MAMMOTH LAKES RECREATION

Mammoth Trails Committee Agenda

Thursday, April 11, 2024, 3:00 p.m.

437 Old Mammoth Road, Suite Z, Mammoth Lakes

Members of the Committee

Committee Member Bill Sauser, Committee Member Rob Patterson,
Committee Member Elise Howell, Committee Member Spencer Ostergaard,
Committee Member Caroline Britton, Vice Chair Michael Draper, Chair John Connolly

NOTE: In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Town of Mammoth Lakes at (760) 965-3600. Notification 24 hours prior to the meeting will enable the Town to make reasonable arrangements to ensure accessibility to this meeting. (28 CFR 13.102-35.104 ADA Title II)

NOTE: Materials related to an item on this agenda submitted after distribution of the agenda packet are available for public inspection in the Town Offices located at 437 Old Mammoth Road, Suite 230 during normal business hours. Such documents are also available on the Town of Mammoth Lakes website at www.townofmammothlakes.ca.gov subject to staff's ability to post the documents before the meeting.

NOTE: You may watch this meeting live through the online eSCRIBE system here: https://pub-townofmammothlakes.escribemeetings.com, on the local government cable channel 18, or by utilizing the Zoom link below.

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1. CALL TO ORDER
2. PUBLIC COMMENTS

   Public comments may be submitted before or during the meeting via email to the Town's Assistant Clerk, Angela Plaisted at clerk@townofmammothlakes.ca.gov, or they may be made in person in Suite Z or by "Raising" your hand if logged into the meeting via Zoom. All comments will be limited by the Chair to a speaking time of five minutes.
3. CONSENT AGENDA
   - 3.1 Approve the minutes of the Regular Meeting of February 8, 2024
4. PRESENTATIONS
   - 4.1 Recreational Trails Concept in South Mono County
   - 4.2 Mammoth Mountain Ski Area (MMSA) Main Lodge Redevelopment
5. REPORTS
   - 5.1 Winter Trail Counter Data Report
   - 5.2 Trails Program Manager Report
   - 5.3 Town of Mammoth Lakes Trail System Master Plan (2011) Update
   - 5.4 Outdoor Recreation Coordinator Update
   - 5.5 Fiscal Year 2023/24 Budget Report through May 31, 2024
   - 5.6 Office of Outdoor Recreation Manager Update
6. POLICY MATTERS
   - 6.1 Committee Recommendation to Pursue Possible Purchase of Non-motorized Grooming Machine
   - 6.2 Committee Recommendations to Pursue Inclusion of "Minaret Vista Trail" into U.S. Forest Service Trail System
7. COMMITTEE MEMBER REPORTS
8. REQUEST FOR FUTURE AGENDA ITEMS
9. ADJOURNMENT

   The Committee will adjourn to a regular meeting to be held on June 13, 2024.

Mammoth Trails Committee

Minutes of Regular Meeting

February 8, 2024, 3:00 p.m.
437 Old Mammoth Road, Suite Z, Mammoth Lakes

Members Present:	Committee Member Dan Holler, Committee Member Spencer Ostergaard, Committee Member Michael Draper, Vice Chair John Connolly, Chair Caroline Britton
Members Absent:	Committee Member Bill Sauser, Committee Member Elise Howell

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1. CALL TO ORDER

Chair Caroline Britton called the meeting to order at 3:02 p.m. in the Council Chamber, 437 Old Mammoth Road, Mammoth Lakes.

2. PUBLIC COMMENTS

There were no comments given at this time.

3. CONSENT AGENDA

Moved by Committee Member Dan Holler
Seconded by Committee Member Spencer Ostergaard

Approve the Consent Agenda.

For (5): Committee Member Dan Holler, Committee Member Spencer Ostergaard, Committee Member Michael Draper, Vice Chair John Connolly, and Chair Caroline Britton

Absent (2): Committee Member Bill Sauser, and Committee Member Elise Howell

Carried (5 to 0)

3.1 Approve the minutes of the Regular Meeting of October 9, 2023

3.2 Approve the minutes of the Regular Meeting of December 14, 2023

4. REPORTS

4.1 Trails Program Manager Update

Town of Mammoth Lakes (TOML) Trails Program Manager Andrew Mulford and Office of Outdoor Recreation Manager Lawson Ref outlined the information in the Trails Manager Report.

There was discussion between TOML staff and members of the Committee.

5. POLICY MATTERS

5.1 Introduction and Overview of New Town Ordinance No. 24-02 Vehicles on Trails, Multi-use Pathways (MUPs), and Sidewalks

TOML Office of Outdoor Recreation Manager Lawson Reif outlined the information in the TOML Staff Report and TOML eBike Ordinance OR24-02, both of which were originally presented at the January 3, 2024 Town Council meeting.

PUBLIC COMMENT:

Caltrans District 9 Active Transportation and Complete Streets Portfolio Support Manager Andrew Besold spoke in support of the speed limit set in the ordinance and said that he felt it was the speed, not the mode of the vehicle, that caused problems. Mr. Besold voiced concern over the definition of eBike that was used in the ordinance and discussed the differences between the three classes of eBikes.

There was discussion between Mr. Reif, Mammoth Lakes Recreation Program Director Kim Anaclerio, and members of the Committee.

5.2 Annual Review of Committee Member Terms and Standing Rules

Chair Caroline Britton thanked Committee Member Dan Holler for his service on the Committee and everything he had done for our community. Ms. Britton asked who would be the TOML appointee upon Dan's retirement. She outlined the information in the Committee Member Terms and Standing Rules.

Program Director Kim Anaclerio provided additional information on the Committee's rules related to term limits.

There was discussion between Ms. Anaclerio and members of the Committee.

5.3 Nomination and Appointment of Chair and Vice Chair

Chair Caroline Britton outlined the information in the staff report.

There was discussion between Program Director Kim Anaclerio and members of the Committee.

Moved by Committee Member Dan Holler
Seconded by Chair Caroline Britton

Appoint Vice Chair John Connolly as the Chair, and Committee Member Michael Draper as the Vice Chair of the Mammoth Trails Committee.

For (5): Committee Member Dan Holler, Committee Member Spencer Ostergaard, Committee Member Michael Draper, Vice Chair John Connolly, and Chair Caroline Britton

Absent (2): Committee Member Bill Sauser, and Committee Member Elise Howell

Carried (5 to 0)

6. COMMITTEE MEMBER REPORTS

Chair John Connolly announced that Mono County had a large regional trail system in the works which would be approximately 50 miles and would run from lower Rock Creek up to Mammoth Lakes. Mr. Connolly reported that he had been working with Mono County Eastern Sierra Sustainable Recreation Coordinator

Marcella Rose and said that they would roll out the proposal to the Board of Supervisors in a couple of weeks.

Committee Member Caroline Britton announced that the Eastside Velo was bringing back the Pamper Pedal on June 1st for the first time since 2018 and said that registration was available at eastsidevelo.com. Ms. Britton said that the theme was Resort Wear and that eBikes were allowed.

Committee Member Dan Holler said that he had enjoyed serving on the Committee and seeing the development of trails in a well-rounded focus from multiple trail users. Mr. Holler thanked the members of the Committee for their service.

Vice Chair Michael Draper said that he had injured his knee playing hockey at the new ice rink and looked forward to serving on the Committee.

There was discussion among members of the Committee.

7. REQUEST FOR FUTURE AGENDA ITEMS

There was discussion between TOML staff and members of the Committee. The April agenda will include an update on the Trails Master Plan, the Main Lodge Redevelopment, and an update on the proposed Regional Trail.

8. ADJOURNMENT

The Committee adjourned the meeting at 4:22 p.m. to the next regular meeting scheduled to be held on April 11, 2024.

Angela Plaisted, Assistant Clerk

TOWN OF MAMMOTH LAKES STAFF REPORT

Title: Recreational Trails Concept in South Mono County

Meeting Date: April, 11 2024

Prepared by: Andrew Mulford, Trails Program Manager

CSA 1 has been working in earnest on a recreational trails concept in and around the Crowley Lake community. This trail network hopes to provide the much desired connectivity from Lower Rock Creek Trail to Crowley Lake and further north to Mammoth Lakes. These trails would be non-motorized multi use facilities and would largely be established on Inyo National Forest owned land.

Community Service Area 1
CSA1 Trails

1) CSA1 Overview, Planning, & Goals

2) Trail Planning Efforts
   - Short Term (1-2 years)
   - Mid Term (2-10 years)
   - Long Term (10-20 years)
   - Partners / Next steps
   - Info

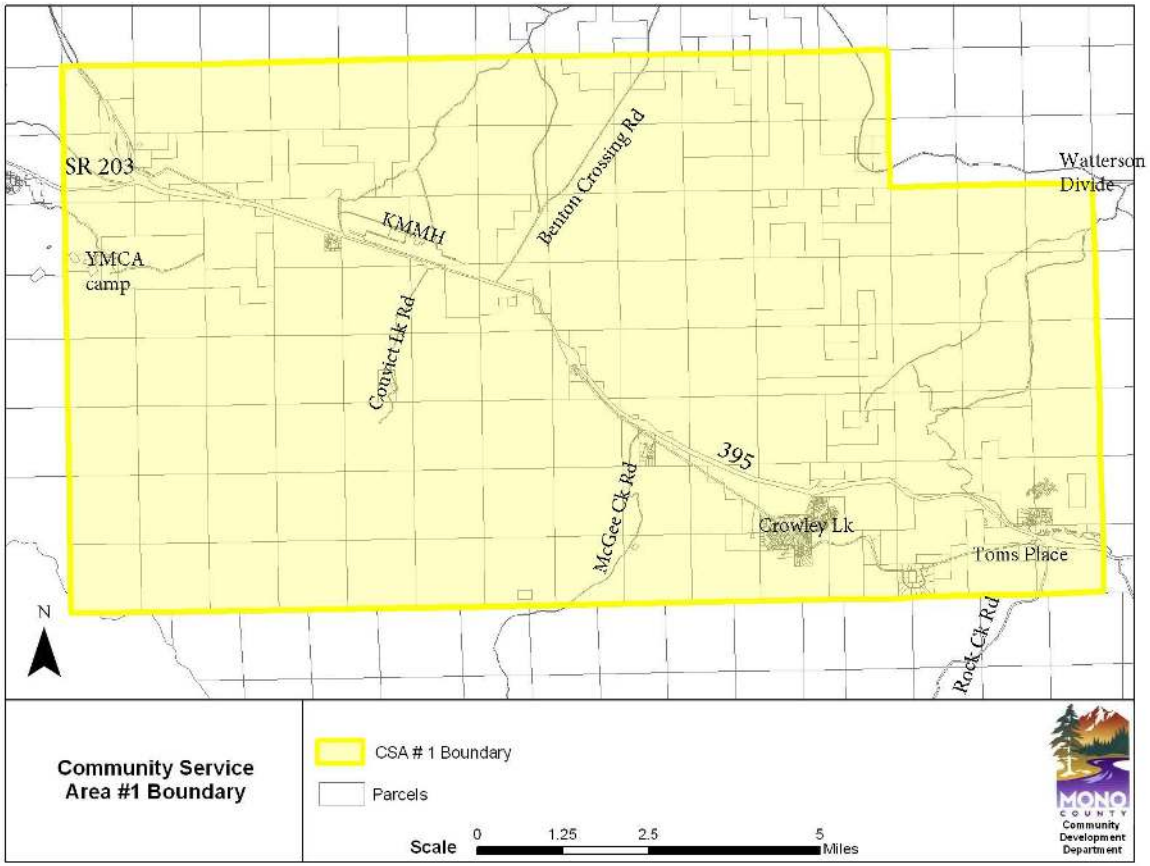


CSA1 Trails

Overview CSA1

- CSA1 is a dependent district of Mono County Government servicing CSA1 residents (Long Valley, McGee Creek, Crowley Lake, Aspen Springs, Toms Place/Sunny Slopes)
- The initial trail efforts will be adjacent to our communities
  - ✓ for residents and visitors,
  - ✓ future trails will connect communities, existing recreational infrastructure, and
  - ✓ provide additional economic benefit to area businesses
- The Mono County Sustainable Outdoors and Recreation (MCSOAR) program is a fundamental part of this effort
- All concepts are on federal land and some bisect city land (LADWP)

CSA1 Boundary



CSA1 Trails

Goals CSA1 Trails Planning Efforts

Goals

- Support and advance new multi-use trails for all non-motorized users
- Build 50 miles of new trails within CSA 1 Boundaries
- Utilize existing public facilities (parks, campgrounds, trailheads, parking areas) as access nodes and tie trails into these facilities

Financial

- CSA1 will pay for design, permitting, construction & on-going maintenance

CSA1 Trails

Short Term (1-2 yrs)

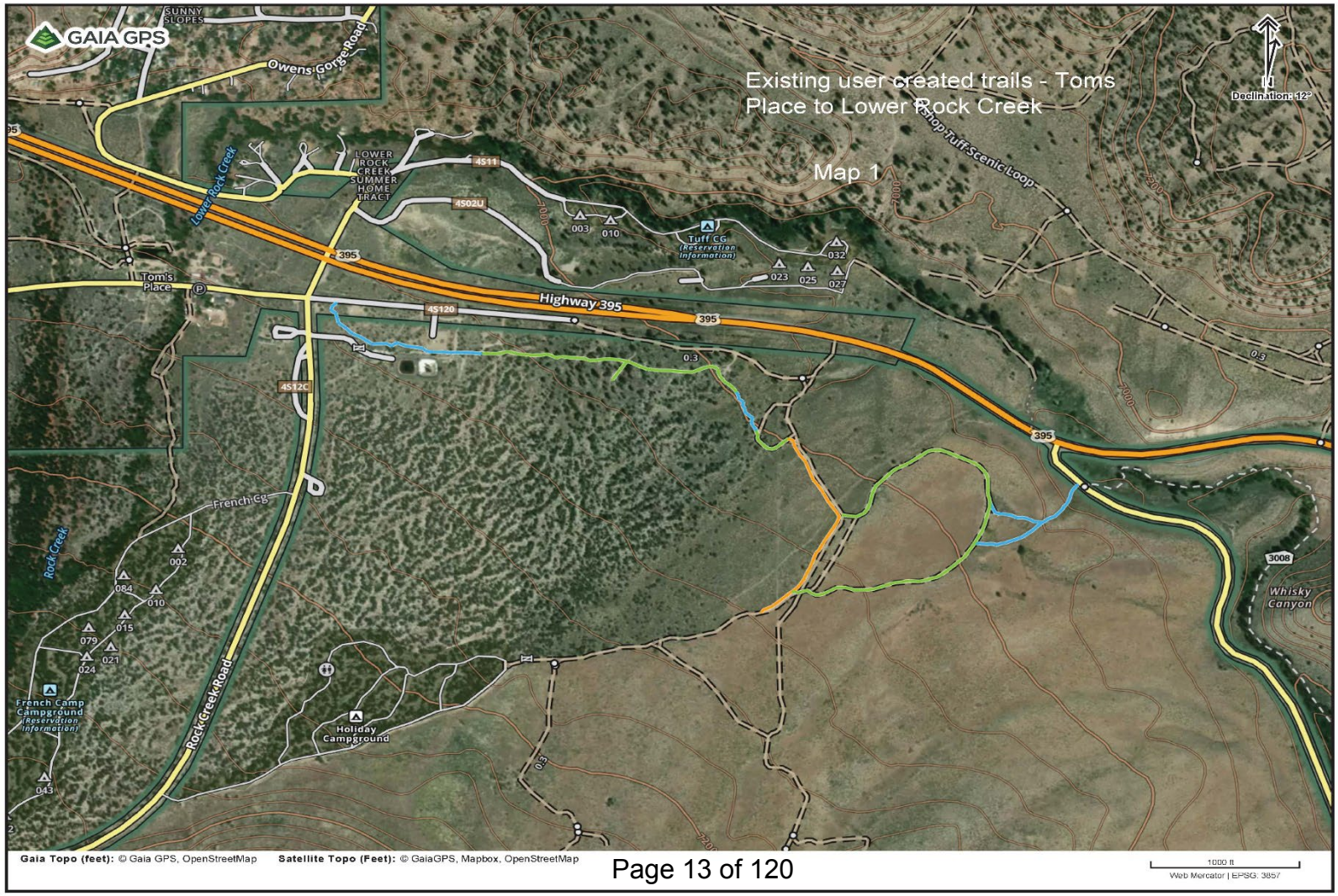
Toms Place connector & Hilton/BLM trails

1) Approximately 1.3 to 1.6 miles of user trail, existing Forest Service roads and or utility easements

2) existing 1.3 mile trail from the Hilton Creek Trailhead, west above the Crowley Lake BLM Campground

