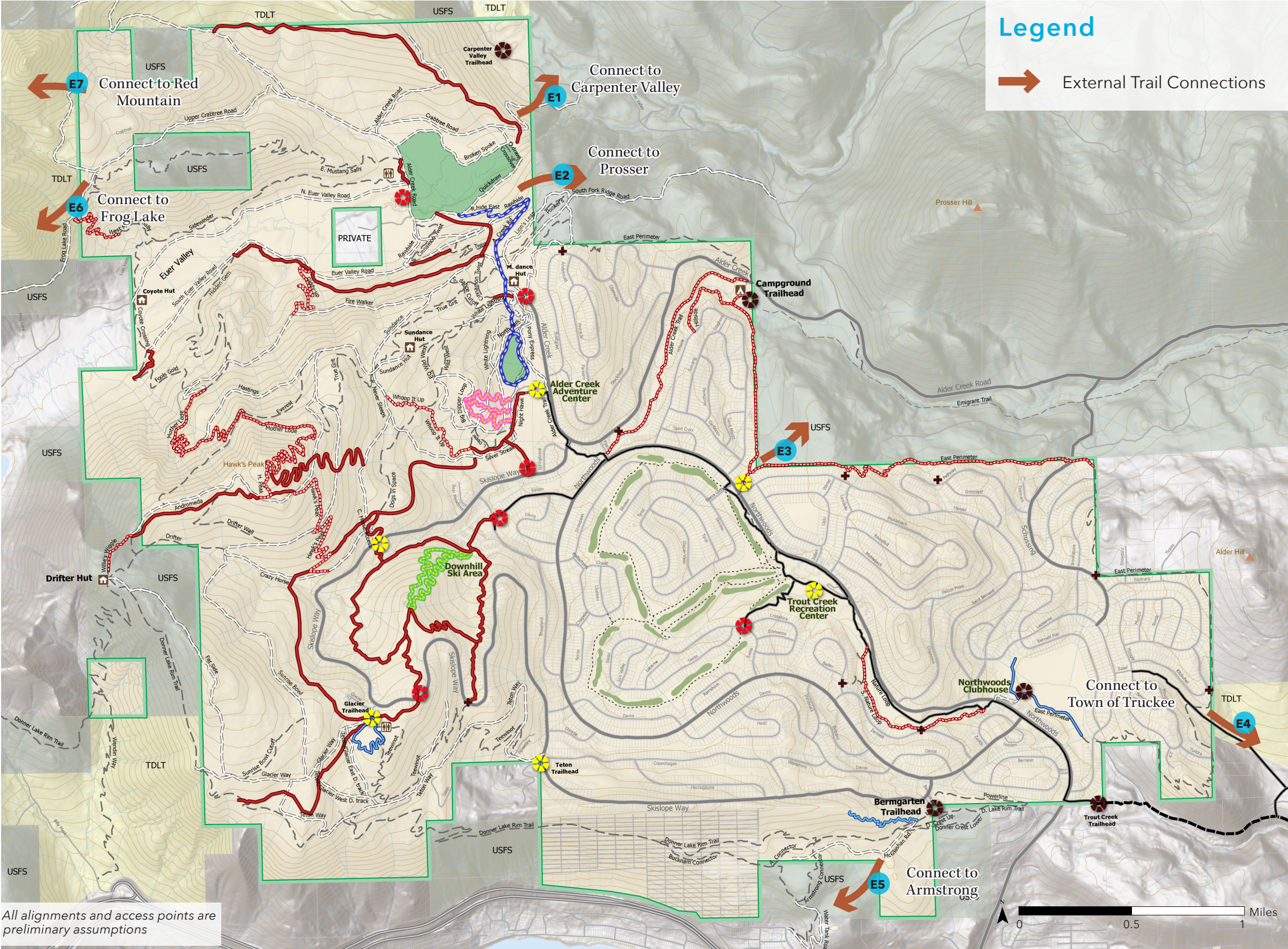


USFS LAND ENCROACHMENT

This map shows areas where the Tahoe Donner trail system has encroached on USFS land and needs to be corrected.

Corrective measures can include agreements with the USFS and/or trail realignments. Some of these areas have been identified for future off-site regional trail connections and can be addressed in those projects.

External Connections



EXTERNAL CONNECTIONS

This map shows future connections to the regional trail network to and from Tahoe Donner. These regional connections can be provided by working closely with the USFS and TDLT. In some cases preliminary trail planning with the adjacent land managers has already started and a collaborative effort will help expedite the process.

- E1 Carpenter Valley Connection***
Icons: Hiking, Biking, Horseback, Stroller, Wheelchair
- E2 Prosser Connection**
Icons: Hiking, Biking, Horseback, Stroller, Wheelchair
- E3 Emigrant Connection**
Icons: Hiking, Biking, Horseback, Stroller, Wheelchair
- E4 Mogle to Truckee**
Icons: Hiking, Biking, Horseback, Stroller, Wheelchair
- E5 Bermgarten to Armstrong**
Icons: Hiking, Biking, Horseback, Stroller, Wheelchair
- E6 Frog Lake Connection***
Icons: Hiking, Biking, Horseback, Stroller, Wheelchair
- E7 Red Mountain Connection***
Icons: Hiking, Biking, Horseback, Stroller, Wheelchair

*Tahoe Donner will work with neighboring land owners to identify mutually beneficial trail alignments and allowable uses.