CSA1 Trails

Toms Place to Lower Rock Creek connector



Toms Place to Lower Rock Creek connector

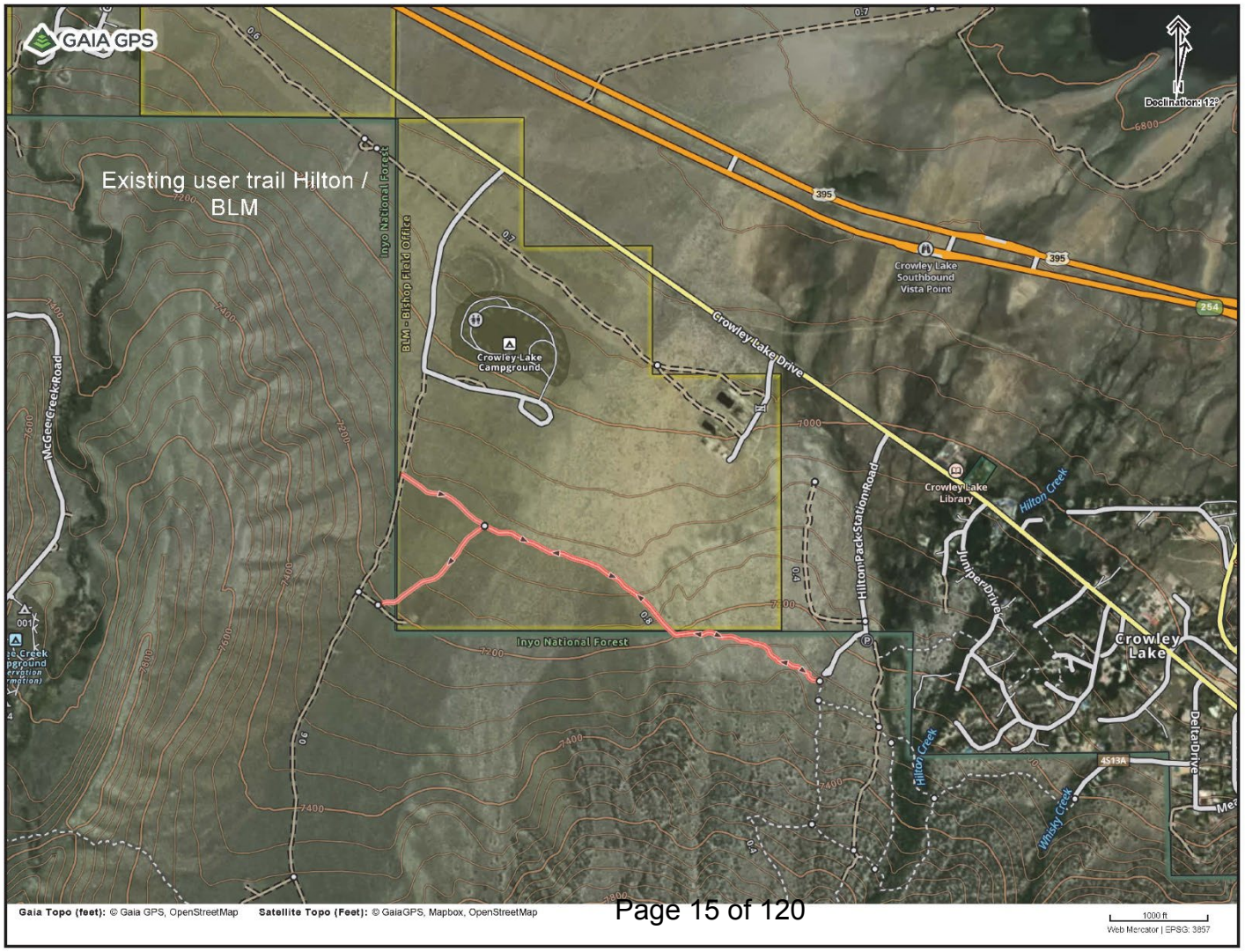






CSA1 Trails

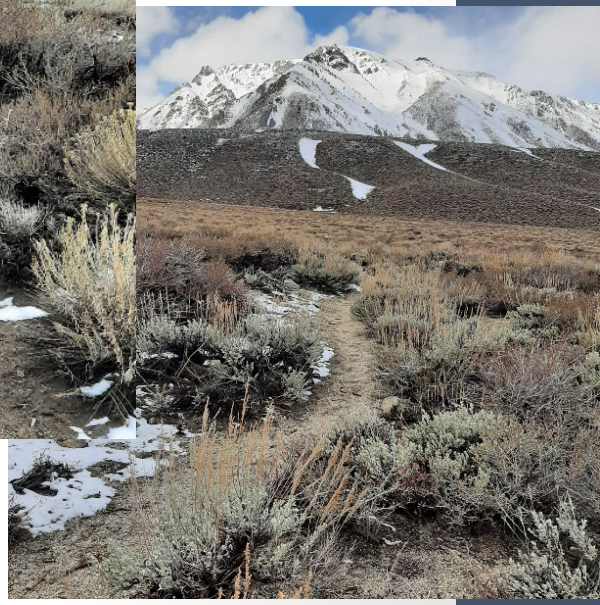
Hilton / BLM trail



Hilton / BLM trail









CSA1 Trails

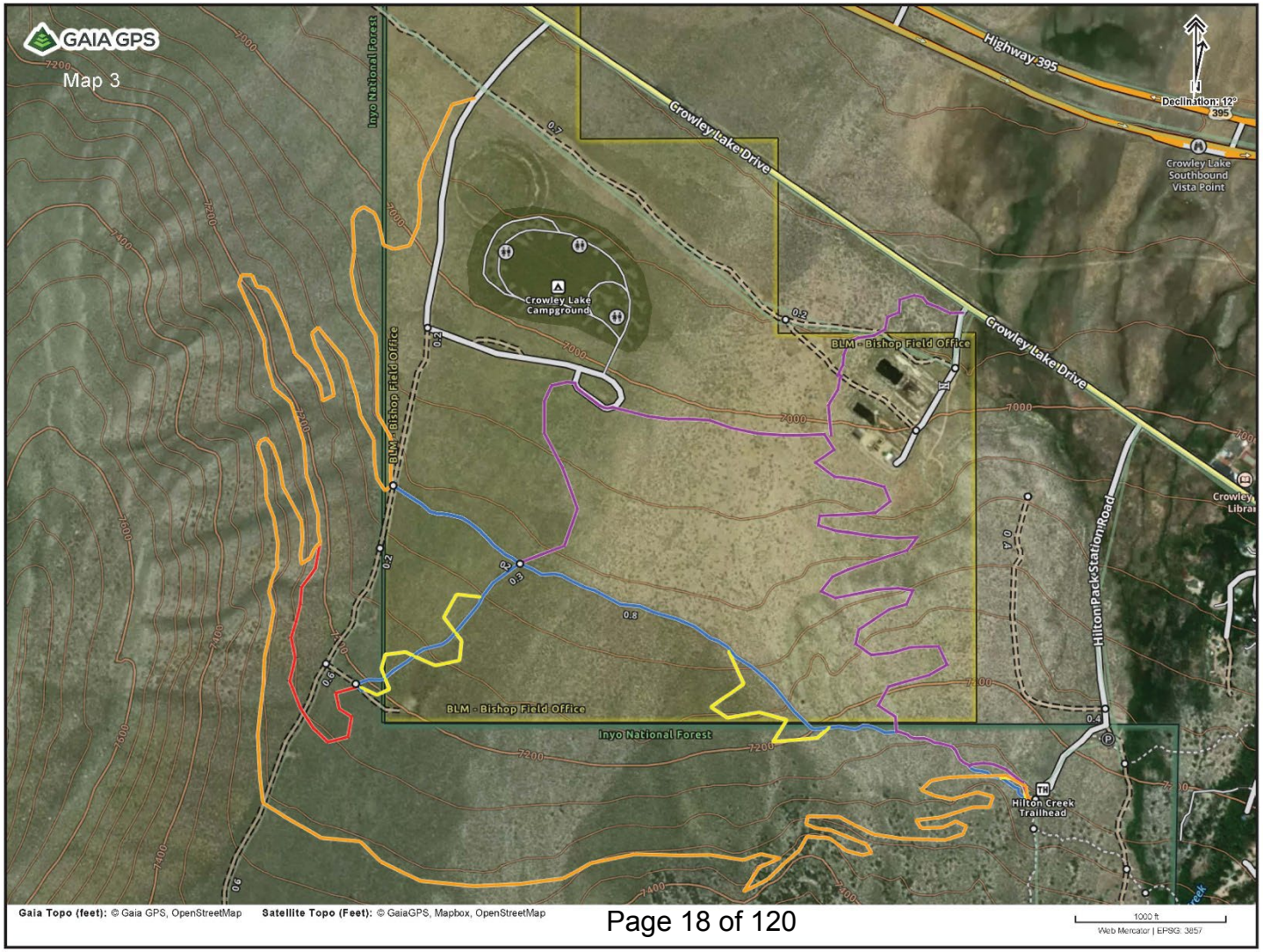
Mid Term (2-10 yrs)

conceptual

The glacial moraines of Rock Creek, Hilton Creek, McGee Creek, and Convict Creek are great areas to build a stacked loop system close to our communities and or campgrounds.

CSA1 Trails

Mid Term expansion – only conceptual



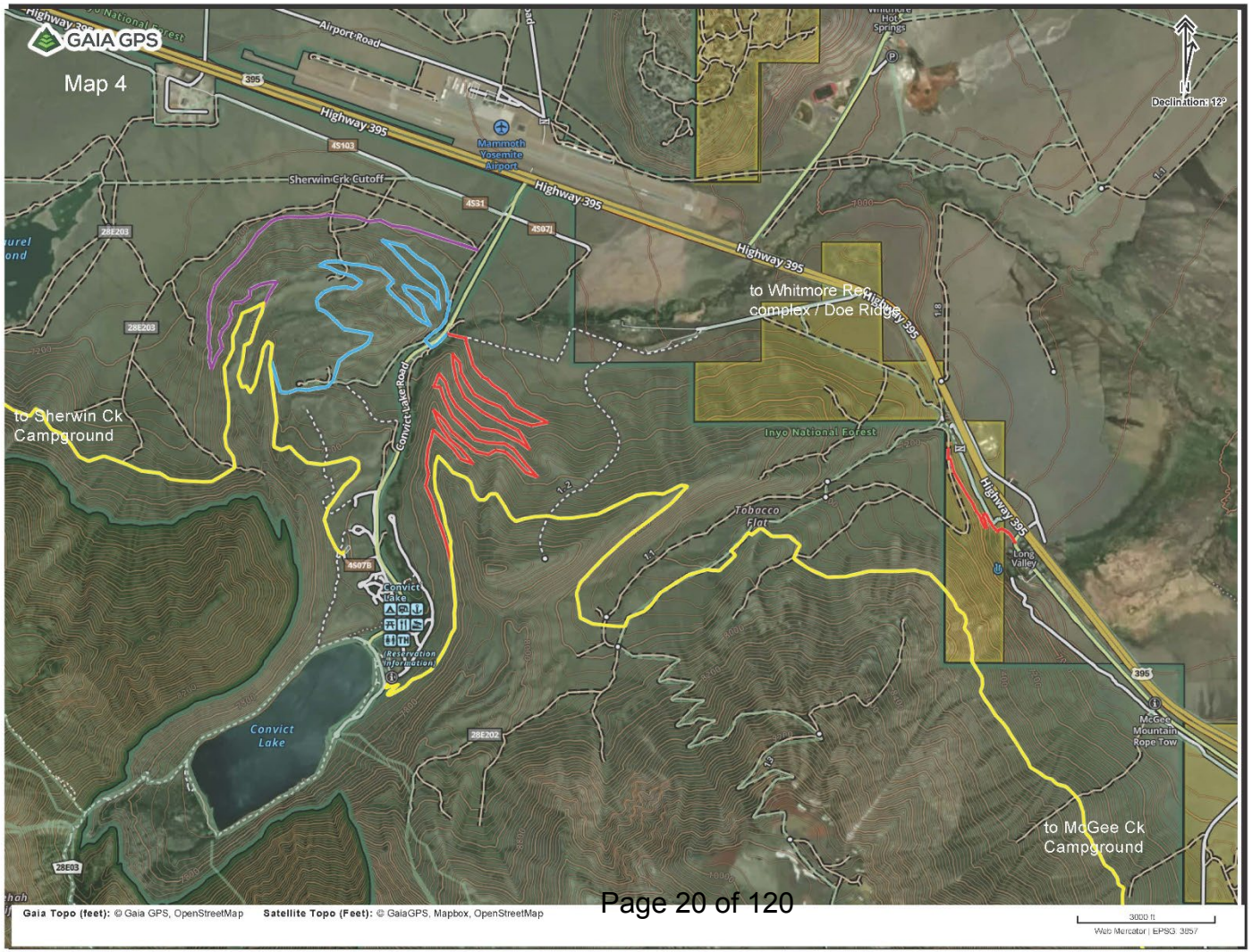
CSA1 Trails

Long Term (10-20 yrs)

- A long range goal would be to link Mammoth Lakes to Toms Place
- Non-motorized multi-use trail following the 7,600 foot contour
- The 7,600 contour trail concept – <u>feasibility is unknown</u>
  - ✓ environmental costs and constraints,
  - ✓ costs to build and maintain, and
  - ✓ public support and or opposition

CSA1 Trails

7,600 foot trail in yellow – Convict Lake Area - conceptual



CSA1 Trails

Regional Partners / Next Steps

- Board of Supervisors support with Sustainable Outdoors and Recreation program,
- Federal Land Mangers, INF & BLM
- LADWP, Tribes, TOML, ESCOG
- user groups, clubs, & non-profits,
- Hopefully, future construction, re-routes, signage (1st two existing trails)

Future

- Additional trails for Hilton Creek and McGee Creek moraines,
- 7,600 foot contour trail as long term project
- Link into regional efforts - Towns to Trails, others

More Info

Join us!
Help us spread the word.

Instagram - eastsidetrails

Email address:
eastsidetrailassociation@gmail.com

CSA1 webpage

https://monocounty.ca.gov/csa1

Questions



Thank you!



TOWN OF MAMMOTH LAKES STAFF REPORT

Title: Mammoth Mountain Ski Area (MMSA) Main Lodge Redevelopment

Meeting Date: April 11, 2024

Prepared by: Lawson Reif, Outdoor Recreation Manager

MMSA, in conjunction with the Inyo National Forest, has begun the environmental review process for the Mammoth Main Lodge Redevelopment. The Office of Outdoor Recreation (OOR) has been engaging in the early stages of this process and is seeking additional input from the Mammoth Trails Committee (MTC). This process will take years, and this will not be the only time the OOR seeks input and/or suggestions from MTC. While this project remains in its infancy, redevelopment of this size will have large scale effects to adjacent recreation resources. As such, an overview of the project will be presented along with current suggestions to mitigate recreation impacts as we know them currently. Lastly, the OOR is seeking input from MTC on various aspects of the project.

Planning Department
Mammoth Resorts, LLC
Post Office Box 24
10001 Minaret Road
Mammoth Lakes, CA 93546
Telephone – 760.934.0740
Email – thodges@mammothresorts.com

April 29, 2022

Lesley Yen
Forest Supervisor
Inyo National Forest
351 Pacu Lane, Suite 200
Bishop, CA 93514

Re: Mammoth Main Lodge Redevelopment – Project Proposal Letter Submittal

Dear Supervisor Yen:

Subsequent to the Inyo National Forest's (INF) acceptance of Mammoth Mountain Ski Area's 2022 Master Development Plan (2022 MDP), Mammoth Main Lodge Redevelopment, LLC ("MMLR", a wholly owned subsidiary of Mammoth Mountain Ski Area, LLC ("MMSA")) and MMSA request the U.S. Forest Service initiate an environmental review of certain specific projects outlined in the 2022 MDP. The proposed projects are within the existing Special Use Permit (SUP) area, adjacent National Forest System (NFS) lands outside of the SUP area, and private lands that contain the existing base area.

In summary, MMLR proposes to improve the guest experience through projects within private Parcels A and B and connected actions within the existing MMSA SUP boundary. The proposed projects also include additional beginner terrain and lifts, which are not connected to the private parcel development. Background, purpose and need and a detailed description of the individual project components is included in Appendix A. Project locations are depicted in Project Proposal Figures 1-9. This description of projects is organized in a way that distinguishes projects that would occur on NFS lands and those that would occur on private land. We understand that actions on private lands will be subject to review under the California Environmental Quality Act (CEQA) and accordingly have copied the Town of Mammoth Lakes on this transmittal (refer to the Private Land Development section in Appendix A for private land project descriptions). We believe you will find that the organization of Appendix A facilitates easy review of these distinct but intertwined actions.

MMLR and MMSA greatly appreciate the efforts the INF has provided in the review and acceptance of MMSA's 2022 MDP and looks forward to initiating this next step. Additionally, we appreciate the Town of Mammoth Lake's involvement in this process and look forward to continuing our partnership through forthcoming NEPA and CEQA processes.

In addition to NEPA and CEQA, we also acknowledge that there may be separate authorization instruments (e.g., easements). In your reply to this letter, we would appreciate additional information on what these instruments may entail.

To facilitate this NEPA process, MMLR understands that the INF will require that we enter into a Cost Recovery Agreement to reimburse the INF for its time/expenditures throughout the process. As you know, we have retained the third-party NEPA contracting services of Ascent Environmental Inc. and SE Group to assist in the NEPA and CEQA processes and the preparation of the environmental analysis/documentation.
We are available to provide additional information or details as may be helpful to your review.

Respectfully submitted,

Ron Cohen
President & COO
Mammoth Mountain Ski Area, LLC



Tom Hodges
Vice President
Mammoth Main Lodge Redevelopment, LLC

cc: Fred Wong, District Ranger, Mammoth Lakes Ranger District
Tyler Lee, Permit Administrator, Mammoth Lakes Ranger District
Janelle Walker, Region 5 Mountain Resorts Program Manager
Sandra Moberly, Community and Economic Director, Town of Mammoth Lakes

Appendix A

Introduction

This appendix includes helpful background information, the general purpose and need for the project, and detailed descriptions of the proposed project components. To facilitate both Forest Service and Town of Mammoth Lakes review of this information, we have structured this appendix in a way that describes projects with regard to their location on private or National Forest System (NFS) lands. Unless specified, all other information is pertinent to both parties.

Background

The private parcels involved in this project are those that were transferred out of federal ownership in the recently completed Mammoth Base Land Exchange. The exchange was completed in March 2020 and included an exchange of 35.7 acres of United States Forest Service (Forest Service) land for 1,213.2 acres of private land. This land exchange included two parcels of land, Parcel A (20.45 acres) and Parcel B (15.25 acres), which are located on what was previously an area of NFS land within the Mammoth Mountain Ski Area (MMSA) Special Use Permit (SUP) boundary. Parcels A and B are now private land owned by Mammoth Main Lodge Redevelopment, LLC (MMLR, a wholly-owned subsidiary of MMSA) as a result of the land exchange. These parcels contain existing parking lots, guest service facilities, lodging, and sewage treatment ponds and would be redeveloped as part of the currently proposed Main Lodge Redevelopment project. Refer to **Figure 1** for a depiction of existing land ownership boundaries and Forest Plan Management Areas.