Figure 9: External Connections

Improvements to Existing Dirt Trails

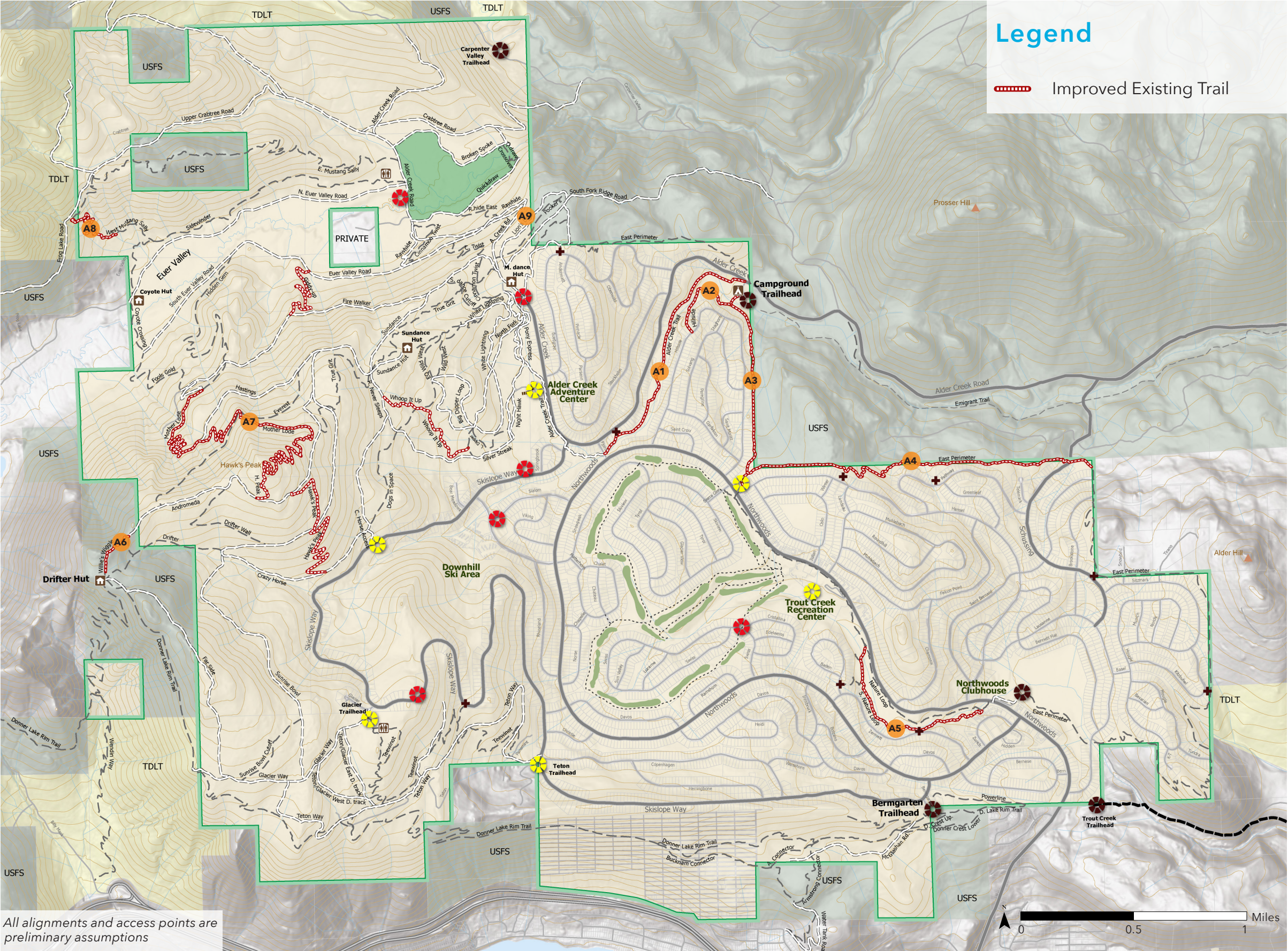


Figure 10: Improvements to Existing Dirt Trails

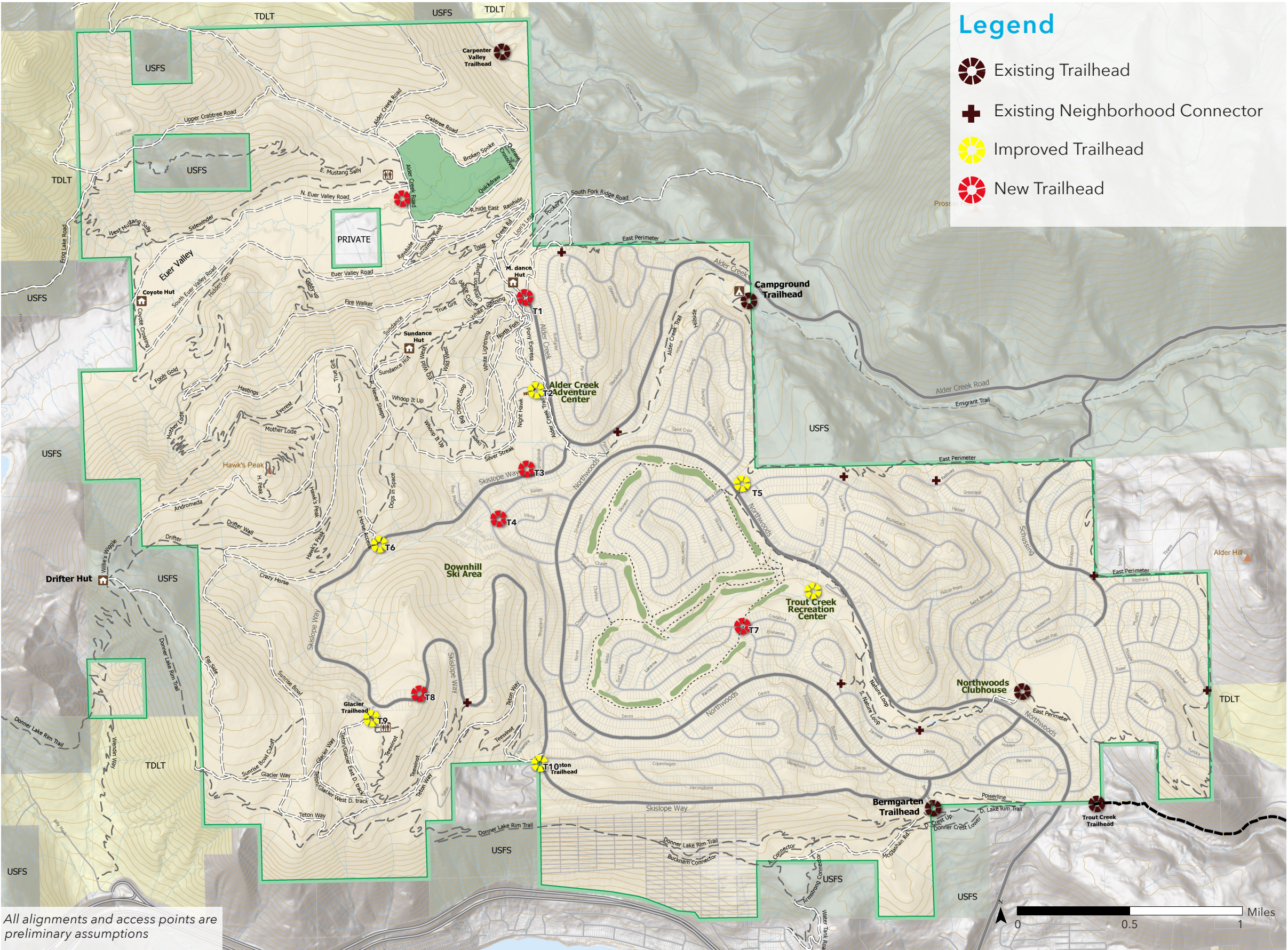
IMPROVE EXISTING DIRT TRAILS

Several trails in the Tahoe Donner trail system are in poor condition either from over use and infrequent maintenance or inappropriate alignments for the terrain. Alder Creek Trail and Hillside Trail are both in poor condition with many wetland and creek crossings. West Mustang Sally has switchbacks that are very tight on the steep terrain, realignment of this trail would improve user experience. Repair and maintenance to these trails will improve these important connections.

- A1 Alder Creek Trail***
Icons: Hiker, Biker, Horse, Stroller, Wheelchair
- A2 Hillside Trail**
Icons: Hiker, Biker, Horse, Stroller, Wheelchair
- A3 East Perimeter Trail North**
Icons: Hiker, Biker, Horse, Stroller, Wheelchair
- A4 East Perimeter Trail South**
Icons: Hiker, Biker, Horse, Stroller, Wheelchair
- A5 Nature Trail**
Icons: Hiker, Biker, Horse, Stroller, Wheelchair
- A6 Willie's Wiggles**
Icons: Hiker, Biker, Horse, Stroller, Wheelchair
- A7 Mother Lode**
Icons: Hiker, Biker, Horse, Stroller, Wheelchair
- A8 West Mustang Sally**
Icons: Hiker, Biker, Horse, Stroller, Wheelchair
- A9 Rawhide**
Icons: Hiker, Biker, Horse, Stroller, Wheelchair

*Bridges on the Alder Creek Trail would need significant improvement to accommodate equestrian use.

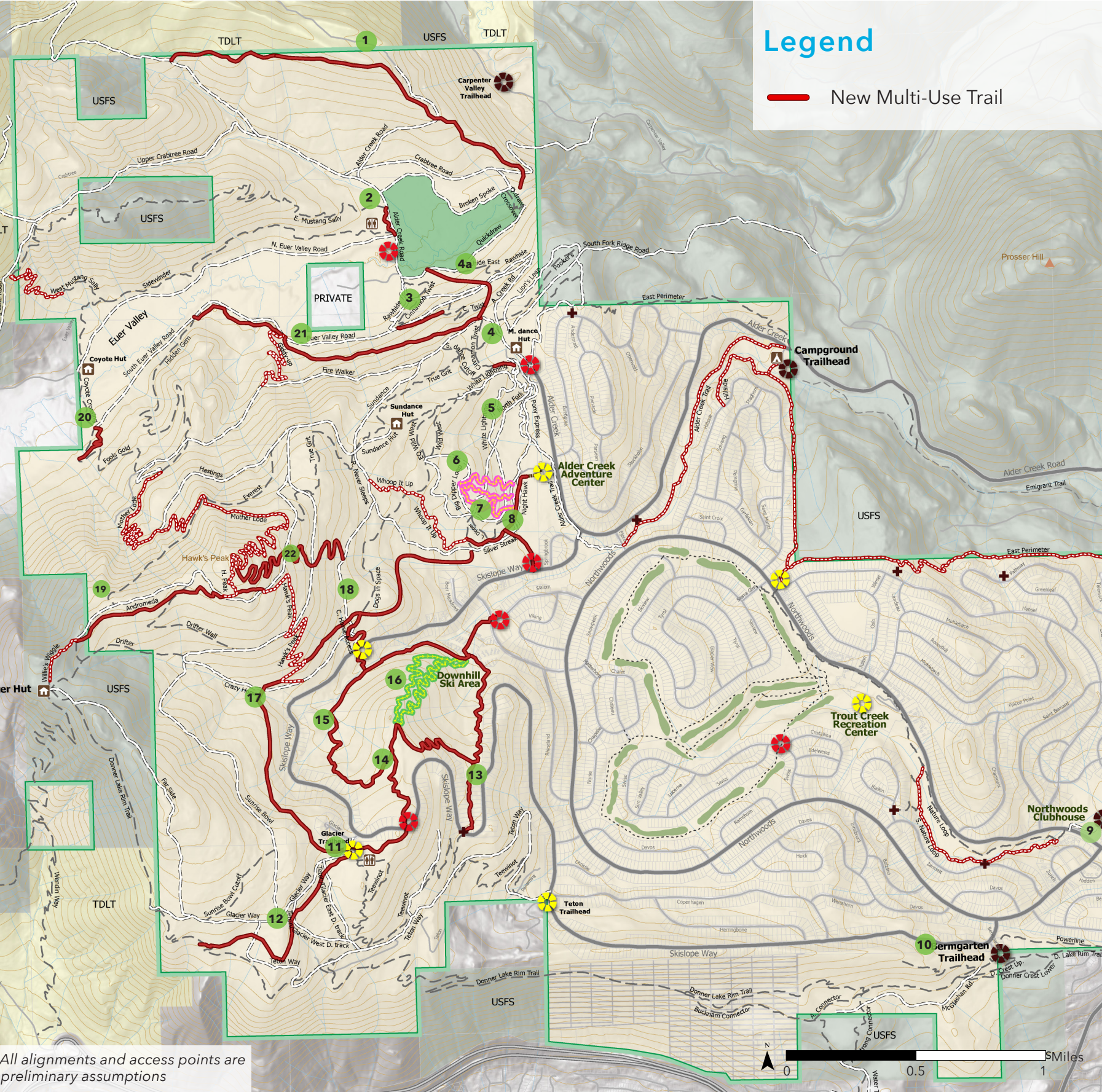
New and Improved Trailheads



NEW AND IMPROVED TRAILHEADS

New and existing trailheads throughout Tahoe Donner will improve user navigation and help to create more varied starting points for trail users. Expanded trailheads outside of Alder Creek Adventure Center will improve congestion and provide more access points for residents.

New Dirt Trails



All alignments and access points are preliminary assumptions

Figure 12: New Dirt Trails

NEW DIRT TRAILS

New multi-use trails throughout Tahoe Donner will create a better connected trail system with continuous singletrack trails to improve user navigation and experience. New trails will provide important connections to popular trails and destinations.

Hawk’s Peak Connector links the trail system on the western edge of Tahoe Donner to the Hawk’s Peak trails. While new trails at the downhill ski area connect trails in the Alder Creek area to Teewinot and the Donner Lake Rim Trail. The Euer Valley trail creates a full singletrack loop around the valley and back to Alder Creek area.

- 1 Crabtree
- 2 Sidewinder Extension
- 3 Lower Cinnamon Twist
- 4 Rawhide Equestrian Extension
- 4a Foot only Euer Valley Connection
- 5 Equestrian Loop
- 6 Family Flow Trails
- 7 Whoop It Up Extension
- 8 Springbrook Connector

- 9 Foot-only Northwoods
- 10 Foot-only Bermgarten
- 11 Foot-only Glacier
- 12 Glacier Connector
- 13 Ski Area to Teewinot
- 14 Ski Area to Glacier
- 15 Ski Area Loop
- 16 Downhill Ski Area Trails
- 17 Sunrise Trail
- 18 Dogs in Space Extension
- 19 Willie’s Wiggle Extension
- 20 Fool’s Gold Extension
- 21 South Euer Valley Cross Slope
- 22 Hawk’s Peak