The Land Exchange Environmental Impact Statement (EIS) states that the "redevelopment of the base area currently on Federal lands would be a Reasonably Foreseeable Future Action if the exchange were to be approved."[1] The goals of the Mammoth Base Land Exchange were to improve administrative needs of MMSA and the Forest Service and to enhance the economic and community needs within Mammoth Lakes and Mono County, California. MMLR's plan to develop parcels A and B as part of the Mammoth Main Lodge Redevelopment project aligns with the goals of the Land Exchange EIS by improving the visitor experience at MMSA (a visitor experience which heavily involves visits to National Forest lands), improving guest services and technical operations, and in turn offering economic benefits to MMSA, the Town of Mammoth Lakes, the Forest Service, and Mono County.

Purpose and Need

The Land Management Plan for the Inyo National Forest (Forest Plan) allocated the Mammoth SUP area as a *Destination Recreation Area*, a designation within *Sustainable Recreation Management Areas*. The theme of this management area states, "*Iconic destinations and well [known] attractions create a high demand for recreation experiences at specific locations* […] *These places, along with the close proximity to other attractions, make these destinations highly desirable*." Desired conditions for *Destination Recreation Areas* state that "*Available infrastructure and amenities are consistent with user capacity*." Additionally, a large portion of land adjacent to the existing MMSA SUP area is designated *General Recreation Area* by the Forest Plan. The desired conditions for *General Recreation Areas* state, "*This area offers opportunities for expansion of recreational opportunities."*

[1] https://opr.ca.gov/docs/NEPA_CEQA_Handbook_Feb2014.pdf

In accordance with the desired conditions of these management areas and their focus on meeting recreation demands, MMLR proposes to improve its recreational offerings with the proposed action, which includes an expansion of its SUP boundary into an existing *General Recreation Area*. The proposed action is consistent with all management direction provided by the Forest Plan within the existing SUP area and in the area of proposed development beyond the current SUP area.

The **purpose** of the proposed action is to enhance the guest experience of MMSA's day-use and overnight clientele.

The proposed action is **needed** to:

1. Renew and improve guest services, guest circulation, accommodations, and portal staging capacity in the Main Lodge Base area;
2. Expand guest services offerings to meet increased demands; and
3. Offer learning progression opportunities for lower ability level skiers through enhanced skier services, improved terrain, and additional lifts.

To meet these needs and best utilize the public and private lands within the Main Lodge Base area, key infrastructural changes are being proposed. These changes include roadway realignments, lift realignments, additional utility corridors, parking areas with improved access to lifts, a water tank with a gravity fed system to comply with building codes and provide fire suppression capabilities, and water storage facilities for snowmaking, irrigation, and fire prevention/suppression. These proposed changes are necessary to address aging infrastructure, meet anticipated recreation demands, and create the desired conditions for this management area. To best utilize lands in the base area, certain project components would be located on NFS land or relocated from private land to NFS land. These changes are intended to improve guest circulation, operational efficiencies, fire safety, and ski area access. All infrastructural changes are described in detail in the following paragraphs.

Federal and State Guidance

The proposed improvements in this document constitute a federal action, which has the potential to affect the quality of the human environment on public lands administered by the United States Forest Service (Forest Service). Therefore, these projects must be analyzed pursuant to the National Environmental Policy Act of 1969 (NEPA). Under NEPA, federal agencies must carefully consider environmental concerns in their decision-making processes and provide relevant information to the public for review and comment.

The California Environmental Quality Act (CEQA) is similar to NEPA in its intent and review process. CEQA applies to all California state, regional, or local agencies who propose a project that "may have a significant effect on the environment" (per Public Resources Code § 21082.2(a) & (d)).[2] CEQA does not apply to federal agencies. The projects described in this document that would occur on private land are subject to CEQA and are appropriate to be addressed in the Specific Plan through CEQA as well as in this EIS.

Lead NEPA and CEQA agencies have the authority to determine which level of environmental review is appropriate for a project. In some cases, a joint NEPA/CEQA process will be pursued if a project will clearly have one or more significant impacts. This document focuses primarily on the proposed projects on NFS land, however, because of the impacts of and relationship between the proposed projects on NFS lands and the proposed projects on private land, a joint NEPA/CEQA analysis is necessary for these

[2] https://www.fs.usda.gov/project/?project=30428

projects. The separate "Project Description" described in the CEQA Specific Plan provides more details of all improvements planned on parcels A and B. The projects proposed on private land and the specific project components that are considered *connected actions* with private land development are identified in the following sections.

Private Land Development

The Main Lodge area experiences a high volume of guests across all four seasons. It is a popular entry point onto the mountain and the surrounding public lands but in many cases has dated and limited infrastructure to support the influx of guests. MMLR plans to address these issues by developing Parcel A and Parcel B and providing redeveloped and additional lodging and guest services facilities. These facilities are needed to meet the anticipated guest demand at build-out. Refer to **Figures 8 and 9** for a depiction of existing and proposed conditions on the private parcels.

The existing buildings and parking lots within Parcel A would be replaced by improved lodging and skier service facilities and supporting infrastructure to create a cohesive base area village. The new configuration of Parcel A would remove the numerous existing architectural barriers and replace them with a seamless connection between a pedestrian plaza in the center of the village and the improved ski frontage (the "ski beach") described in the *Projects on NFS Lands* section below. The existing wastewater treatment facilities within Parcel B would be reconfigured to accommodate the development of limited residential lots on the parcel as well as an upgraded wastewater treatment plant (WWTP) and up to 15 million gallons of on-site tertiary treated effluent storage to serve MMSA's needs. The neighboring private chalets that currently exist under a separate Forest Service SUP unrelated to MMSA or MMLR would remain subject to the terms and conditions of their respective permits, but will be benefitted by the provision of upgraded utilities and access. This section provides a brief description of the projects proposed on the private parcels for context, however, as mentioned earlier, more detailed descriptions of the private parcel development projects will be included in the CEQA Specific Plan.

RESIDENTIAL

Plans for Parcel A development include eight buildings that would offer accommodations in addition to other services. At buildout, these facilities would accommodate up to 2,000 overnight guests in 482 planned lodging and residential units (refer to **Figure 8**). Additionally, Parcel B would be developed with 15 residential lots (refer to **Figure 9**). The lodging improvements on parcels A and B would increase the accommodation capacity in the Main Lodge area up to approximately 2,000 overnight guests from the existing 784 overnight guests, a maximum net increase of approximately 1,216 overnight guests.

COMMERCIAL

Commercial facilities are proposed in all buildings within Parcel A. Services in these facilities include mercantile retail outlets, a fitness and spa center, food and beverage, entertainment and event space, and an adventure center. Most skier services such as ticketing, ski school, and rentals would be located off of Parcel A in the Skier Services Building (SSB) on NFS lands, described under the *Projects on NFS Lands* section below. This configuration of commercial space with Parcel A and the location of the SSB would allow for an optimized arrival experience for day-guests and also meet the demands of overnight guests. Commercial activity for overnight guests would be centralized within Parcel A, while the SSB is located at the bottom of ski terrain, adjacent to the shuttle stop and short-term parking area (discussed in the following *Parking* and *Transit* sections), and on the eastern side of the base area for guests parking along

Highway 203. This would allow day-guests to easily access this building while also providing convenient access for overnight guests accessing the resort from the private parcels.

HIGHWAY 203 RELOCATION

In order to optimize vehicle flow, avoid congestion, and improve pedestrian safety, MMLR proposes to reroute Highway 203. The reroute would only move the section of the highway that passes along the southern boundary of Parcel A, which would be rerouted within the northern and western portions of Parcel A. The road would be a two-lane stretch of roadway with two 15-foot travel lanes and a 5-foot uphill bike lane. The proposed plan includes several access points into parking, residential, and lodging facilities on Parcel A. A shuttle stop and temporary parking area would also be constructed between Parcel A and the proposed skier services building within the existing SUP area. Additionally, MMLR proposes to construct a pedestrian walkway on the southern side of the road to provide safe pedestrian access into and around Parcel A. The realigned roadway would provide improved year-round access to the Mammoth Mountain Chalets SUP area as well.

This project would provide space for improved parking areas and shuttle stops along the road to improve skier and traffic circulation (refer to **Figure 5**). Additionally, it would allow for a portal between the ski beach and the main village area in the winter and summer seasons (refer to **Figure 8**). The realignment would greatly improve the arrival experience of guests while complimenting other projects that are intended to enhance the Main Lodge staging capacity. In order to construct and maintain the roadway, MMLR would collaborate with CalTrans, Town of Mammoth Lakes and the Forest Service. To facilitate this cooperation, MMLR anticipates that CalTrans and the Town of Mammoth Lakes will be engaged in the environmental review process as cooperating agencies. Further details on the technicalities regarding ownership and maintenance will be developed with stakeholder agreements as the NEPA/CEQA process continues.

ARRIVAL

Parking

Under the proposed development plan for parcels A and B, all of the existing private vehicle spaces on the private land parcels would be replaced by facilities and accommodations that are intended to improve the guest experience. Several new underground parking garages are proposed to provide parking for guests in the Main Lodge Base Area. Most of these spots are planned primarily to serve as spaces for overnight guests, but some may be available for day users and employees depending on usage patterns. Short-term and drop-off parking would also be provided immediately to the east of the newly proposed SSB described under the following *Projects on NFS Lands* section.

Additional parking facilities would support increased portal staging capacity, which accounts for private vehicle parking as well as transit, private vehicle drop-off, and skiers within walking distance.

Transit

As seen in **Figure 8**, there is an arrival plaza proposed on the eastern edge of Parcel A for short-term parking as well as transit and charter bus drop offs. Under this configuration, Charter buses could park at either Big Bend Parking Lot for the day or Parcel B as space may allow. This project would support additional employee and guest arrival capacity, reduce the potential for increased vehicle miles traveled, and would help to improve transit services at MMSA.

INDUSTRIAL USES

MMLR proposes the inclusion of the following industrial uses on Parcels A and B to help support the other proposed uses of the site. This includes: WWTP facility, Facilities Maintenance Shop, Sign Shop, Telecom Shop, Mercantile Distribution, Equipment Maintenance Garage, Fleet Fueling Station, Solid Waste Recycling Facility, and Laundry Facility. Facilities of these types currently exist in some form on Parcels A and B.

SUPPORTING INFRASTRUCTURE AND UTILITIES

The proposed projects on Parcels A and B would increase the demand for utilities such as sewage, electric, water, and communications. Plans for Parcel A include a new utility distribution sub-station to supply power to the proposed village and removal of existing propane tanks and lines to accommodate additional infrastructure and centralize the locations of tanks at MMSA. Refer to the *Projects on NFS Lands* section below for more information on these projects and the associated utilities proposed on NFS lands.

On Parcel B, existing wastewater treatment is accomplished through open retention and settlement ponds entirely located within the parcel. The proposed development projects would use Parcel B for residential development, while also creating a need for an upgraded WWTP in the area. MMLR proposes to reconfigure its existing WWTP within Parcel B to serve wastewater management needs within the private parcels and from facilities on NFS lands, including the SSB and mid-mountain lodges as well as the Mammoth Mountain Chalets.

The proposed on-site wastewater treatment, reclamation, storage, and reuse would use approximately 7 acres of land within Parcel B. Components of this project include on-site packaged wastewater treatment plant modules housed within a new building, pump stations, irrigation and equalization systems, disposal sites, odor and FOG control systems, a spray irrigation system, and an effluent storage reservoir (refer to **Figure 9**). Treated wastewater would then be reused for snowmaking and summer irrigation purposes, as described in the following sections.

Two ponds with a combined capacity of 15 million gallons are also planned on Parcel B for additional reclaimed water storage. As described in the following *Projects on NFS Lands* section, this water could be used for irrigation, snowmaking and wildfire fighting response purposes.

Connected Actions

The Council on Environmental Quality (CEQ) has regulations for implementing NEPA that require federal agencies to consider the following types of actions and impacts in an environmental document.[3]

Actions

1. *Connected Actions*: actions that are dependent on each other for their utility.
2. *Cumulative Actions*: actions which, when viewed with other proposed actions, have cumulatively significant impacts and should, therefore, be discussed in the same impact statement.

[3] 40 CFR 1508.25

3. *Similar Actions*: actions which, when viewed with other reasonably foreseeable or proposed actions, have similarities that provide a basis for evaluating their environmental consequences together.

There are several projects within this proposal that would be considered *connected actions* with the private land development described above. These are projects that would not have utility without the development of projects on private parcels. Projects on NFS land that are connected to the development of parcels A and B are:

- Removal of the existing road and construction of the new road connecting parcels A and B
- Construction of a snowmobile crossing under the road connecting parcels A and B
- Modifications to and construction of utility lines serving both private parcels. This does not include the installation of the Propane tank farm, which would benefit other facilities at MMSA
- Construction of effluent discharge pipe from the WWTP to Dry Creek

Projects on NFS land that are connected to the development of Parcel A only and that would occur regardless of whether the development of Parcel B is approved:

- Modifications to and construction of utility lines serving Parcel A. This does not include the installation of the Propane tank farm, which would benefit other facilities at MMSA
- Installation of a gravity-fed water tank
- Construction of the Big Bend Parking Lot
- Construction of the Mountain Operations and Administration Headquarters
- Construction of the new Skier Services Building
- Relocating the bottom lift terminals of the Panorama Gondola and the Discovery Chair
- Development of beginner ski terrain adjacent to the new Skier Service Building down to the Big Bend Parking Lot, including the Big Bend Relayer Chairlift, Surface Platter Lift, and two moving carpet lifts.

Each project component is described in detail in the following sections.

Projects on NFS Lands

The following proposed projects would be located on existing NFS lands and are necessary in conjunction with the private land development described above to improve the guest experience, portal staging, and skier circulation in the Main Lodge area; accommodate more beginner skiers at ski school; and strengthen skier services and administrative operations at the resort.

ROAD CONNECTING PARCELS A AND B

In order to facilitate access to the water storage ponds, WWTP, and private residential parcels on Parcel B, MMLR proposes to build a new roadway connecting Parcel A and Parcel B. The existing service road in this area is a gravel-surfaced road that is steeper than the acceptable gradient for public roads. The existing road has an 18 percent grade. The new roadway would follow more gradual contours and would have a less steep gradient, generally 6 percent or less. It would be approximately 1,200 feet long and 100 feet wide, to allow for proper grading, drainage, and shoulder snow storage during the winter months. The road would be paved and designed for two 15-foot travel lanes with a 5-foot uphill bike lane and 1-foot downhill paved shoulder. As described in the following *Snowmobile Trails* section, the new roadway

construction would incorporate an underpass to facilitate continued operation of the existing USFS designated "F" snowmobile trail traversing the roadway line. Construction of this road would require vegetation clearing as well as grading in this approximately 3-acre area of disturbance. The existing gravel service road would be removed following construction of the new roadway, and relevant proposed utilities including snowmaking described in the following *Underground Utilities* section would be placed in the road corridor during the construction process.

MMLR requests a permanent easement and requests authorization for the Proposed Road Access from the Forest Service. The permanent easement would authorize MMLR to construct a road to accommodate permanent, year-round, motorized, vehicular road access (the "Proposed Road Access") to Parcel B surrounded by NFS lands managed by the Inyo National Forest. MMLR submits that its proposed use of the Property (residential and lodging area) constitutes a reasonable use and enjoyment of the Property and the Proposed Road Access route is the only route that facilitates such reasonable use and enjoyment. In reply to this proposal, MMLR requests that the Forest Service provide further details on how this road may be permitted either consistent with the mechanisms described in this paragraph or otherwise.

TRAILS

Snowmobile Trails

The existing snowmobile trails are routed between parcels A and B and are designated Trail "F" of the USFS designated snowmobile trail system. The proposed road connection between parcels A and B would intersect the existing snowmobile trails. To accommodate the trails, MMLR proposes to construct an underpass for safe snowmobile crossing.

Pedestrian Paths

To create a connection between parcels A and B, pedestrian paths are proposed. These natural surface paths would tie into the existing trail network and benefit the public by improving connectivity between Parcel B and the rest of the mountain during snow-free months. The construction of designated pathways in this area is also intended to prevent user-created trails on NFS lands. An easement or similar agreement would be necessary for the development of these pedestrian connections.

Additionally, a raised, paved sidewalk with curb and gutter that is approximately 8-feet in width is proposed along the uphill side of the roadway connecting parcels A and B to facilitate safe year-round pedestrian access between Parcel A and Parcel B.

NEW LIFTS, LIFT REPLACEMENTS AND RELOCATIONS

Magic Carpets

MMSA proposes to construct two magic carpets (surface conveyor lifts) in the Gus's Pasture area, directly northeast of the existing Main Lodge (refer to **Figure 5**). One carpet, MC1, would be 100 feet long and would have a lower slope angle for first-time skiers. The other carpet, MC2, would be 300 feet long and would have slopes with 10 percent grade to aid skier progression. This would enable skiers to start their lessons at MC1 and eventually progress to MC2, further promoting the overall suite of beginner learning opportunities in and around the base area. An extension of existing underground power lines would be required to power these magic carpets.

Currently, one magic carpet exists near the bottom of the Lower Panorama Gondola terminal. It serves skiers from the Main Lodge Base Area and Lifts 2/10 and experiences high ridership. Beginners then

progress to the Discovery Chair, which provides most of the beginner terrain on the mountain. The proposed magic carpets would supplement the existing beginner terrain under the Discovery Chair and would support a more gradual skier progression. These lifts would also support higher volumes of guests that would result from other proposed Main Lodge projects. Their location would become the primary teaching area for ski school, called Gus's Pasture, and would be adjacent to the proposed ski school building, SSB3. More information about SSB3 is discussed in the following *Facilities* section.

These magic carpet projects are independent of the Private Land Development, as they would serve the MMSA guest experience, and more specifically the purpose of offering learning progression opportunities for lower ability level skiers, with or without the base area redevelopment.

Lift 37 Surface Platter

Proposed Lift 37 would also be located in Gus's Pasture and would be accessible from each of the proposed magic carpets. MMSA proposes this lift to support the learning progression within the Gus's Pasture teaching area. The lift would be a surface platter lift 500 feet in length and would provide access to slopes of 12 percent grade. After skiers progress from MC1 to MC2, they would be able to take the platter lift to continue their learning progression. An extension of existing underground electric lines near the base area would be required to supply electricity for this lift as well.

This lift project is independent of the Private Land Development, as it would serve the MMSA guest experience, and more specifically the purpose of offering learning progression opportunities for lower ability level skiers, with or without the base area redevelopment.

Big Bend Relayer Lift

MMSA proposes to install a new detachable four-person lift, the Big Bend Relayer or Lift 36, from the base of Gus's Pasture to the intersection of *Jill's Run* and *St. Moritz* trails. It would be approximately 1,100 feet in length and would provide direct access from the proposed Big Bend Parking Area and Mountain Operations and Administrations Headquarters to the Main Village Base Area for better skier circulation and access to and from these key staging portals. It would also service skiers using new beginner terrain, as described in greater detail below. The arrival experience and staging capacity of the proposed Big Bend Parking Area is further discussed under the following Terrain and Infrastructure heading. This lift would also receive electricity from an extension of the existing lines near the base area. The proposed lift alignment would require an approximately 40-foot-wide tree-cleared corridor and some associated grading work at the bottom and top terminals.

Existing Lift 11 Discovery Chair

The existing Discovery Chair (Lift 11) is 1,975 feet long and has a design capacity of 2,400 people per hour. It was built in 1999. It is one of the most heavily used lifts at the resort because it provides access to beginner terrain for ski school and beginner skiers. The existing bottom terminal and one lift tower are currently within Parcel A.

In order to best utilize the private land configuration, MMSA proposes to shorten the lift by moving the bottom terminal 350 feet southwest within the current alignment. This change will open up space for additional guest service facilities on private lands and help provide an enhanced arrival and accommodation experience when coupled with other private lands projects. Further, the proposed location of bottom terminal will ensure that skier circulation within the base area is not compromised.

The bottom lift terminal would be relocated within the existing MMSA SUP boundary. The shortened lift would be approximately 1,600 feet long and the lift capacity would remain at 2,400 people per hour. Construction would require approximately 20,000 yards of cubic cut and approximately 27,000 yards of cubic fill and would occur on previously disturbed lands near the base area. Existing underground electric lines that currently supply power to the lift will be rerouted to provide electricity to the proposed bottom terminal location.

Panorama Gondola

The existing Panorama Gondola is approximately 3,645 feet long and has a design capacity of 2,400 persons per hour. It was built in 1999. Similar to the existing Discovery Chair, the bottom terminal of the Panorama Gondola is currently located on private land. MMSA proposes to move the bottom terminal approximately 200 feet south into the existing SUP area. Similar to the Discovery Chair project described under the previous heading, this change will open up space for additional guest service facilities on private lands and help provide an enhanced arrival and accommodation experience when coupled with other private lands projects. Further, the proposed location of bottom terminal will ensure that skier circulation within the base area is not compromised.

In addition to moving the bottom terminal of the Lower Panorama Gondola, MMSA proposes to replace both stages of the Panorama Gondola with a higher-capacity 10-passenger detachable gondola. The Panorama Gondola is one of the most popular lifts at MMSA in the summer and winter and is reaching the end of its operational life. This replacement would address both capacity and aging infrastructure needs. The proposed gondola would be aligned immediately east of the existing gondola and would include terminal building additions to both the McCoy Station mid-gondola station and the Top Panorama Gondola building. This gondola would have a design capacity of 3,000 pph and would increase the combined capacity of both gondola stages by 390 guests per day.

Similar to the Discovery Chair, underground electricity would be rerouted from the existing line that currently powers the lift. Lift installment efforts would require grading in the areas for the proposed terminals and tree removal along the proposed lift alignment. The new lift would be installed parallel to the existing lift so that the existing lift can stay in operation through construction, as it is an essential component of both winter and summer recreation at MMSA. The existing lift would be removed after the installation of the new lift and grading would be required to create smooth surfaces in place of terminals and towers. The bottom terminal footprint would be remediated as a component of Base Area redevelopment that would occur on private lands.

TERRAIN AND INFRASTRUCTURE

Expanding terrain and infrastructure is critical to MMSA's operations over the next decade. The development of additional terrain and infrastructure would help MMSA provide an enhanced guest experience by creating better skier circulation and connectivity between key areas of the SUP area. Additionally, parking related improvements discussed in this section are intended to improve the arrival experience by creating an additional employee parking lot in the Big Bend area to ensure operational capability and improve the employee experience.

Terrain Development

MMSA proposes to construct approximately 8 acres of new ski trails within the existing SUP area, including approximately 2 acres of trail connections between the Big Bend Parking Area and Lifts 2 and 10. The ski trails would provide additional beginner terrain at the base of the mountain in the Gus's

Pasture area and facilitate connections between the proposed Big Bend parking area and the rest of the mountain. Construction of these trails would require clearing and associated grading within the proposed area.

More specifically, the proposed ski trails within the SUP area include four new beginner trails providing additional Ski School terrain and connecting existing trails to the Big Bend Parking Area to provide egress back to the proposed parking area. The projects are depicted in **Figures 3 and 5**.

Ski Beach Improvements

The ski beach is a relatively flat area between the Main Lodge and lifts. It experiences heavy ski traffic as well as congestion from guests milling and staging throughout the day. The area currently extends 60 feet between the existing Main Lodge building and Broadway Express and has only a small area where skiers can enter the mountain to access lifts, causing issues with skier access and circulation. With the previously-approved replacement of Broadway Express, proposed shortening of the Discovery Chair, proposed upgrade of the Panorama Gondola, and the proposed reconstruction of the Main Lodge, the ski beach would have a snow front of over 1,530 feet and the area would have approximately 165 feet between the snow front and the Broadway Express terminal. This would provide better access for skiers from the main village onto the mountain and would create more space for skiers to gather as they begin and end their day on the mountain, directly improving skier circulation and staging capabilities. The snow front would be on the perimeter of the village plaza, creating a portal between the mountain and the village and the transit hub. Minimal grading would be required to create a comfortable slope in the ski beach.

Snowmaking

Snowmaking is proposed along the improved ski beach, magic carpets and platter, and on the proposed ski trails near the Big Bend Relayer lift. In total, this would amount to approximately 9 acres of new snowmaking coverage. Snowmaking would provide better snow surface and early season conditions for skiers and on the ski beach area. By improving the snow surface, skier circulation and the guest arrival experience would benefit.

Expanding the snowmaking in these areas would use all existing snowmaking infrastructure but would require the installation of additional snowmaking pipes (see **Figure 7**). Five additional lines would be installed as extensions of the existing pipe system. Each pipe would be buried at a depth of approximately five feet and would have a 40-foot disturbance corridor. This additional coverage could be accommodated by MMSA's existing wells and those that were previously approved in the 2019 Environmental Assessment, which are anticipated to be constructed by the 2023/24 season.

In addition to expanding its snowmaking coverage, MMSA proposes to route reclaimed wastewater from the WWTP in Parcel B, along the proposed roadway connecting parcels A and B, and to the existing mid-mountain snowmaking reservoir by McCoy Station via a 12-inch pipeline. This would provide additional water for snowmaking and summer irrigation and would make use of recycled water generated by the WWTP. It is anticipated that tertiary treated reclaimed wastewater will significantly reduce the overall use of fresh groundwater for snowmaking (and for irrigation).

Parking

Current parking facilities at the Main Lodge Base Area accommodate up to 270 cars and 30 buses. In order to accommodate the increased guest capacity anticipated by the proposed Main Lodge Base Area

improvements and improve employee access to the resort, a new parking lot, the Big Bend Parking Area, is proposed to be constructed on NFS land. The parking lot would contain approximately 360 stalls and would be located on the southern side of Highway 203 between the Main Lodge Base Area and the Chair 2 Base Area. This area would not offer guest services but would likely have a public restroom for guests parking here. The new lot would primarily be utilized by employees starting their shifts in the proposed Mountain Operations and Administration Headquarters building described under the *Facilities* section below and would have dedicated parking for employees on an as-needed basis. By providing more spaces for employees, they would no longer need to utilize the existing guest parking along Highway 203 between the Chair 2 base and the Main Lodge Base Area. This would ultimately improve the guest experience at the Main Lodge staging portal by leaving more parking spots available for guests and would significantly improve the employee experience by locating employee parking in an area adjacent to their dedicated facilities. A consolidated employee parking area will also enhance operational efficiency on snow days/nights, allowing planned use of parking in a manner coordinated to permit 24-hour snow removal operations. MMSA acknowledges that the existing Uptown and Downtown mountain bike trails would be displaced and relocated to immediately adjacent forested areas to accommodate the planned Big Bend Parking Area.

Utilities

MMSA and MMLR propose to upgrade existing utilities in order to serve a higher capacity of guests. Refer to **Figure 6** for a depiction of existing and proposed utility lines. Specific utilities are discussed in greater detail in the following sections.

Propane

The Franchise system that AmeriGas operates in the Town of Mammoth Lakes is in need of additional storage. The system has limited private property available to house additional storage in a safe location for access by bulk propane transport trucks. Instead of expanding in the area of the existing system, MMLR and MMSA are collaborating with AmeriGas to propose a joint project to install a new propane tank farm. This would address the expansion needs of the community, the Town, and the Forest Service and would serve the proposed Main Lodge Base Area as well.

The proposed propane tank farm would be located adjacent to the existing MMSA Maintenance Garage facility. There currently exists a 20,000-gallon tank that services both the garage and Canyon Lodge. This existing tank would be removed and replaced with underground tanks with a storage capacity of up to 180,000 gallons at the new proposed tank farm location, immediately west of the existing maintenance garage driveway entrance, to serve the ultimate load of the Main Lodge Redevelopment and support and reinforce supply to the existing community service. Centralizing the propane network in this way would allow for tanks at the bulk storage at Mammoth Mountain Inn in the Main Lodge Base Area (see **Figure 6**), at the Mill, and in other locations to be removed and eliminated. Consolidation of storage would also provide public safety benefits particularly during wildfire season and reduce the number of resources needed to maintain the facility properly as it is a central location for mountain operations. Lastly, this project would prepare MMSA and the community for extended storm events by providing more storage capacity to serve the system and its customers (e.g., if a supply truck can't access the site there is greater inventory to use during storm events between resupply).

To serve the Main Lodge Base Area, MMLR proposes to extend existing propane lines towards Parcel B, demolish the existing propane tank and lines in the Main Lodge area, and connect Parcel A with the proposed propane tank farm via a trench alignment along existing dirt service roads between Main Lodge

and the Maintenance Garage as depicted in **Figure 6**. To connect the proposed tank farm to the existing Town Facilities near The Village, MMLR proposes to install a pipeline that runs from the proposed Maintenance Garage tank farm along the alignment of the existing Village Ski Back Trail thereby avoiding any tree removal. The line would be buried three feet deep along an approximately 2.4 mile-long corridor with a 40-foot wide disturbance along the line. As discussed above, the line serving the Main Lodge Base Area is considered a connected action with parcel A and B development. Additionally, a short connector pipeline between the existing MMSA propane main servicing Canyon Lodge would be connected to the existing community main in the Canyon Lodge parking lot by way of a new trench line adjacent to the bottom terminal of Chairlift 7. If the development on private land does not occur, the line would be approximately 1.1 miles from the Chair 2 base area to the propane tank farm.

Communications

The Main Lodge Base Area has several communications lines which include both fiber optic and copper telephone lines collectively serving ski area operations and guest accommodations. New lines would be required to connect the proposed development projects to these existing lines. MMLR proposes to install a new line on NFS lands parallel to the proposed propane line from The Village as noted above which would provide improved service to the Main Lodge Base area.

Water

There are currently several underground water lines serving the Main Lodge Base area at MMSA. These lines are predicted to be adequate to serve the proposed projects on the SUP, however, the proposed projects on parcels A and B would require a separate storage tank. The 2022 MDP determined that proposed projects on parcels A and B and Skier Services Buildings on NFS lands would require a minimum 686,000-gallon storage tank to meet Average Daily Demand (ADD) and fire flows to comply with California Fire Code.

In order to meet the additional domestic water storage needs of the proposed projects, MMLR proposes to construct a gravity fed water tank system. A gravity fed system would be more reliable than a pressurized system as it would not require pressure pumps or additional electricity. The closest location for the tank to provide adequate pressure for the flows anticipated for the Main Lodge base development would be near the top of the Discovery Chair, on NFS land (refer to **Figure 6**). The location would be approximately 500 feet northwest of the lift's top terminal in a forested area between two existing ski trails on NFS land. This location is at an elevation of 9,080 feet and would provide 75 psi pressure to the Main Lodge base area. The reservoir would be an above-ground Superior bolted or welded steel reservoir 16 feet tall and 95 feet in diameter. The tank would be painted to blend in with the surrounding forest canopy in the area in accordance with the approved Inyo National Forest prescribed Color Palette. The plan would also include an approximately 1,800-foot-long pipe trench for both tank fill and gravity flow pipelines back to the Main Lodge base routed along the Apple Pie ski run and towards the base of the Discovery Chair. Installation of the water storage tank and associated water mains would create approximately 2 acres of disturbance.

Wastewater Management

As mentioned previously, MMLR proposes to reconfigure and upgrade its WWTP on Parcel B as part of the Main Lodge Redevelopment. The new WWTP is contemplated to produce tertiary treated water which could be utilized for both snowmaking and irrigation purposes on NFS lands. Further, in addition to proposed sewage lines, a reclaimed water line is proposed along the road between parcels A and B to

route reclaimed wastewater from the WWTP into the snowmaking reservoir at mid-mountain for winter snowmaking and summer irrigation purposes (refer to **Figure 6**). Also, 15 million gallons of combined reclaimed wastewater effluent storage is planned on Parcel B to bolster overall snowmaking capacity of MMSA. Finally, in the event storage capacities are reached on both Parcel B and at the mid-mountain snowmaking reservoir, the WWTP would discharge tertiary treated effluent to surface flows of Dry Creek on NFS lands on an as needed basis. The discharge point to Dry Creek would require the burial of approximately 75 feet of pipe on NFS lands from the private land boundary. The pipe and discharge point locations would allow tertiary treated effluent to gravity flow to Dry Creek.

Electricity

The Main Lodge Base Area is the site of four electric lines serving its lifts and facilities. As described in the previous sections, several proposed lifts would require an extension of existing lines or new dedicated underground power lines. These projects include Lift 37, the proposed magic carpets, snowmaking, and the private land development in the Main Base area. The proposed Main Lodge Base Area would also most likely require a new substation and reticulation to supply power to parcels A and B, as described above. This would be located within Parcel A and would serve the private land development projects as well as service loads from elsewhere in MMSA. Proposed power lines would be installed on NFS lands underground and along roads when possible, including under the proposed road connecting parcels A and B.

Geothermal

MMLR is currently researching the viability of developing a geothermal heat source within the boundaries of parcels A and B for purposes of both building heating and snowmelt systems, as well as a heat source for domestic water uses.

FACILITIES

Within the SUP boundary, MMSA proposes to create three skier services facilities and one Mountain Operations and Administration Headquarters facility to better support guests and MMSA operations. Employee housing would also be developed offsite to support additional employee capacity, however, these would not be built on NFS lands.

Skier Services

In addition to buildings proposed on private land, MMSA proposes to construct a new Skier Services Building (SSB) on NFS land to replace the existing Main Lodge and operations. The proposed building has been designed by Hart Howerton to serve a variety of skier services purposes. The building would have a total area of approximately 88,500 square feet and would be sectioned into three distinct areas, SSB1, SSB2, and SSB3. The building would be adjacent to the proposed magic carpets and ski beach area, directly northeast of the existing Main Lodge (see **Figure 5**). SSB1 would primarily offer food and beverage services and would also be the site of public lockers. SSB2 would be three stories and would include rentals, food and beverage space, and ski school facilities. SSB3 would have facilities for parking and loading, administrative services, executive and coach offices, disabled sports, and the ski team. The building would be three stories and would be accessible from the village plaza and from the snow so that ski school can easily access lifts and terrain. All skier services buildings would be designed to meet Forest Service Built Environment Image Guide standards. This will ensure that materials and surfaces blend with the natural surroundings and are consistent with other components of the built environment at MMSA. These buildings would also be ADA accessible.

MMSA intends to construct this new skier services building in an effort to upgrade the existing 162,036 square feet of base area facilities in the Main Lodge, Mammoth Mountain Inn, Woollywood Ski School, Yodler Restaurant, and the slope-side Ski Team headquarters to more modern and efficient buildings. Some of these services would remain on Forest Service land in the proposed skier services building and some would be moved onto the private land into the proposed commercial services buildings on Parcel A. In total, the skier services building would create approximately 88,500 square feet of guest service area on NFS land. The proposed building would disperse skiers and improve guest satisfaction by consolidating guest services, increasing restaurant seats and locker space, and dedicating more space to ski school and operations, thus providing more efficient MMSA services.