New Paved Class I Trails

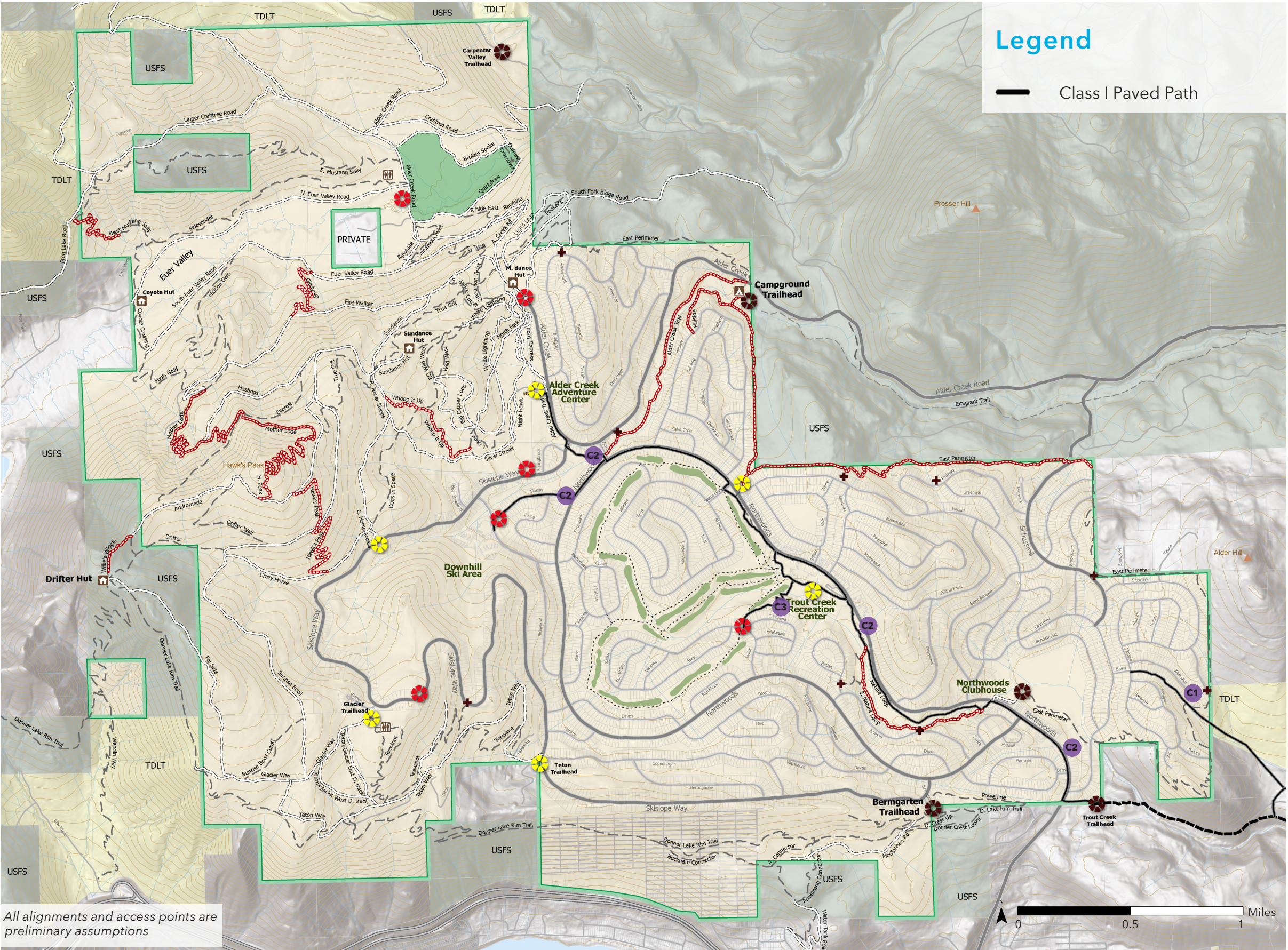


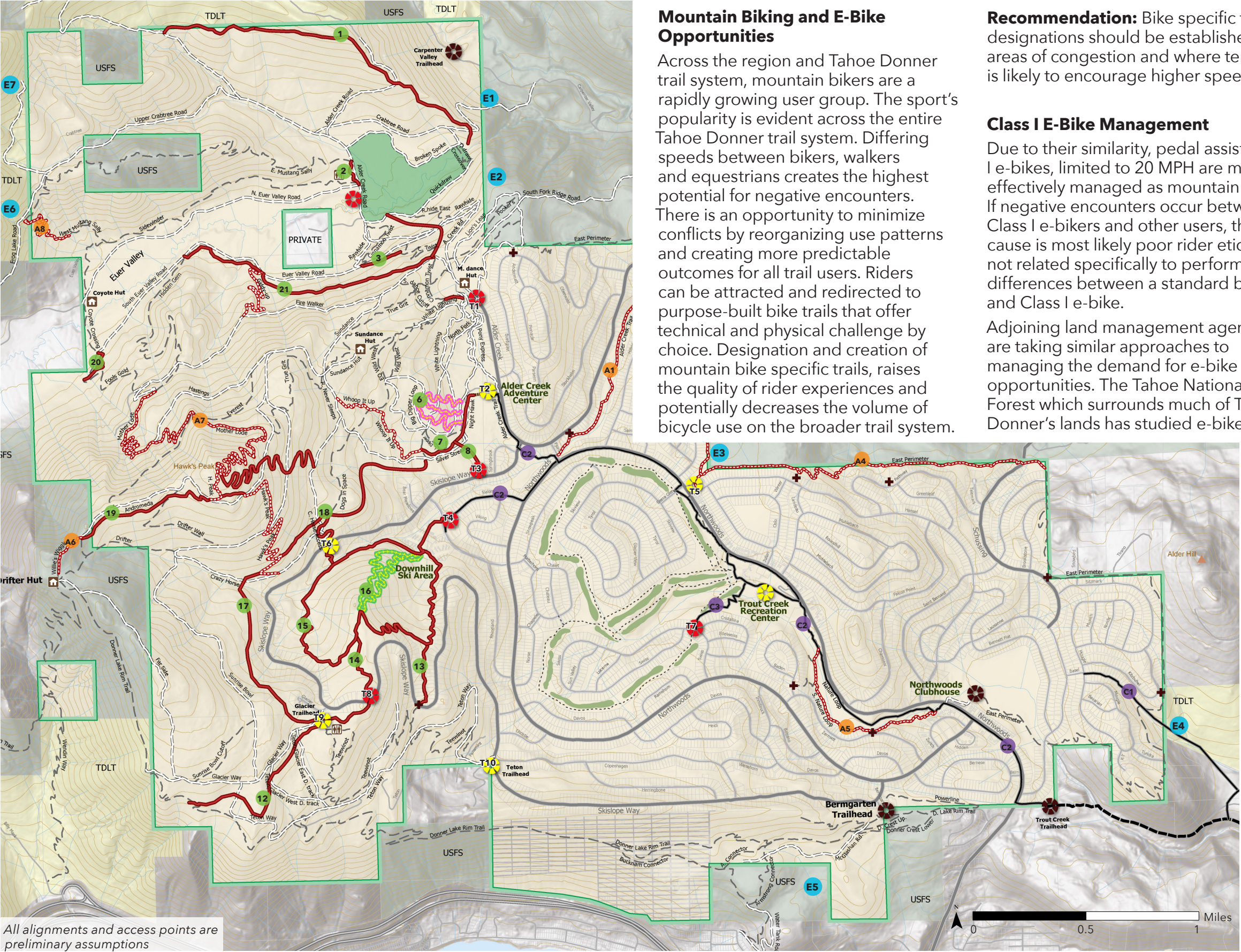
Figure 13: New Paved Class I Trails

NEW PAVED Class I TRAILS

A new Class I paved trail is proposed from Alder Creek Adventure Center to the existing Trout Creek Trail. The trail will follow Northwoods Boulevard and the Nature Loop trail to connect to the Trout Creek trail. These Class I trails could be plowed for safe four-season access.

- C1 Mougile to Truckee**
- C2 Trout Creek to ACAC and Ski Area**
- C3 Recreation Center to Swiss Lane**

New Mountain Bike Trails



Mountain Biking and E-Bike Opportunities

Across the region and Tahoe Donner trail system, mountain bikers are a rapidly growing user group. The sport's popularity is evident across the entire Tahoe Donner trail system. Differing speeds between bikers, walkers and equestrians creates the highest potential for negative encounters. There is an opportunity to minimize conflicts by reorganizing use patterns and creating more predictable outcomes for all trail users. Riders can be attracted and redirected to purpose-built bike trails that offer technical and physical challenge by choice. Designation and creation of mountain bike specific trails, raises the quality of rider experiences and potentially decreases the volume of bicycle use on the broader trail system.

Recommendation: Bike specific trail designations should be established in areas of congestion and where terrain is likely to encourage higher speeds.

Class I E-Bike Management

Due to their similarity, pedal assist Class I e-bikes, limited to 20 MPH are most effectively managed as mountain bikes. If negative encounters occur between Class I e-bikers and other users, the cause is most likely poor rider etiquette not related specifically to performance differences between a standard bike and Class I e-bike.

Adjoining land management agencies are taking similar approaches to managing the demand for e-bike riding opportunities. The Tahoe National Forest which surrounds much of Tahoe Donner's lands has studied e-bike

usage on its trail system since 2018. Through a formal NEPA Environmental Analysis process¹ found that "Class I E-bikes are similar to traditional mountain bikes with respect to a number of key characteristics. These include components, comparative speeds, relative health benefits, impacts to trail, and comparative appearance is not expected to increase conflicts among uses".

Recommendation: Focus management efforts on improving biking etiquette through educational signage and communication efforts that can improve positive shared experiences for all users, without diminishing riding opportunities for Class I e-bike riders.

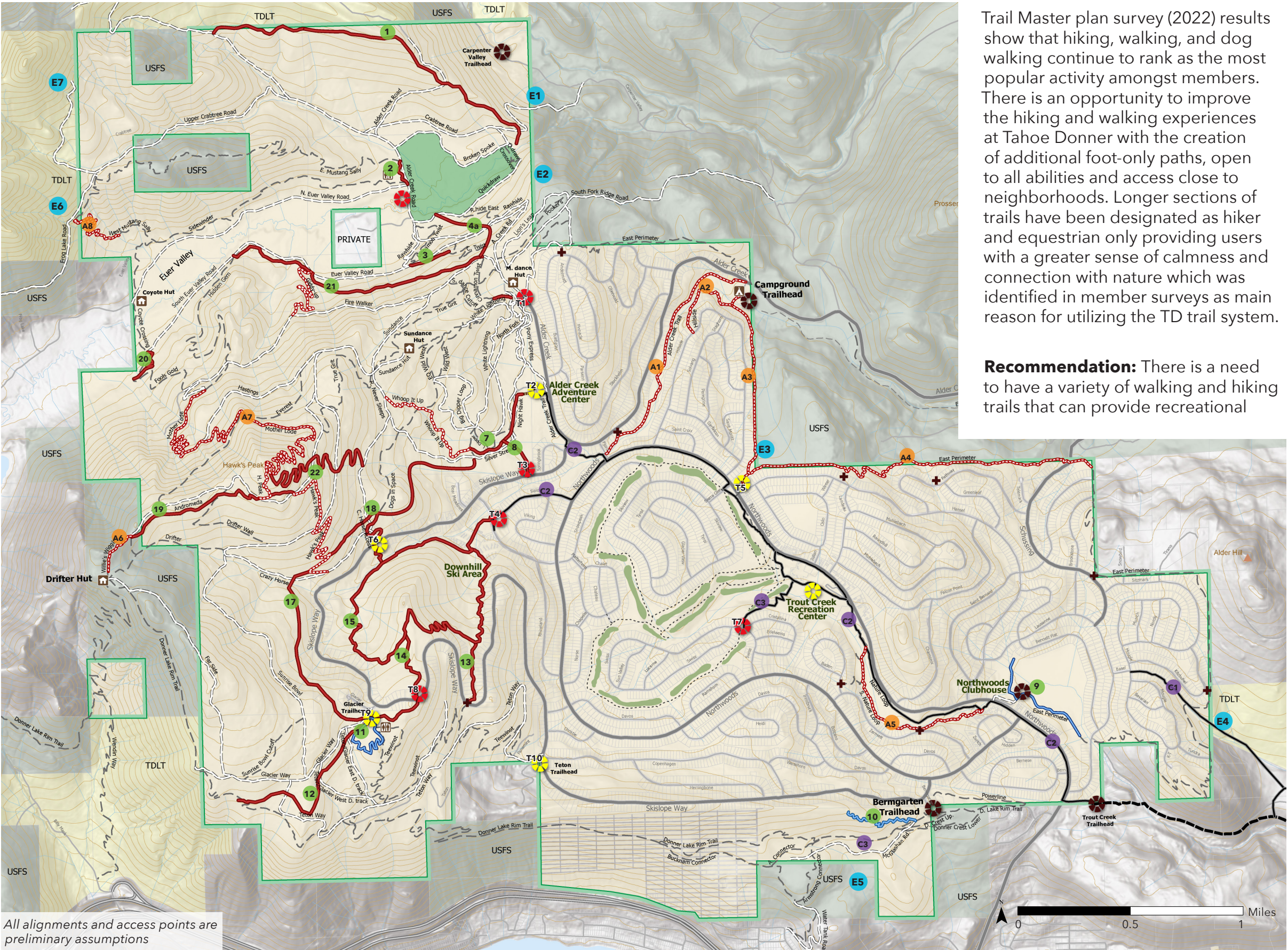
¹ <https://www.fs.usda.gov/project/?project=57704&xp=overview>

Legend

- EXISTING**
- Singletrack Trail
 - === Doubletrack Trail
 - Class I Path
 - ▤ Improved Existing Trail
 - Primary Road
 - Secondary Road
 - ☼ Improved Trailhead
 - ⊗ Existing Trailhead
 - ⊕ Existing Neighborhood Access
- PROPOSED**
- Class I Paved Path
 - Multi-use Trail
 - ▤ Flow Trail
 - ▤ Bike Optimized Trail
 - ▤ Boardwalk
 - ⊗ New Trailhead
 - Zonal Land Use

Figure 14: New Mountain Bike Trails
60 | Trails Plan

New Walking and Hiking Trails



Trail Master plan survey (2022) results show that hiking, walking, and dog walking continue to rank as the most popular activity amongst members. There is an opportunity to improve the hiking and walking experiences at Tahoe Donner with the creation of additional foot-only paths, open to all abilities and access close to neighborhoods. Longer sections of trails have been designated as hiker and equestrian only providing users with a greater sense of calmness and connection with nature which was identified in member surveys as main reason for utilizing the TD trail system.

Recommendation: There is a need to have a variety of walking and hiking trails that can provide recreational

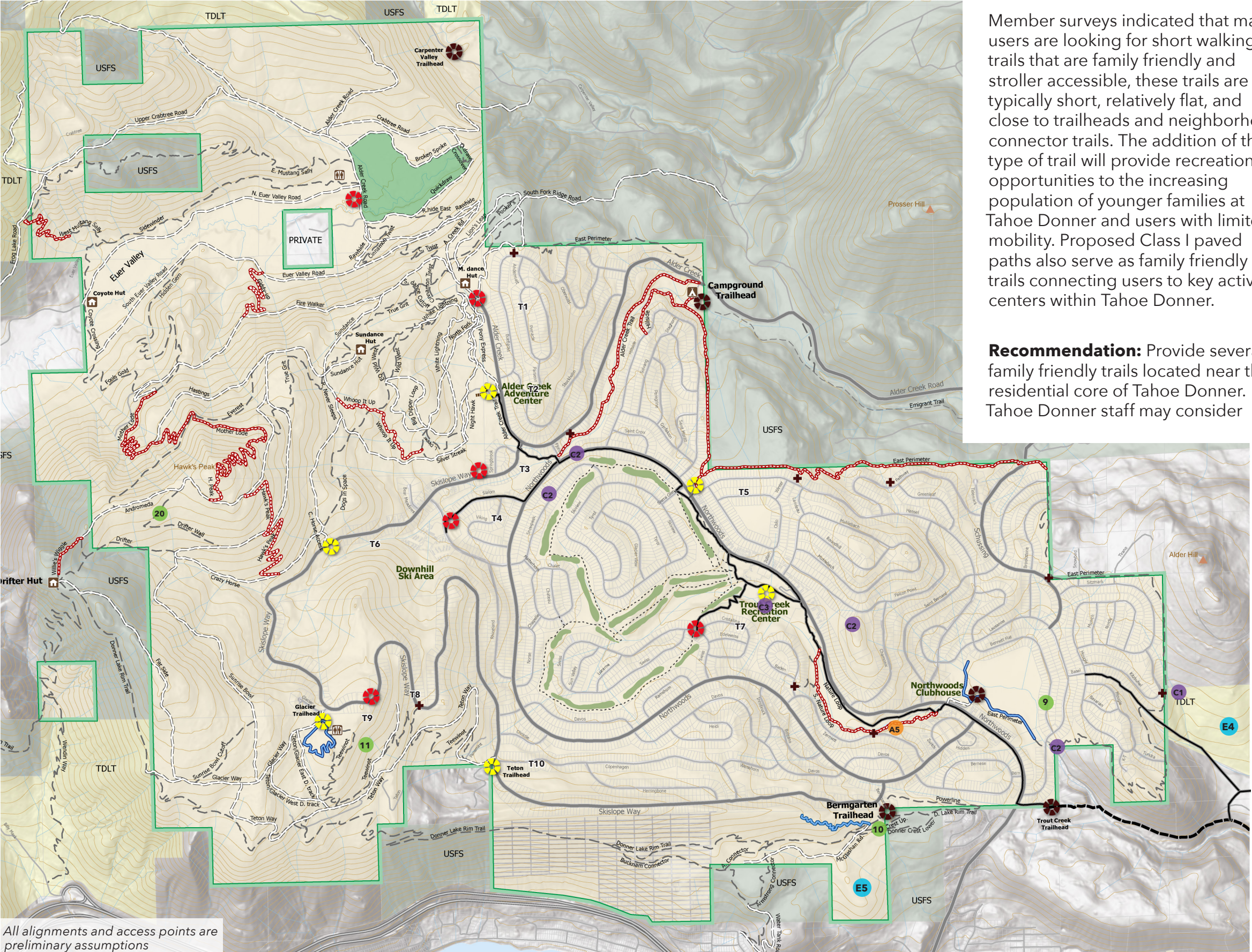
opportunities to a wide range of ages and abilities, from strollers to 20k runs. The trails identified through the planning process offer new trails for hiking and walking, These trails were designated with viewpoints, external connections, and quality of experience in mind.