Mountain Operations and Administration Headquarters

MMSA proposes constructing a Mountain Operations and Administration Headquarters building adjacent to the proposed Big Bend Parking Area that would be dedicated to mountain operations and administration. This building would follow Forest Service Built Environment Image Guide standards to ensure that materials and surfaces blend with the natural surroundings and are consistent with other components of the built environment at MMSA. The building will be ADA accessible. This would be a three-story building with a height of approximately 45 feet. The footprint would be approximately 8,000 square feet and total interior space for the three stories would be 24,000 square feet. Employees would be able to park in the proposed Big Bend Parking Area or take public transit to access the building. Water and electricity would be supplied via existing lines between the Main Lodge Base Area and Chair 2 base. Wastewater, propane, and optic fiber lines would be supplied via proposed lines between the Town and the Main Lodge Base Area as previously described.

SUMMER ACTIVITIES

In an effort to create an integrated and holistic summer experience, developed summer activities such as mountain coasters, zip lines, and ropes courses would be located at Woolly's Adventure Summit rather than at the Main Lodge Base Area. These activities have been previously analyzed and approved in a separate NEPA process. In addition to these activities, MMSA intends to focus on improving passive summer activities in the Main Lodge Base Area. Passive activities in the area include scenic gondola rides, transit hub activity of the Reds Meadow/Devils Postpile shuttle bus service, and access to the mountain bike park and hiking trails.

The proposed Main Lodge redevelopment projects would also require existing summer operations to be slightly adjusted due to grading and construction processes. To accommodate the Parcel A development, MMLR would relocate the existing EuroBungy trampoline and upgrade the existing climbing wall. Existing mountain biking and hiking trails on NFS lands that terminate in the Main Lodge Base Area would also be shortened or rerouted to accommodate the proposed Parcel A development.

DEFENSIBLE SPACE AND FIRE PROTECTION

Catastrophic wildfire events are becoming increasingly common and pose a risk to developed areas across the U.S., including many ski resorts. Due to the high risk of wildfire occurring within forested lands throughout California in particular, MMLR proposes to implement best contemporary forestry practices. This includes reducing the forest fuel load in and around the project area to mitigate the risk of catastrophic wildfire. This would provide protection to MMSA guests and staff as well as to MMSA's valuable infrastructure, particularly if the proposed projects are constructed.

Defensible space would be created in and around parcels A and B to enhance the safety of the wildland-urban interface (WUI). MMLR proposes defensible space strategies such as shaded fuel breaks and mechanical/hand thinning units along all roads and between proposed infrastructure. Shaded fuel breaks strategically within specific area(s) for the strict objective of reducing, modifying, and managing fuels within designated areas in order to enhance mitigation efforts in the event of a wildland fire situation. A shaded fuel break does not remove all vegetation in a given area, but rather intensively thins existing trees and removes the bulk of the surface fuels, such that fire cannot spread vertically or horizontally within the treatment area. Where infrastructure does not occur, treatment units will be established by analyzing forested areas most at risk to wildfire. These defensible space strategies not only create more resilient forests but also ensure access and egress is protected in the event a wildfire would occur. MMLR would approach these projects by coordinating with forestry professionals and local fire agencies familiar with the specific site conditions. Known evacuation routes, population density, and other site-specific factors are important considerations to determine the most appropriate way to achieve the project's goals.

Additionally, the proposed configuration of Parcel B includes two water ponds. These proposed water storage areas would benefit MMSA by providing up to an additional 15 million gallons of water for wildfire fighting response. This water could be used by responding wildfire agencies and could also be distributed through MMSA's mountain-wide snowmaking system, potentially providing substantial protection for the ski area and the Town in the event of a prevailing wind wildfire approaching from the west.

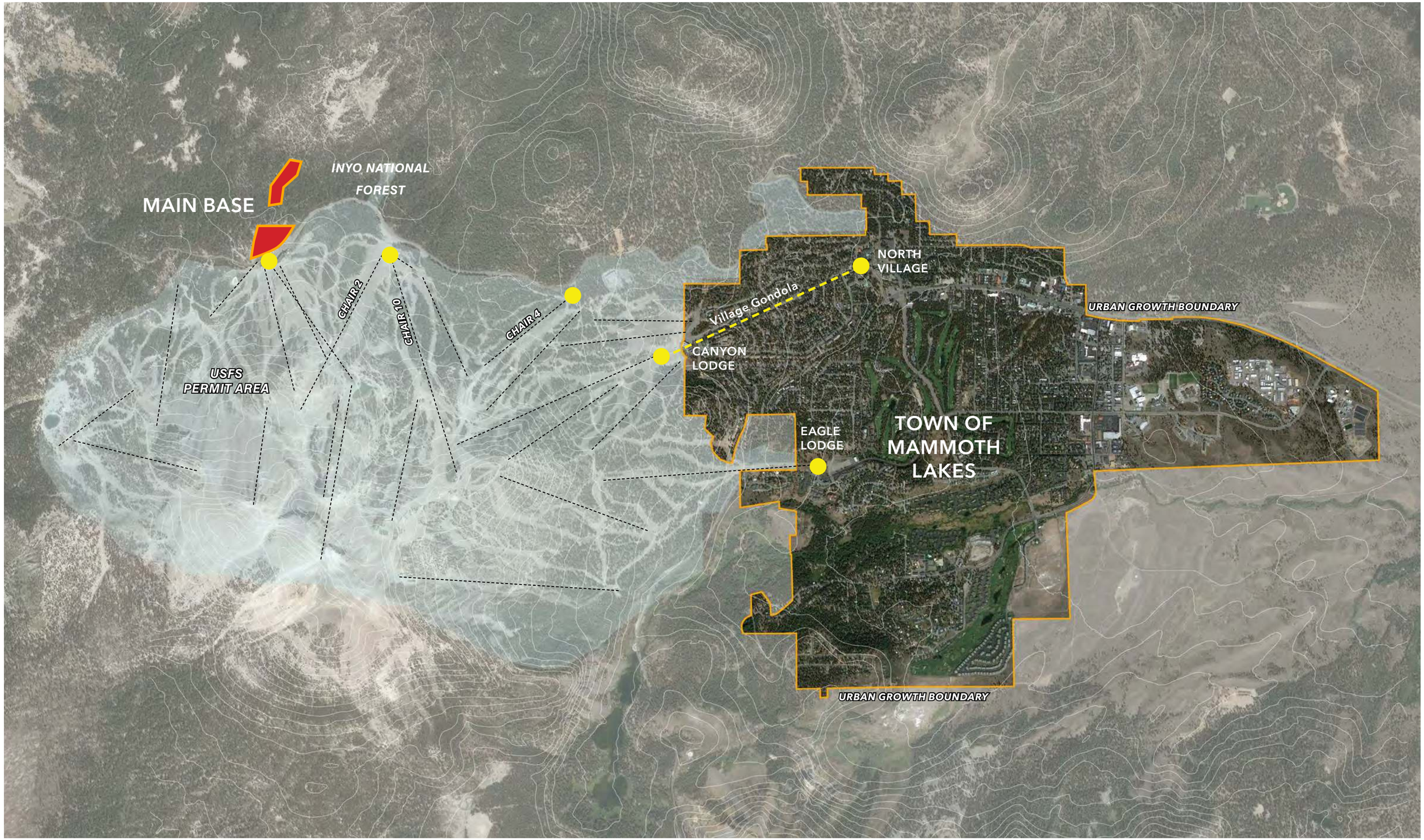


Figure 2 - Town Context

Mammoth Main Base October 17, 2022

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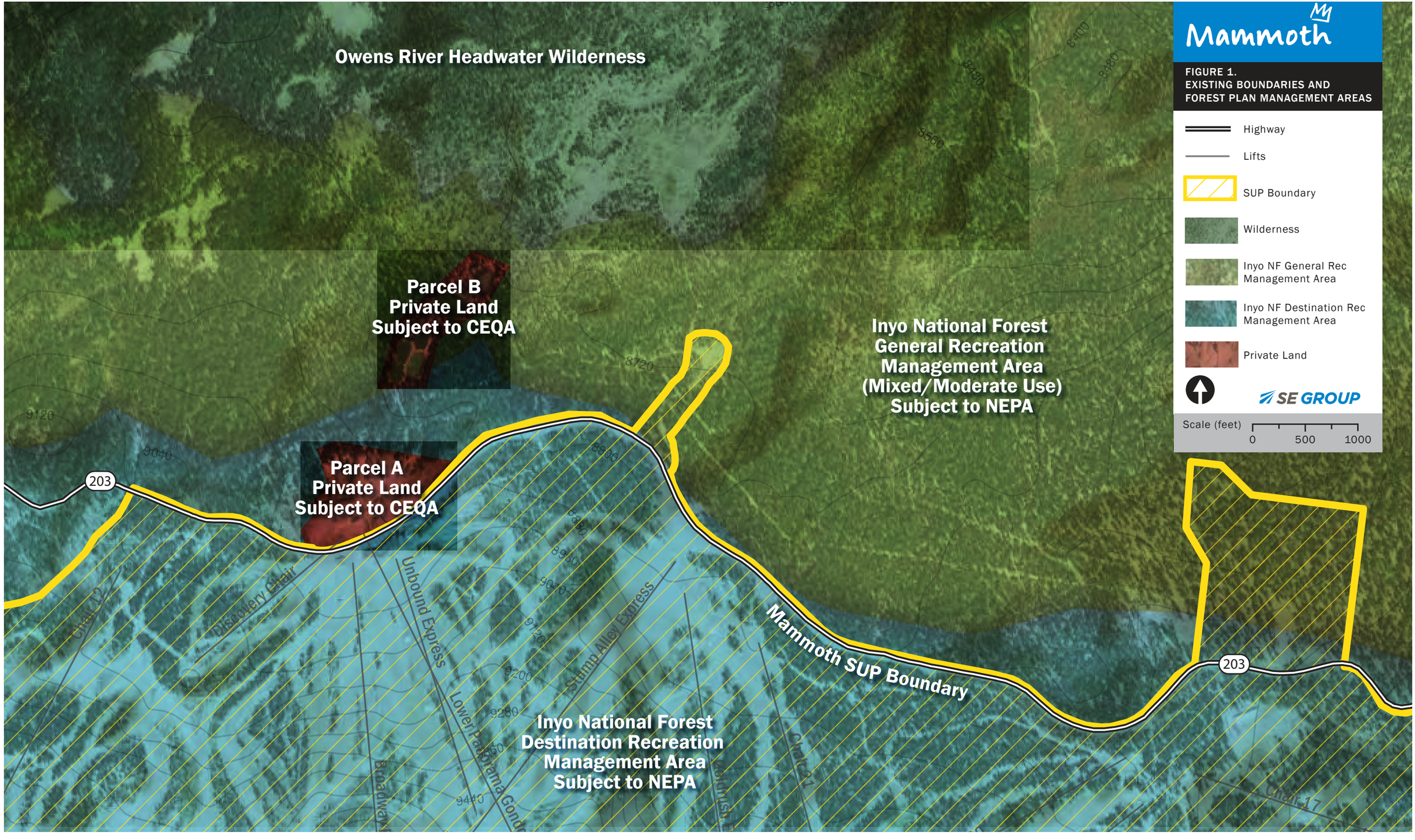


Figure 3 - Ownership



Figure 4 - Existing Conditions

Legend	
▬ ▪ ▬	Main Base Parcel Boundary
A	Main Base
B	Resort Residential
C	Reclaimed Water Storage Pond
D	Wastewater Treatment & Facilities
USFS Permit Area	
1	New Road Connection
2	Ski Beach
3	Gus' Pasture Training Terrain
4	Proposed Ski Run
5	Existing Chalets
6	Transit & Arrival Plaza
7	Mountain Operations
8	Employee Parking
▬	Existing Chair
▬	Proposed Gondola or Chair