Legend

- EXISTING**
- Singletrack Trail
 - === Doubletrack Trail
 - Class I Path
 - Improved Existing Trail
 - Primary Road
 - Secondary Road
 - ☀ Improved Trailhead
 - ⊗ Existing Trailhead
 - + Existing Neighborhood Access
- PROPOSED**
- Class I Paved Path
 - Multi-use Trail
 - Inclusive Trail
 - Boardwalk
 - ⊗ New Trailhead
 - Zonal Land Use

Figure 15: New Walking and Hiking Trails

New Inclusive Trails



Member surveys indicated that many users are looking for short walking trails that are family friendly and stroller accessible, these trails are typically short, relatively flat, and close to trailheads and neighborhood connector trails. The addition of this type of trail will provide recreational opportunities to the increasing population of younger families at Tahoe Donner and users with limited mobility. Proposed Class I paved paths also serve as family friendly trails connecting users to key activity centers within Tahoe Donner.

Recommendation: Provide several family friendly trails located near the residential core of Tahoe Donner. Tahoe Donner staff may consider

offering staff led outings into Euer Valley and the Glacier Way area to provide more opportunities for limited mobility users to access more of Tahoe Donner Open Space lands.

Legend

- EXISTING**
- Singletrack Trail
 - Doubletrack Trail
 - Class I Path
 - Improved Existing Trail
 - Primary Road
 - Secondary Road
 - Improved Trailhead
 - Existing Trailhead
 - Existing Neighborhood Access
- PROPOSED**
- Class I Paved Path
 - Multi-use Trail
 - Inclusive Trail
 - Boardwalk
 - New Trailhead
 - Zonal Land Use

Figure 16: New Inclusive Trails
62 | Trails Plan

New Winter Recreation Opportunities

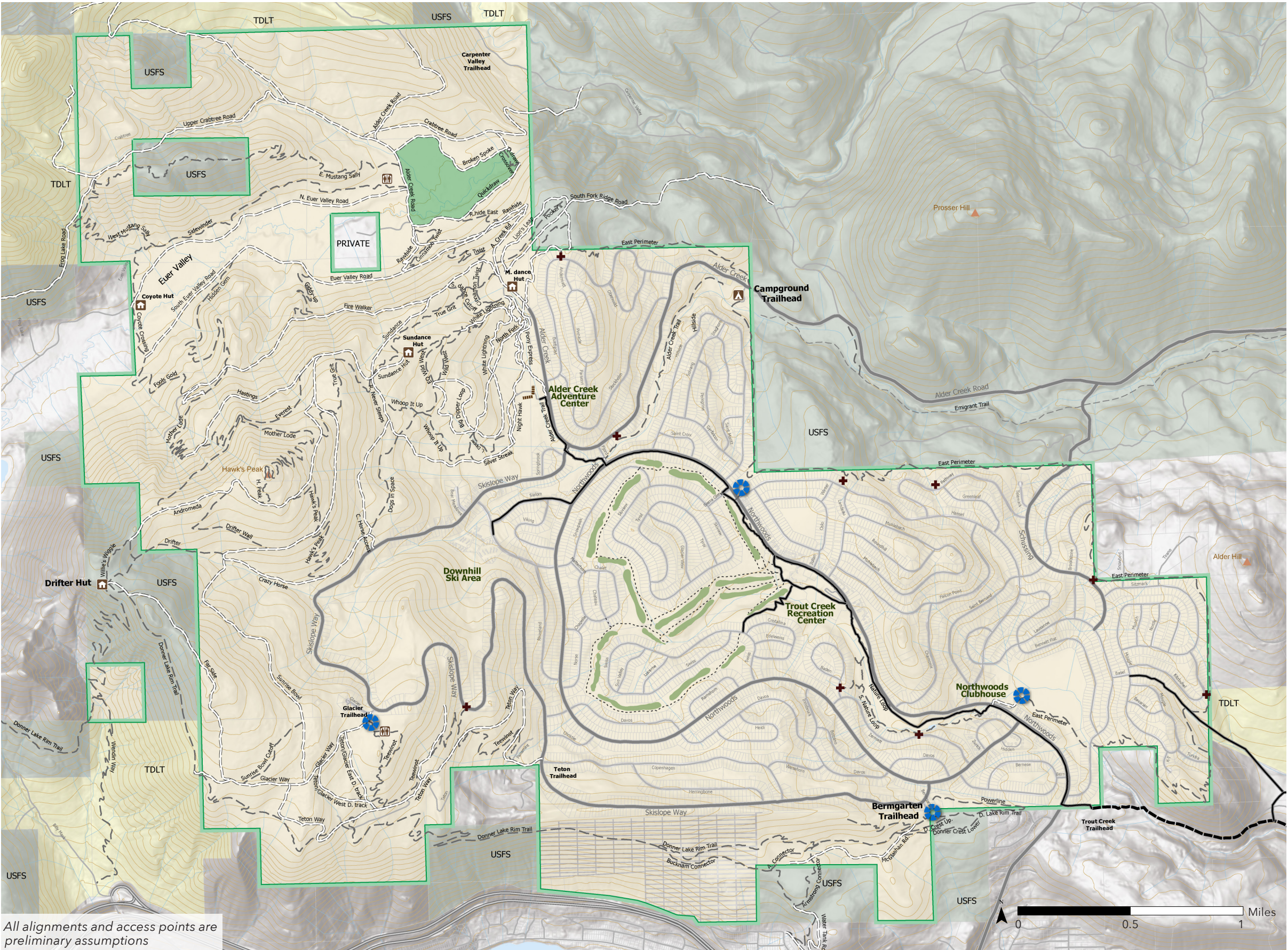


Figure 17: New Winter Recreation Opportunities

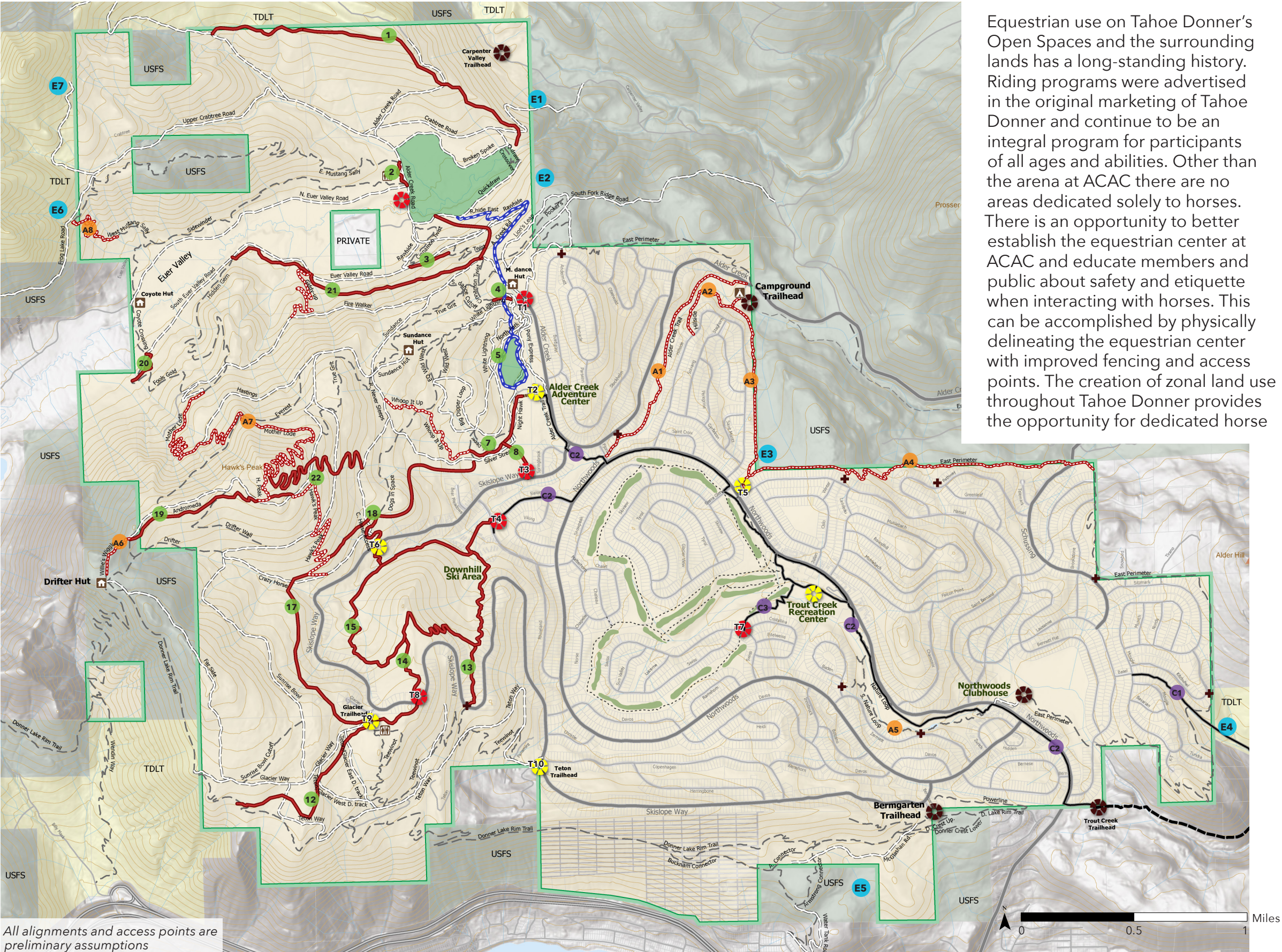
Winters at Tahoe Donner are traditionally long and full of deep snow. Tall banks of snow throughout neighborhoods can create a sense of confinement and limit access to Open Spaces. Snowshoeing, XC skiing, and fat biking access opportunities were requested during member surveys. There are opportunities for the Tahoe Donner Trails Department to develop winter access routes over appropriate portions of the summer trail system. With consideration of topography and weather factors, there may be an opportunity to snow blow existing short portions of the paved golf course cart paths to offer off street winter walking.