Figure 7 - Illustrative Concept Plan



Figure 10 - Parcel A Illustrative Concept Plan



Figure 15 - Parcel B Illustrative Concept Plan

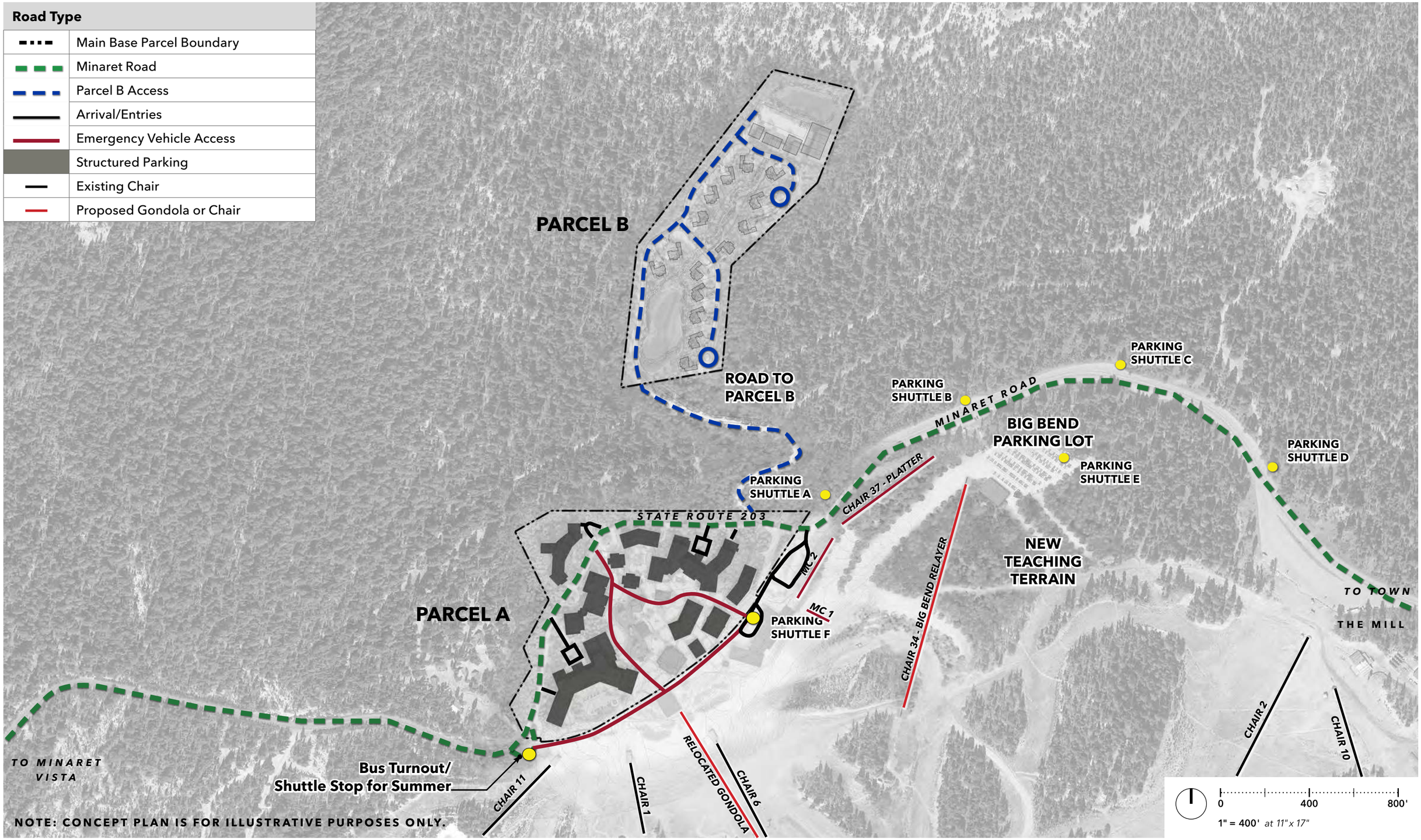


Figure 17 - Circulation

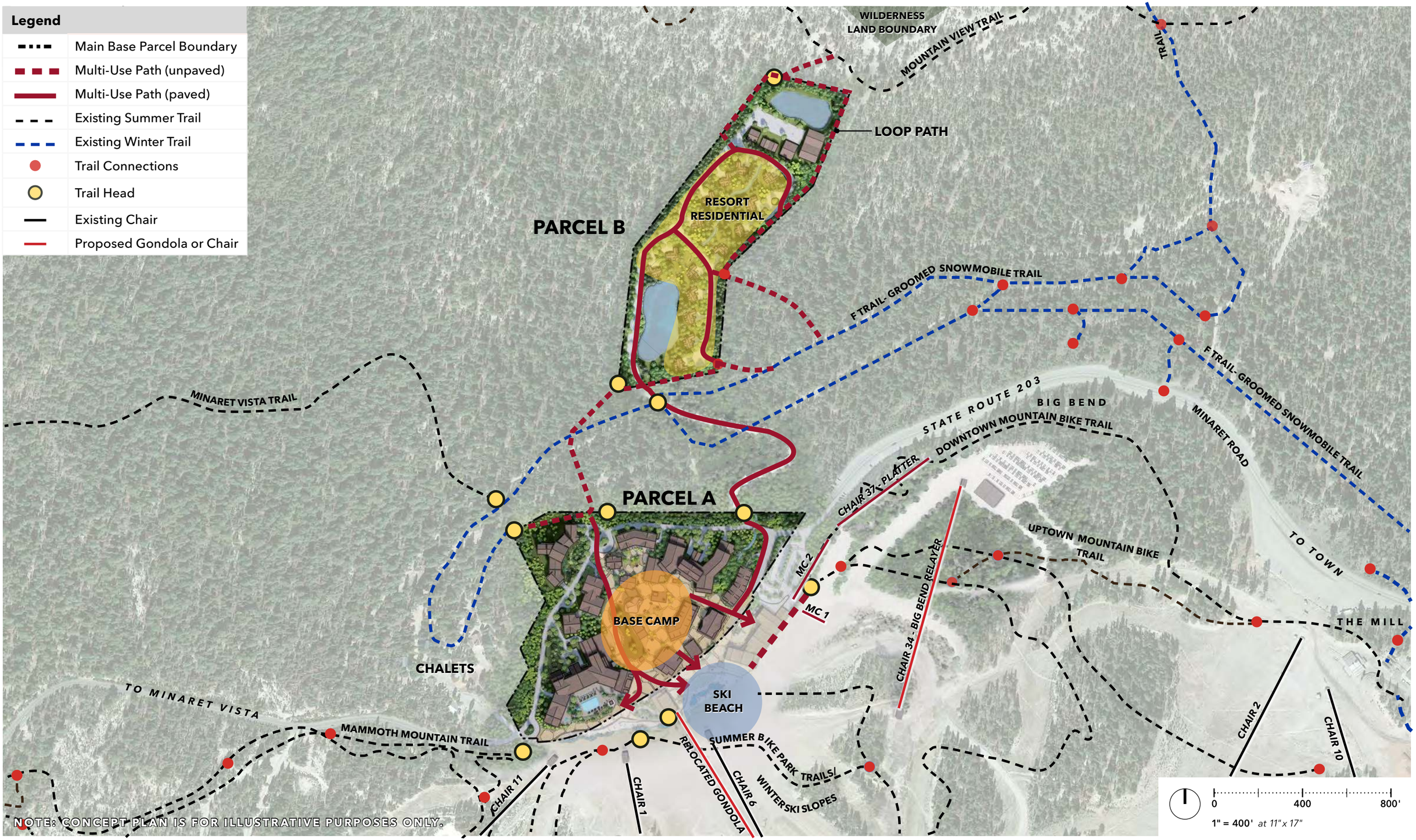
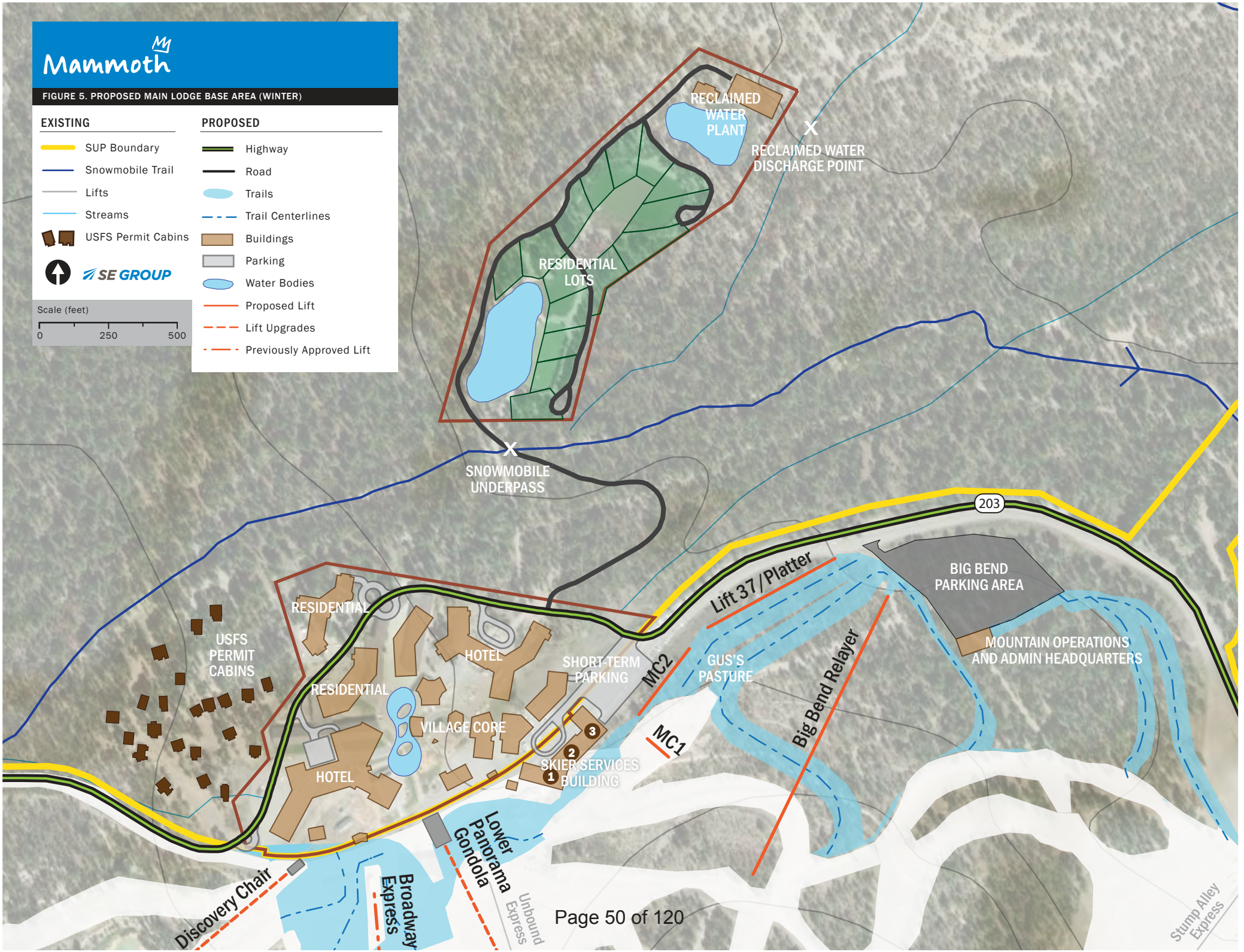
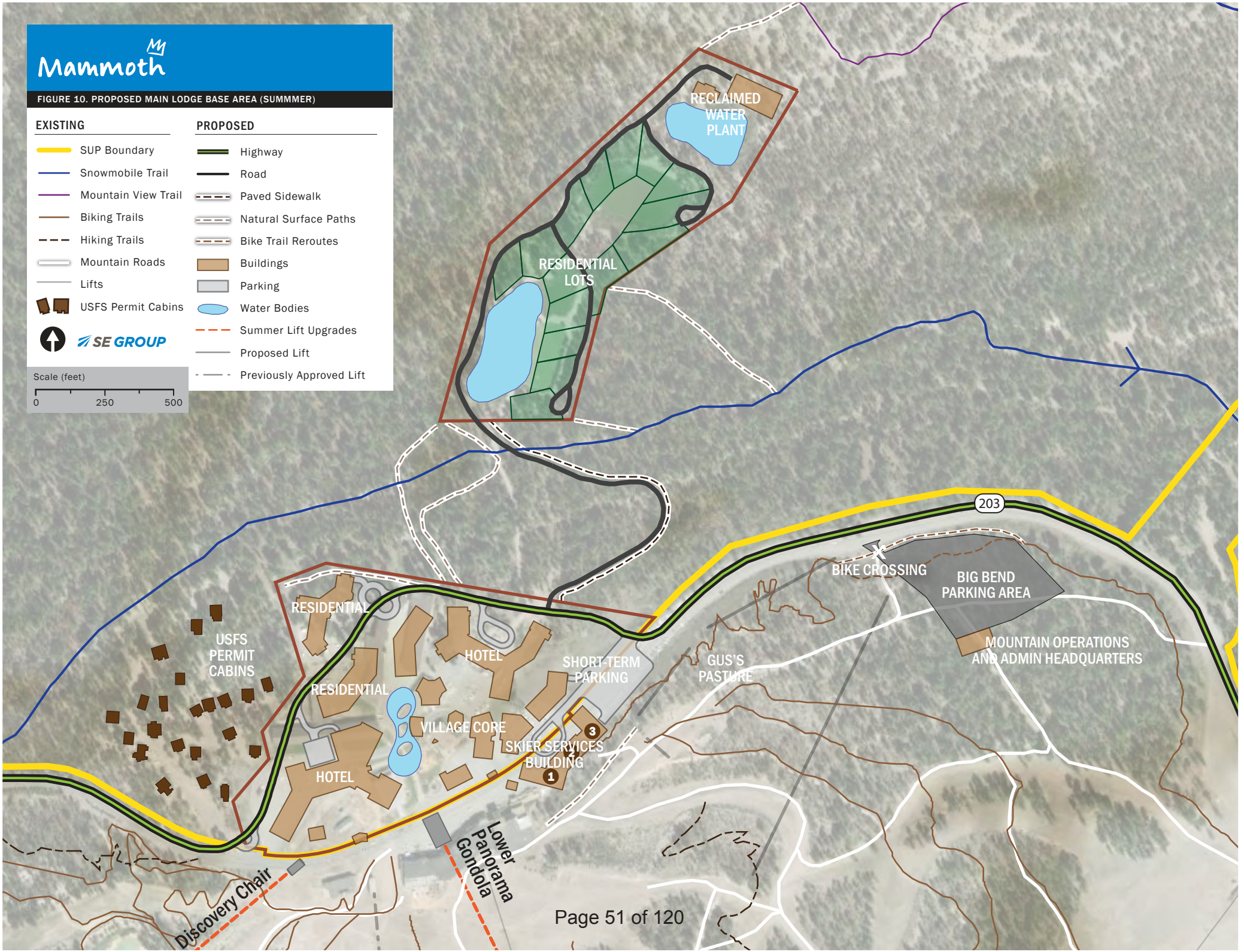
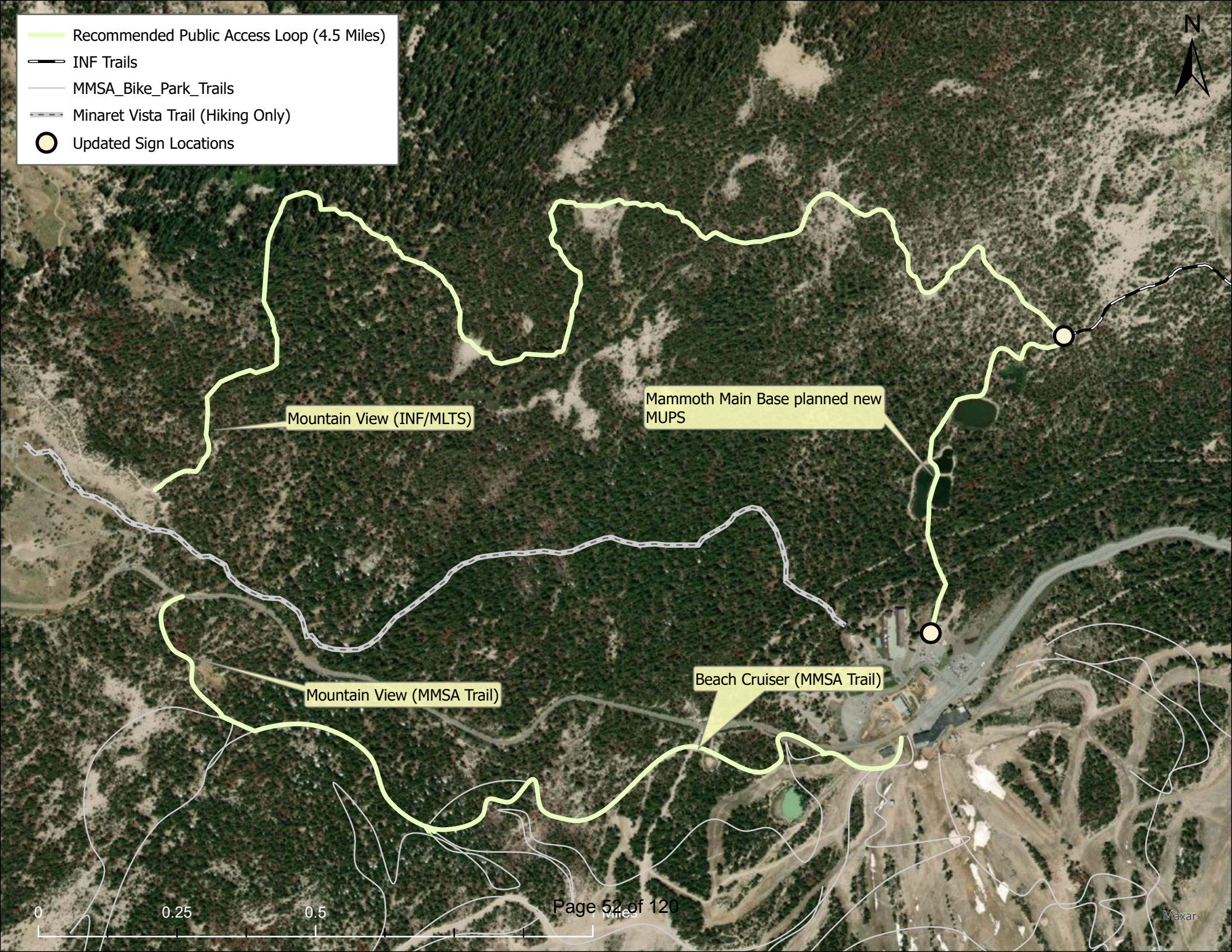


Figure 21 - Open Space and Trail Network


Mammoth
FIGURE 5. PROPOSED MAIN LODGE BASE AREA (WINTER)
EXISTING
SUP Boundary
Snowmobile Trail
Lifts
Streams
USFS Permit Cabins
PROPOSED
Highway
Road
Trails
Trail Centerlines
Buildings
Parking
Water Bodies
Proposed Lift
Lift Upgrades
Previously Approved Lift
SE GROUP
Scale (feet)
0
250
500
RECLAIMED WATER PLANT
RECLAIMED WATER DISCHARGE POINT
RESIDENTIAL LOTS
SNOWMOBILE UNDERPASS
203
Lift 37/Platter
BIG BEND PARKING AREA
MOUNTAIN OPERATIONS AND ADMIN HEADQUARTERS
USFS PERMIT CABINS
RESIDENTIAL
HOTEL
RESIDENTIAL
SHORT-TERM PARKING
MC2
GUS'S PASTURE
Big Bend Relayer
VILLAGE CORE
MC1
3
2
SKIER SERVICES BUILDING
1
HOTEL
Lower Panorama Gondola
Discovery Chair
Broadway Express
Unbound Express
Stump Alley Express


Mammoth
FIGURE 10. PROPOSED MAIN LODGE BASE AREA (SUMMMER)
EXISTING
SUP Boundary
Snowmobile Trail
Mountain View Trail
Biking Trails
Hiking Trails
Mountain Roads
Lifts
USFS Permit Cabins
SE GROUP
PROPOSED
Highway
Road
Paved Sidewalk
Natural Surface Paths
Bike Trail Reroutes
Buildings
Parking
Water Bodies
Summer Lift Upgrades
Proposed Lift
Previously Approved Lift
Scale (feet)
0
250
500
RECLAIMED WATER PLANT
RESIDENTIAL LOTS
203
BIKE CROSSING
BIG BEND PARKING AREA
MOUNTAIN OPERATIONS AND ADMIN HEADQUARTERS
GUS'S PASTURE
RESIDENTIAL
USFS PERMIT CABINS
HOTEL
SHORT-TERM PARKING
RESIDENTIAL
VILLAGE CORE
SKIER SERVICES BUILDING
3
1
HOTEL
Lower Panorama Gondola
Discovery Chair


Recommended Public Access Loop (4.5 Miles)
INF Trails
MMSA_Bike_Park_Trails
Minaret Vista Trail (Hiking Only)
Updated Sign Locations
N
Mountain View (INF/MLTS)
Mammoth Main Base planned new MUPS
Mountain View (MMSA Trail)
Beach Cruiser (MMSA Trail)
0
0.25
0.5
Miles
Maxar

TOWN OF MAMMOTH LAKES STAFF REPORT

Title: Winter Trail Counter Data Report

Meeting Date: April, 11 2024

Prepared by: Andrew Mulford, Trails Program Manager

The Town of Mammoth Lakes Office of Outdoor Recreation has prepared a report of data collected at recreation access points during the winter months. Infrared and magnetic counters are deployed and maintained under a contractual agreement with MLTPA at 8 sites during the winter/snow months. 3 of these counters are located along the groomed Nordic trails at Shady Rest Park. 2 magenetic vehicle counters are located at Shady Rest Park and Sherwins Trailhead and operate year round. Additionally there are counters at the winter sherwins access points at Mill City, Lake Mary Road Closure and the Sherwins Bootpack. Data for this season is shown as well as winter count data going back to the winter of 2019 for comparison purposes.