Recommendation: Provide information to Tahoe Donner users about the opportunities for winter recreation outside of the Cross Country Center. Utilize signage that will be visible above snowpack for better trail legibility.

Legend

- EXISTING**
- Singletrack Trail
 - === Doubletrack Trail
 - Class I Path
 - Improved Existing Trail
 - Primary Road
 - Secondary Road
 - Improved Trailhead
 - Existing Trailhead
 - Existing Neighborhood Access
- PROPOSED**
- New Winter Trailhead

New Equestrian Trails



All alignments and access points are preliminary assumptions

Figure 18: New Equestrian Trails

Equestrian use on Tahoe Donner’s Open Spaces and the surrounding lands has a long-standing history. Riding programs were advertised in the original marketing of Tahoe Donner and continue to be an integral program for participants of all ages and abilities. Other than the arena at ACAC there are no areas dedicated solely to horses. There is an opportunity to better establish the equestrian center at ACAC and educate members and public about safety and etiquette when interacting with horses. This can be accomplished by physically delineating the equestrian center with improved fencing and access points. The creation of zonal land use throughout Tahoe Donner provides the opportunity for dedicated horse

and hiking areas and trails absent of mountain bikers.

Recommendation: Utilize the northeast corner of Euer Valley as an area with limited bike trail development. New and existing trails identified through the planning process offer equestrian opportunities that create clear trail designations connecting the equestrian center to Euer Valley.

Legend

- EXISTING**

 - Singletrack Trail
 - === Doubletrack Trail
 - Class I Path
 - ⋯ Improve Existing Trail
 - Primary Road
 - Secondary Road
 - ⬡ Improved Trailhead
 - ⬢ Existing Trailhead
 - ⬢ Existing Neighborhood Access
- PROPOSED**

 - Class I Paved Path
 - Multi-use Trail
 - Equestrian-Only Trail
 - ⋯ Boardwalk
 - ⬢ New Trailhead
 - ⬢ Zonal Land Use

Moondance Hut Aerial



The area around the Moondance Hut sees the highest concentration of trail users in the summer months. The existing trails and dirt roads in this area should be realigned to provide better connections to Euer Valley and broader TD trail system. A dedicated equestrian connect from the new Equestrian Zone to Rawhide should be provided, along with separate connections for hikers and mountain bikers. Signage and wayfinding should also be improved in this highly used area.

Alder Creek and Euer Valley North

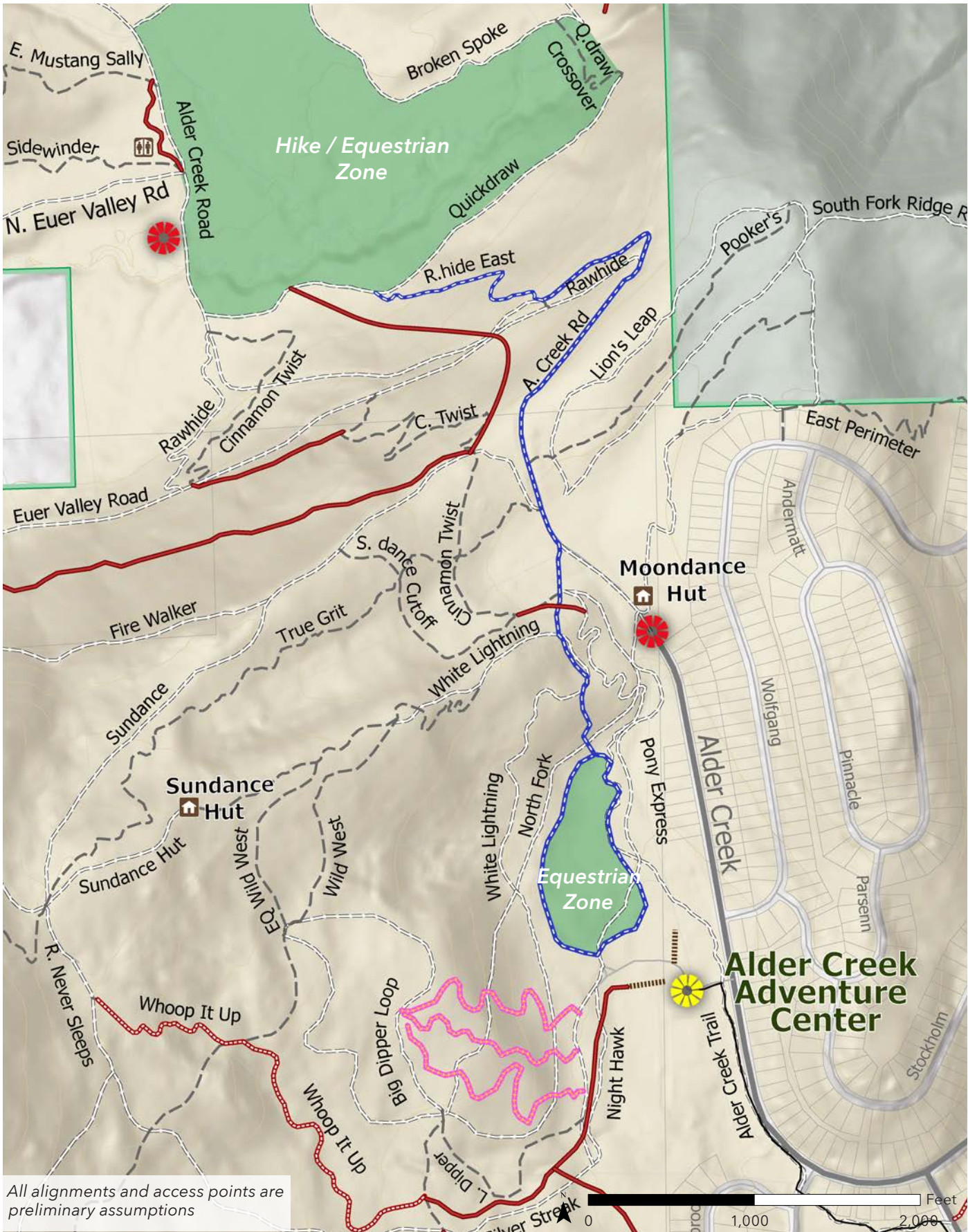










Figure 19: Alder Creek and Euer Valley North

-  **Safety & Civility**
-  **Popularity & Density**
-  **Connected Network**
-  **Zonal Land Use**