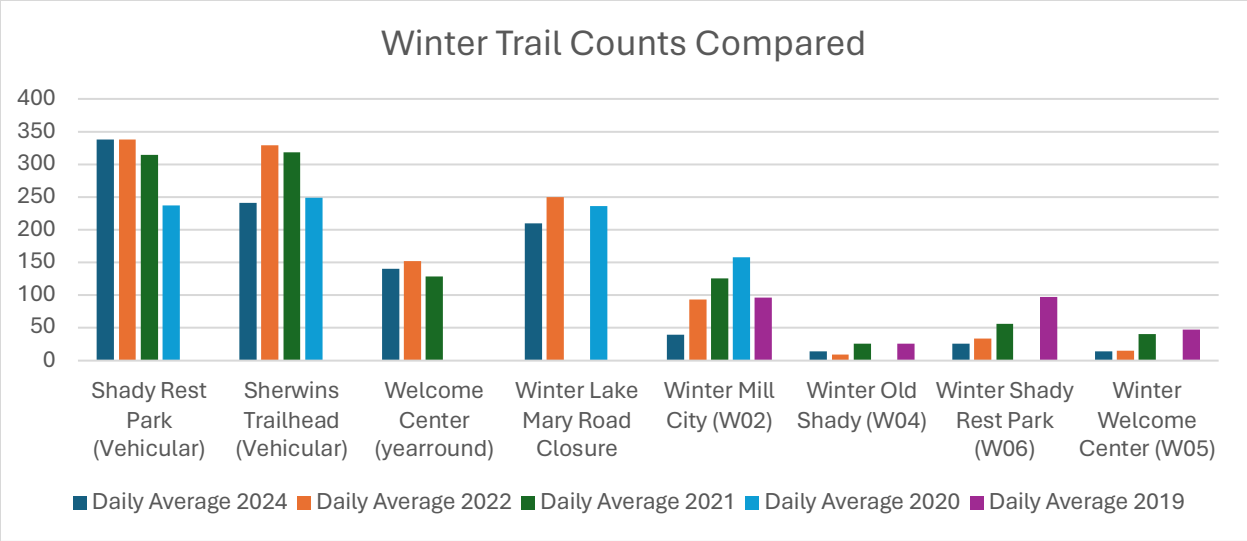
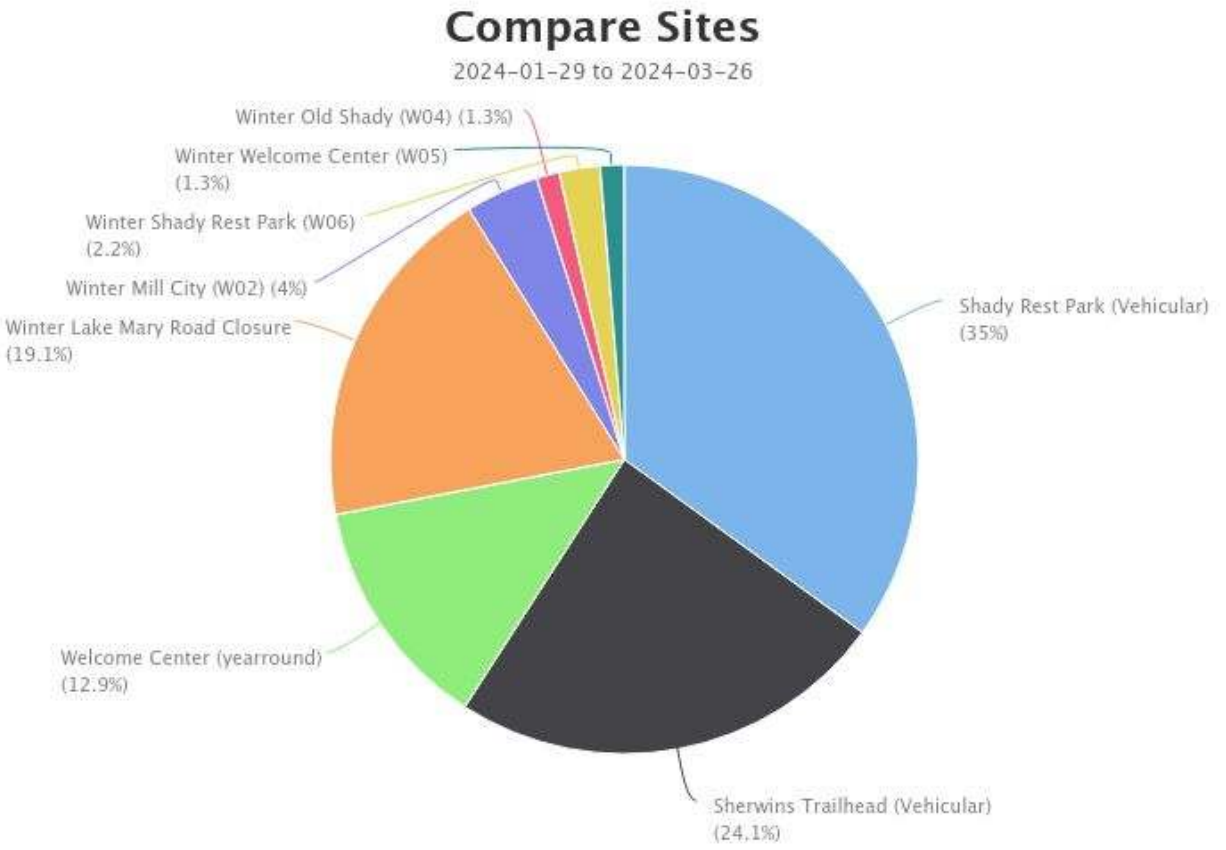


Figure 1

Data was compared from the 9th of February to the 26th of March. This was the best block of Data for the 2024 year to pull from and compare to the same days of previous years. The data from 2022/2023 was not included due to gaps in data caused by the high level of snowfall that season. 2020 data collection ended at the shady rest winter trails before these dates, but upper elevation counters had collected sufficient data to compare. In 2019 there were no counters yet deployed at the upper elevations sites, but the data was included to compare around Shady Rest, where there were counters that season.

In Figure 1 you can see the average daily traffic between the dates of Feb 9th and March 26th across the 8 winter data collection sites. Below in Figure 2 is a visual comparison of these average daily counts showing the high levels of use across all winter access points. Finally in figure 3 you can find the daily counts at each site that was used to generate the other comparisons found in this report. In Figure 4 you can see the location of our infrared and magnetic counters during the winter months.



Site Name	Daily Average
Shady Rest Park (Vehicular)	332.8 (35.0%)
Sherwins Trailhead (Vehicular)	229.6 (24.1%)
Welcome Center (yearround)	122.3 (12.9%)
Winter Lake Mary Road Closure	182.1 (19.1%)
Winter Mill City (W02)	38.4 (4.0%)
Winter Old Shady (W04)	12 (1.3%)
Winter Shady Rest Park (W06)	21.3 (2.2%)
Winter Welcome Center (W05)	12.5 (1.3%)

Figure 2

Day	Shady Rest Park (Vehicular)	Sherwins Trailhead (Vehicular)	Welcome Center (yearround)	Winter Lake Mary Road Closure	Winter Mill City (W02)	Winter Old Shady (W04)	Winter Shady Rest Park (W06)	Winter Welcome Center (W05)
2024-02-09	378	303	0	205	54	14	10	4
2024-02-10	399	272	1	348	81	23	1	19
2024-02-11	323	266	72	401	91	22	3	22
2024-02-12	288	253	152	264	59	7	6	5
2024-02-13	280	233	99	223	28	13	4	12
2024-02-14	333	167	154	152	16	5	10	9
2024-02-15	279	226	138	82	64	10	0	2
2024-02-16	345	229	160	200	55	10	7	8
2024-02-17	450	311	237	238	109	19	20	14
2024-02-18	644	237	221	382	170	23	37	22
2024-02-19	342	0	72	0	0	0	0	0
2024-02-20	409	288	170	12	37	18	34	26
2024-02-21	438	354	150	4	61	20	21	17
2024-02-22	361	364	210	211	160	12	57	33
2024-02-23	359	345	195	304	159	32	41	14
2024-02-24	380	373	154	584	199	26	42	14
2024-02-25	338	302	151	410	215	30	45	21
2024-02-26	313	181	116	64	78	12	37	17
2024-02-27	295	258	153	178	24	18	29	14
2024-02-28	346	260	109	198	31	25	32	12
2024-02-29	299	75	255	63	0	6	15	8
2024-03-01	249	0	51	0	0	11	30	1
2024-03-02	194	0	0	0	0	0	0	0
2024-03-03	446	0	0	0	0	1	0	0
2024-03-04	444	297	87	0	0	39	68	34
2024-03-05	378	255	109	126	0	29	57	33
2024-03-06	294	247	119	223	0	17	36	24
2024-03-07	283	257	119	259	0	24	29	10
2024-03-08	318	297	161	324	0	20	49	16
2024-03-09	354	273	183	460	7	5	65	36
2024-03-10	375	282	116	362	17	27	50	32
2024-03-11	386	266	227	228	1	27	33	13
2024-03-12	336	210	104	118	1	19	78	15
2024-03-13	325	284	164	231	1	12	38	25
2024-03-14	280	245	122	385	10	11	18	17
2024-03-15	278	218	258	198	2	16	10	21
2024-03-16	342	289	155	478	6	6	29	23
2024-03-17	300	268	132	349	16	10	28	16
2024-03-18	320	244	121	207	11	9	24	8
2024-03-19	320	301	115	217	11	5	32	6
2024-03-20	308	339	158	207	16	4	10	4
2024-03-21	316	212	170	217	11	3	13	9
2024-03-22	296	277	313	183	7	4	12	5
2024-03-23	220	244	109	0	0	1	1	5
2024-03-24	275	222	201	130	7	5	7	4
2024-03-25	302	244	173	239	18	6	6	6
Daily Average 2024	**338**	**241**	**140**	**210**	**40**	**14**	**26**	**14**

Figure 3

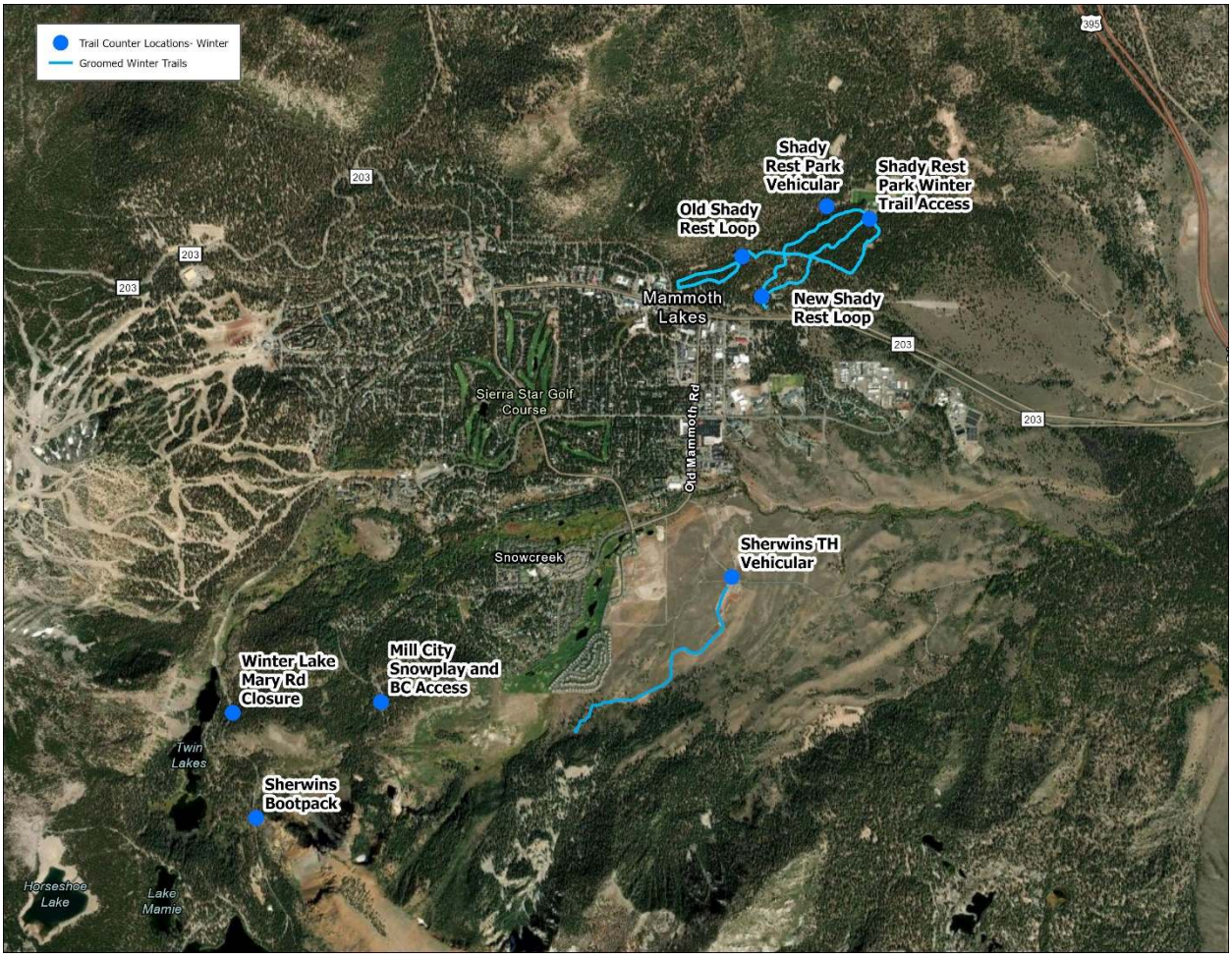

Trail Counter Locations- Winter
Groomed Winter Trails
Shady Rest Park Vehicular
Shady Rest Park Winter Trail Access
Old Shady Rest Loop
New Shady Rest Loop
Mammoth Lakes
Sierra Star Golf Course
Old Mammoth Rd
Snowcreek
Sherwins TH Vehicular
Mill City Snowplay and BC Access
Winter Lake Mary Rd Closure
Twin Lakes
Sherwins Bootpack
Horseshoe Lake
Lake Mamie
203
395

Figure 4

TOWN OF MAMMOTH LAKES STAFF REPORT

Title: Trails Program Manager Report

Meeting Date: April, 11 2024

Prepared by: Andrew Mulford, Trails Program Manager

In this Trails Manager Report I will share an update on winter grooming operations for the winter of 2023/24. We will also discuss grooming equipment and potential long term solutions to our equipment needs. The Office of Outdoor Recreation has been assisting our USFS partners with planning for the closure of Reds Meadow Road this summer season. We have produced an informational map to help inform the public of the access restrictions this coming summer season.

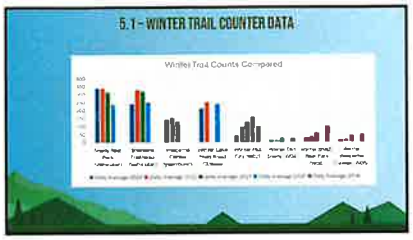
During the spring of 2023 the trail bridge on the Pacific Crest Trail at Upper Soda Springs Campground washed out. The Inyo National Forest is in the process of planning and procurement for a new bridge. Since this will be a multiyear process to replace the bridge, the USFS has decided to proceed with some new trail development on the east side of Reds Meadow Rd to maintain trail connectivity in the near term. Construction is planned for this summer and the TOML trail crew is planning to provide assistance to add a few miles of new trail to the reds meadow valley. These new trail connections will remain open following the installation of the new trail bridge on the PCT at Upper Soda Springs. This will add more inter-valley N-S connectivity allowing users to move more freely from destination to destination without relying on bus or automobile.

The OOR is interested in the development and re-establishment of recreation amenities in the TOML owned parcel along Mammoth Creek. We have done some design work and developed recommended trail alignments for 1 mile of non-motorized soft surface trail in this area. Also we have identified an optimal location for a small bike skills facility that will be aimed toward progression for young cyclists. In addition we have developed 3 interpretive panels to be installed along the MUP in this area to share information about the fuels reduction effort that occurred on this parcel in 2023. These signs have been developed in close partnership with the Whitebark Institute.

We are in the process of replacing the many broken and damaged signs across our trail system. Many of these signs were destroyed during the winter of 2022/2023 and we are excited to install the replacement signage this spring. Also we are working closely with the public works department to develop a TOML digital asset management system that closely mimics the GIS protocols that have been established and used for sign condition and location tracking across the MLTS.


5.1 - WINTER TRAIL COUNTER DATA

1


5.1 - WINTER TRAIL COUNTER DATA
Winter Trail Counts Compared

2


5.1 - WINTER TRAIL COUNTER DATA

3


MAMMOTH LAKES TRAIL SYSTEM
TRAILS MANAGER REPORT
5.2

4


CONTENTS
Winter Grooming Updates
Reds Meadow Road Construction Update
PCT Reroute Update
SHARP Update
Mammoth Creek TOML Owned Parcel Rec Plan
Sign Replacement
TOML Digital Asset Management

5


WINTER GROOMING UPDATES
MMSA rented us a SkiDoo Expedition snowmobile to tow our Tidd Tech Grooming Implements
It has worked very well for our purposes
We have been able to trailer it back and forth from shady rest to elsewhere with ease

6


WINTER GROOMING UPDATES
We staffed up with 3 grooming staff this year
Its has allowed us to groom at a good frequency maintaining a high level of service across both facilities

7


REDS MEADOW ROAD CONSTRUCTION
Road will be closed from Minaret Vista to Agnew Meadows Monday - Thursday, June 7-Sept 15.
Information and Map shared with the public during Community Coffee on March 7 by USFS
https://www.fs.usda.gov/detail/inyo/alerts-notices/?cid=fseprd1127643

8


PCT REROUTE - SODA SPRINGS BRIDGE
Bridge over the Middle Fork of the San Joaquin near Soda Springs CG was destroyed during winter 22/23
Bridge replacement will likely take several years and a reroute is necessary to keep foot traffic off of the road.
Consideration of existing trails/decommissioned trails and new

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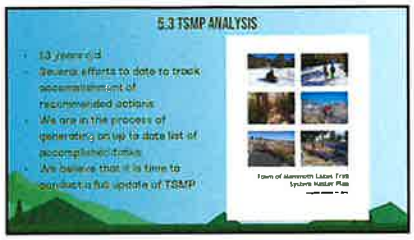
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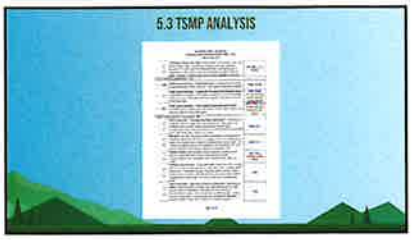
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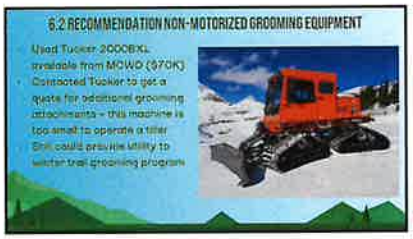
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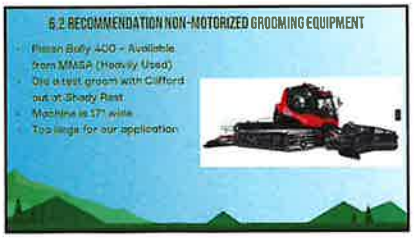
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TOWN OF MAMMOTH LAKES STAFF REPORT

Title: Trail System Master Plan Analysis Update

Meeting Date: April, 11 2024

Prepared by: Andrew Mulford, Trails Program Manager

The Trail System Master Plan was adopted by the Town of Mammoth Lakes in 2011. This excellent guiding document has provided a great vision for our trails program. As we have completed many of the recommended actions and implemented a significant portion of the plan, it is time to conduct a comprehensive review of the document to see what is left and figure out how to best proceed. We feel that many elements of the plan are out of date, for instance the details in the Signage portion of the plan are not up to date with our adopted MLTS signage and wayfinding program. We are very proud of our signage and wayfinding program and feel that for this document to best serve our needs it should reflect our current standards. Many of the recommended actions have been completed and some have been deemed unfeasible, while other new challenges and opportunities have presented themselves. For example E-bikes have really grown in popularity since the publishing of this plan and we have developed strategies for their management, and would like for the plan to reflect them.