Legend

EXISTING

-  Singletrack Trail
-  Doubletrack Trail
-  Class I Path
-  Improve Existing Trail
-  Primary Road
-  Secondary Road
-  Improved Trailhead
-  Existing Trailhead

PROPOSED

-  Class I Paved Path
-  Multi-Use Trail
-  Equestrian Trail
-  Flow Trail
-  Boardwalk
-  New Trailhead
-  Zonal Land Use

By defining the **Equestrian Zone** at Alder Creek Adventure Center all trail users will be more aware of the trail use designations in that area and equestrians will have a safe trailhead within that zone. The alignment of Rawhide has been adjusted to have fewer intersections with other trails and provides a direct access route from the Equestrian Zone to Euer Valley. Once in Euer Valley a new **zone for hiking and equestrian use** will be created in the area between Quickdraw, Broken Spoke, and Alder Creek Road. This area will have a future trail connection to Carpenter Valley.

The **Family Flow Trail Zone** is located directly behind Alder Creek Adventure Center to provide families access to easy bike optimized trails. With a mix of downhill flow trails and dirt road uphill trails, families and beginner riders can easily navigate and improve their skills in a fun and safe environment. Connections from uphill surrounding trails will still be maintained outside of this zone to maintain ease of trail access from Alder Creek Adventure Center.



Improvements to Alder Creek Adventure Center will enhance the experience of all trail users and activate the facility in non-winter months. Proposed is an expanded equestrian zone, new boardwalks through the meadows, improved signage, and better trail connections to the broader TD trail system.

Additional improvements to the ACAC area include:

- Addition of family friendly amenities such as a play lawn, pump track, ropes course.
- Improved parking.
- Trailhead signage and map kiosks.

Downhill Ski Area Summer Use Trails

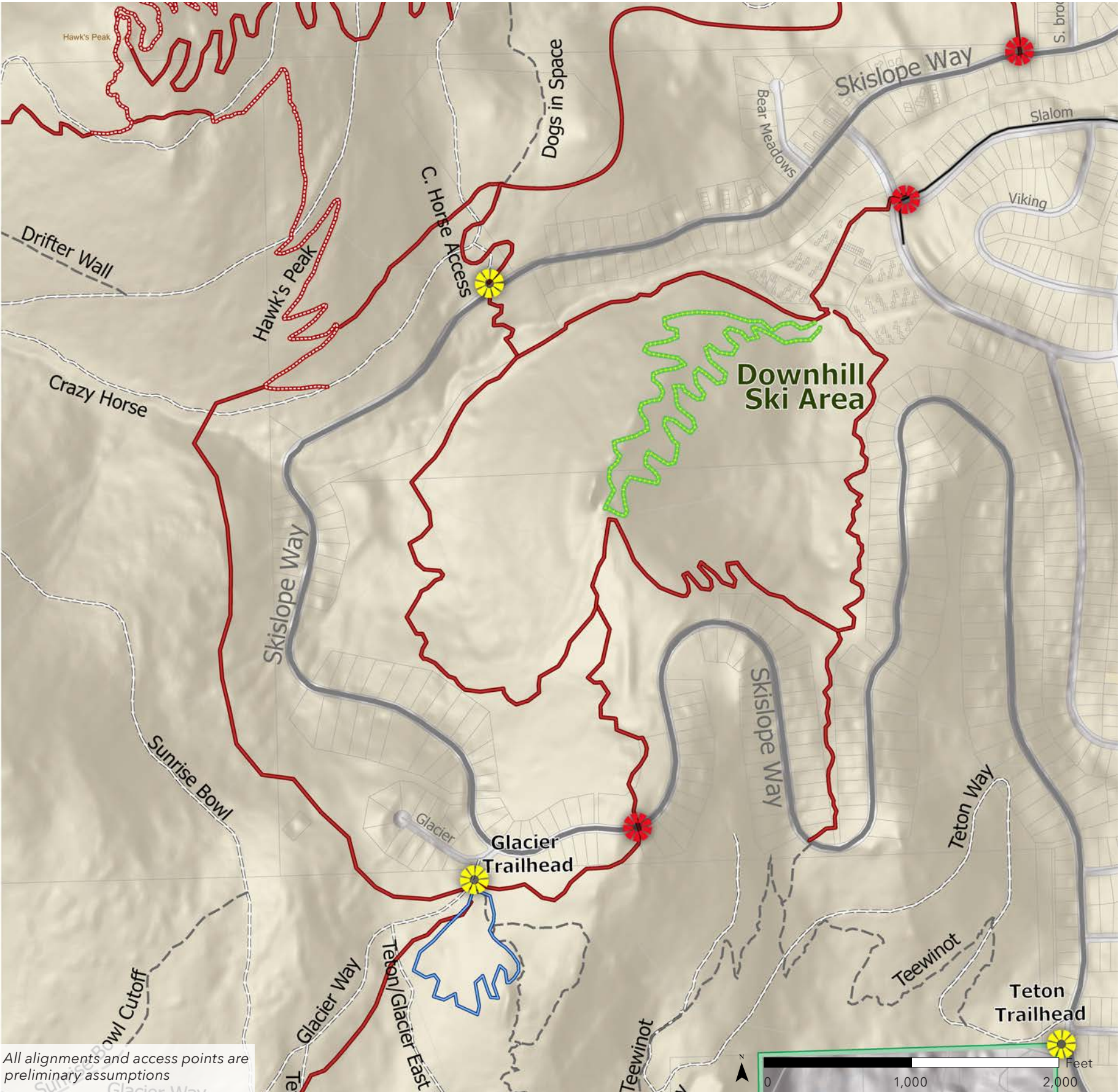










Figure 20: Downhill Ski Area Summer Use Trails

-  Safety & Civility
-  Popularity & Density
-  Connected Network
-  Zonal Land Use






Expanding existing multi-use trails at the downhill ski area will provide connections from the broader Tahoe Donner trail network and to trails along the southern edge of Tahoe Donner. In addition, bike optimized trails are proposed on the front side treed area in the ski area.

Legend

EXISTING

-  Singletrack Trail
-  Doubletrack Trail
-  Class I Path
-  Improve Existing Trail
-  Primary Road
-  Secondary Road
-  Improved Trailhead
-  Existing Trailhead

PROPOSED

-  Class I Paved Path
-  Multi-Use Trail
-  Foot Only Trail
-  Bike Optimized Trail
-  New Trailhead

Trout Creek Recreation Center Aerial



The Trout Creek Recreation Center will be directly connected to the new Class I paved path running through the center of Tahoe Donner. This will provide new opportunities and better connectivity to the recreation center and the south side of Tahoe Donner with a new connection to Swiss Lane.

Downhill Ski Area Aerial



The downhill ski area is currently an under-utilized area in the non-winter months. Proposed trails will not interfere with winter operations and existing infrastructure. The new trails will allow the possibility to run the Eagle Rock Chairlift for hikers and bikers in the summer.

Euer Valley East Aerial



The north end of Euer Valley has many opportunities for trail users. Enhanced equestrian only connection will be provided through Rawhide Trail into a new opportunity zone located between Quickdraw and Broken Spoke. Multi-use trail connections will be provided between Cinnamon Twist, Sidewinder, and East Mustang Sally. A new trailhead with vault toilets and picnic area can be located on the north side of the Prosser Creek Crossing near the end of Sidewinder Trail.

Northwoods Clubhouse Aerial



Northwoods Clubhouse will be directly connected to the new Class I paved path running through Tahoe Donner, enhancements to family focused trails connecting to East Perimeter Trail is also proposed.