Included in the agenda packet for this meeting are the Trail System Master Plan in its entirety for reference, and two documents tracking accomplished actions from the plan. The first of these supporting documents was created in 2012, while the second was worked on in 2021. We are in the process of developing a current analysis of all completed tasks from the plan along with recommendations for near term prioritization of the remaining elements of the plan. Once this analysis is complete, I would like for the Office of Outdoor Recreation to draft an update of the TSMP in house before contracting with a planning outfit like ALTA to incorporate our edits and refresh the TSMP with an up to date version.

Link to Town of Mammoth Lakes Trail System Master Plan:
https://www.townofmammothlakes.ca.gov/371/Trails-System-Master-Plan

Mammoth Lakes Trail System Master Plan (MLTSMP)

Recommended Projects and Programs

Green highlighted cels = MLTPA suggested additions a/o October 3, 2013

= Complete or Substantially Complete + Ready for Ongoing Management

= Work Initiated/In Progress

= Work Yet to Be Initiated

= Status Unknown

"Notes" are the original comments from TOML MLTS CC Coordinator Steve Speidel

CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES (last edit January 2021)
100:Planning		N4	Public Transit Access to Recreation Nodes	On-going. The Town maintains a list from the Mobility Commission's work.
100:Planning		N5	Summer Recreation Nodes	On-going, signage, transit stops, parking. See Table 4-2 page 120.
100:Planning		N6	Winter Recreation Nodes	On-going with some signage and limited transit. See Table 4-3 page 123.
100:Planning		P1	Sidewalk to Major Roadway Ratio	New sidewalks have been installed as part of Safe Routes to Schools - Sierra Park Road, Sierra Nevada Road.
100:Planning		P2	Sidewalk to and along Major Roadway Rat	Meridian and Canyon are in the planning phase. Projects are being considered in the Pedestrian Master Plan.
100:Planning		P3	Sidewalk to Major Roadway Ratio, Sidewa	Other projects are being considered in the Pedestrian Master Plan.
100:Planning		P4	Mid-Block Pedestrian Connectors	Projects are being considered in the Pedestrian Master Plan.
100:Planning		SS1	Snowcreek Meadow Trail	Completed and maintained by TOML
100:Planning		SS3	Shady Rest Winter Trails	Trails are complete. The USFS has proposed and is studying a revision to winter staging at Shady Rest.
110:Strategic Planning		G12	Coordination with local NGO's	**Mammoth Lakes Recreation/RECSTRATS:** MLTPA convened and helped to facilitate the Mammoth Regional Recreation Council and Mammoth Lakes Recreation development process, which sought to specifically identify opportunities for non-governmental organizations' participation in the Mammoth Lakes Trail System along with other recreation opportunities. This process was the basis for RecStrats.
120:Collab. Planning		G13	Summit Process	Winter Recreation Summit initiated in 2017, SRIC Planning Grant 2019-2022
210:Guidelines		A4	Pathway Surface Materials	Within the updated Public Works Standards.
210:Guidelines		BP1	Bicycle Parking Requirements	The Zoning Code Update will contain bike parking requirements. Needs to be revisited in plan.
210:GuidelinesStandards		G05	Trail-Oriented Development	Community and Economic Development Department reviews proposals based on adopted trail plans. Parcel, WBR and PEDC
210:GuidelinesStandards		G06	Pedestrian-Oriented Development	Community and Economic Development Department reviews proposals based on adopted trail plans. Parcel, WBR and PEDC

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"Notes" are the original comments from TOML MLTS CC Coordinator Steve Speidel

CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES (last edit January 2021)
211:MLTS Standards		G01	Naming Conventions	• On-going, within the updated Public Works Standards. To be adopted by Town Council in the future. • Standardized Naming Conventions: Through the Mammoth Trails Map, Signage & Wayfinding Subcommittee and a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established consensus and documented consistent naming conventions for the full variety of facilities and destinations that make up the Mammoth Lakes Trail System, as well as established a logic for naming future opportunities. Representatives of both the Recreation and Planning Commissions reviewed the standardized naming conventions. • Trail Naming: Through a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, the Mammoth Trails Map, Signage & Wayfinding Subcommittee, and other interested parties, MLTPA established consensus and documented new naming conventions for several trails in the Mammoth Lakes Trail System, including the Lakes Basin Path (formerly the Lake Mary Road Bike Path). A process for naming of future trails was established as well. • Standardized Naming Conventions - Symbology: Through a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established consensus and documented the use of recreation and service symbology as part of the signage-and-wayfinding program for the Mammoth Lakes Trail System. Use of this symbology will most likely be incorporated into the Mammoth Trails website; the baseline symbol set has been developed based on symbols developed by the National Park Service. • Standards Manual in process to be completed Spring 2021 and sent to TOML

Mammoth Lakes Trail System Master Plan (MLTSMP)

Recommended Projects and Programs

Green highlighted cels = MLTPA suggested additions a/o October 3, 2013

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= Work Yet to Be Initiated

= Status Unknown

"Notes" are the original comments from TOML MLTS CC Coordinator Steve Speidel

CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES (last edit January 2021)
211:MLTS Standards		G02	Updated Trail Maps	• Winter Rec. Map update w/USFS discussions ongoing. CA State Parks OHMVR Division - MLR Grant to complete updates in Spring 2021 • Trail Maps: Through a consensus process known as the MLTS Map Committee and made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established consensus and documented all necessary graphic and content needs for a mapping program for the MLTS. Three maps were produced: the full MLTS extent map, the "Town" sub-region map, and the "Lakes Basin" sub-region map. This effort has laid the foundation for further MLTS mapping efforts as well as for the articulation of the MLTS mapping program in multiple media, including the Internet, smartphone technology, and analog media. • Yearly updates and additions as needed

Mammoth Lakes Trail System Master Plan (MLTSMP)

Recommended Projects and Programs

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= Work Yet to Be Initiated

= Status Unknown

"Notes" are the original comments from TOML MLTS CC Coordinator Steve Speidel

CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES (last edit January 2021)
211:MLTS Standards		G03	Uniform Trail Signage	• **Signage and Wayfinding Implementation:** Through the Mammoth Trails Map, Signage & Wayfinding Subcommittee and a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established a process that successfully implemented the steps and actions identified in Section 5.2.15. This process has been documented for inclusion in the Mammoth Lakes Trail System Standards Manual; process deliverables were submitted to the Town for inclusion in the ARRA signage and- wayfinding program to be installed in the summer of 2011. • Signage and Wayfinding - Standards: Convening and facilitation of partner meetings (TOML, INF, and MLTPA) to develop consensus standards for Mammoth Lakes Trail System signage and wayfinding, including documentation of partner consensus • Signage and Wayfinding: Standards/Graphics Creation and updating of all sign-type graphics based on Chapter 5 of the Draft Trail System Master Plan • Section in Standards Manual complete and in use

Mammoth Lakes Trail System Master Plan (MLTSMP)

Recommended Projects and Programs

Green highlighted cels = MLTPA suggested additions a/o October 3, 2013

= Complete or Substantially Complete + Ready for Ongoing Management

= Work Initiated/In Progress

= Work Yet to Be Initiated

= Status Unknown

"Notes" are the original comments from TOML MLTS CC Coordinator Steve Speidel

CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES (last edit January 2021)
211:MLTS Standards		G08	Design Guidelines	Included in TOML Public Works Standards update. • Standards Manual: Preliminary discussions were held with the Town's Public Works Department to establish a process whereby graphic, technical, and naming-convention standards could be incorporated into the Town's Public Works Standard Plan. • Standards Manual: "Town of Mammoth Lakes – Public Works Department Section 600: Mammoth Lakes Trail System" – 77 page PDF prepared for TOML adoption documenting build ready standards for MLTS facilities such as: signage and wayfinding; multi use paths; trail amenities, pedestrian facilities; and naming conventions for all MLTS facilities. • CAD Files – 31 editable CAD files prepared for "Town of Mammoth Lakes – Public Works Department Section 600: Mammoth Lakes Trail System" • Updated "Design Intent" documents for MLTS Signage and Wayfinding Program • "Master Messaging" – Editable messaging for "MLTS Signage and Wayfinding" • Draft outline for comprehensive "MLTS Standards Manual" encompassing all aspects of MLTS facilities and programs • Section in Standards Manual complete and in use
211:MLTS Standards		G09	Trail and Mobility Needs	To be considered during Community and Economic Development Department review. WBR, PEDC, Parcel - MTC members to follow up
211:MLTS Standards		INT1	General (soft-surface/hard-surface Interface Considerations	On-going efforts with USFS/TOML/MMSA and others. WBR, PEDC, Parcel - MTC members to follow up
211:MLTS Standards		INT2	North Village	Alignment and signage changes were made this year to improve Uptown/Downtown interface. Propose to MTC addition of 4/6 sign for mapping march 2021
211:MLTS Standards		INT3	Canyon Lodge	No work has been initiated in this area to date.
211:MLTS Standards		INT4	Eagle Lodge	Waterford Signage Project in Proceess Spring 2021. Waiting for Approval MMSA and Juniper Springs

Mammoth Lakes Trail System Master Plan (MLTSMP)

Recommended Projects and Programs

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"Notes" are the original comments from TOML MLTS CC Coordinator Steve Speidel

CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES (last edit January 2021)
211:MLTS Standards		N1	Nodal Typing	• Completed a/o Spring 2021 - additions made as needed • Formal adoption efforts have not begun for Nodal Typology for Portals, Parks, Trailheads, Access/Egress Points, & GIC Points per page 118. May not require However the MLTSMP has been used as a reference to provide guidance.adoption. • Mammoth Lakes Trail System Nodes: Through a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established consensus and documented the nodal typologies as baseline information for consistent naming conventions prior to a formal process to adopt the nodal types.
211:MLTS Standards		N2	Naming of Recreational Nodes	• Completed a/o Spring 2021 - additions made as needed • Formal adoption efforts have not begun for Official Names for each node. May not require adoption. • Standardized Naming Conventions - Nodes: Through a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established consensus and documented naming conventions for nodal typologies. Consensus was reached on naming conventions for some, but not all, of the nodes identified in the TSMP.

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211:MLTS Standards		N3	Uniform Nodal Signage	• Completed a/o Spring 2021 - additions made as needed • Formal adoption efforts have not begun for Nodal Signage. May not require adoption. However the MLTSMP has been used as a reference to provide guidance. • Signage and Wayfinding - Nodes: Through a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established consensus and documented appropriate sign types and methodology for use at identified nodes and for consistent naming conventions and signage opportunities at identified nodes. MLTPA has initiated an inventory, through GPS and photographic means, of existing trail signage at several of the nodes identified in the TSMP.
211:MLTS Standards		N7	Future Nodal Designations	• Completed a/o Spring 2021 - additions made as needed • Formal adoption efforts have not begun for designating nodes. May not require adoption. • Mammoth Lakes Trail System Nodes: Through a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established consensus and documented a process whereby the nodal designations based on “types” as established in the TSMP can be assigned to existing nodes. Several of the nodes have been assigned names based on the existing naming conventions established for the signage and wayfinding program.
211:MLTS Standards		X1	Design of At-Grade MUP Crossings	Within the updated Public Works Standards.
211:MLTS Standards		X2	Specific Intersection & Mid-Block Crossing	To be considered during the on-going Pedestrian Master Plan process. See table 4-8 page 134.
211:MLTS Standards			Near-Term Bike Lanes	Main Street - Needs to be revisited in plan

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221:SHARP Alignments		SS2	Summer Soft-Surface Trails outside the UC	• **Trail Alignments - Sherwins Area Recreation Plan (SHARP):** In conjunction with the Inyo National Forest and the Town, MLTPA convened and facilitated the Sherwins Area Recreation Plan Trails Technical Committee, or SHARP TTC, a volunteer effort led by MLTPA in the summer of 2010 to further refine alignments of trails and recreation facilities as recommended by the Sherwins Working Group in the Sherwins Area Recreation Plan (SHARP) document. The SHARP TTC reviewed and further refined 11 trail and recreation facility alignments as proposed in SHARP. Full documentation of SHARP TTC efforts during the summer of 2010 are documented in the "Sherwins Area Recreation Plan Trails Technical Committee – Summer 2010 Final Report," a 78-page document submitted to both the Inyo National Forest and the Town in the fall of 2010. • Trail Alignments - Sherwins Area Recreation Plan (SHARP): "Summer 2011 Final Report: Alignment Proposals for the Inyo National Forest and the Town of Mammoth Lakes" – report delivered to TOML and USFS 1/26/12 • 9 Meetings + field trips with volunteers over 5 months • 55 community volunteers + 31 meetings • Recommended alignments for 12 SHARP trail recommendations • 14.5 miles of trail alignments • Trail Construction - Sherwins Area Recreation Plan (SHARP): Field preparation of SHARP trail alignment 12b for construction by volunteer efforts through the "Summer of Stewardship: Trail Days" program • 6 field trips with USFS trail specialist staff (Keith Dawley) for the detailed review and design of SHARP trail alignments 12b, 13, 5bN, 5bS, and 15. • Facilitated coordination of a professional topographic survey, completed by Triad/Holmes Associates, of a bridge crossing along SHARP 15. • A Biological Evaluation and a Noxious Weed Risk Assessment of trail alignments SHARP 5bN, 5bS, and 15. These two environmental studies were both conducted by Forest Service Botanist, Sue Weis • The SHARP project is under way.
320:MLTS Easements		G10	Future Access Easements	TOML has developed multiple pedestrian/bike access easements across private lands, additional potentials may exist (see MUP2).

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321:Sherwins Egress		E1	Publish a Trail Guide for Mammoth Lakes	**Sherwins Egress:** 2 winter seasons' coordinated program with Snowcreek, TOML, INF, and MMSA • "Sherwins Egress Handbook" – "how to" documentation of program • Outreach including on site signage; local media; press release; electronic and website communications • Map and map refinements for crossing Snowcreek Property • Refined sign placement as identified with project partners
330:Project Implement		B1	**All Bike Lanes: NOTE**	All bike lanes are being re-evaluated in the General Bikeway Plan update. Anticipated adoption within 3 to 6 month. Bike lanes are required to be include as part of "Complete Streets" Still needs to be re evaluated
330:Project Implement		B1	Near-Term Bike Lanes	• Forest Trail • Meridian Blvd.
330:Project Implement		B2	Bike Lanes on Major Streets	• Minaret Road • Meridian Blvd • Old Mammoth Road • Lake Mary Road
330:Project Implement		B3	Bike Lanes on Collector Streets	• Tavern Road • Sierra Manor Road • Sierra Park Road • Forest Trail • Canyon Blvd. • Lakeview Blvd. • Majestic Pines Drive • Chateau Road • Sierra Nevada Road • Laurel Mt. Road
330:Project Implement		B4	Bike Routes	• North Waterford Ave. • Majestic Pines Drive

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330:Project Implement		BP2	Bicycle Parking Designed by Local Artists	• The Town has designed and produced sample "M" bike racks for use, limited current installations. • Bike Racks: "Report on Outreach Efforts and Feedback on the Mammoth "M" Rack" –report presented to Recreation Commission on November 17, 2011
330:Project Implement		BP3	Subsidized Bicycle Parking Program	• The Town has purchased 15 "M" bike racks for use. • Bike Racks: Working in conjunction with the Town and its purchasing of several Mammoth "M" bike racks, MLTPA developed a complete outreach campaign designed to solicit the participation of a variety of businesses and enterprises in a subsidized Mammoth "M" bike-rack program. Due to manufacturing delays with the racks themselves, the program was not initiated in the summer of 2010, but is ready for implementation in the summer of 2011.
330:Project Implement		E3	Safe Routes to School	On-going efforts by the Public Works Dept.
330:Project Implement		E5	Trails-Related Education Programs	8 interpretive signs are in place and 7 more are funded and will be installed soon.
330:Project Implement		G02	Updated Trail Maps	#490.1 potential $3,000 to fund updated Type 2 and Type 4/6 maps awaiting MLTSCC recommendation & Rec. Com. approval.
330:Project Implement		G03	Uniform Trail Signage	Included in TOML Public Works Standards update which will include uniform signage details.
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Implementation:** Project management, coordination, and logistics for full-day site tours/field work ("Town Loop"): wayfinding logic, messaging logic, consensus destinations, mapping logic, rescue-locator GPS coordinates, sign orientations, photo documentation, etc.
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Messaging:** Creation of mail-merge and Adobe Acrobat tools necessary for sign messaging creation, updating, and final delivery across all identified sign types
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Signage:** Creation of full-size signage replicas of all signage types for field work

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330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Graphics:** "Lakes Basin Path" Final Signage Graphics delivered to TOML for use on ARRA Signage
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Graphics:** Final "Town Trails" Sign Graphics delivered to TOM For use on Town Signage
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Graphics:** MLTS "Plaques" graphics delivered to TOML for use on ARRA Signage
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Messaging:** "Destinations and Symbology" schedule delivered to TOML for use on ARRA Signage
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Messaging:** "Final Messaging Schedule" for "Town Trails" delivered to Town for use on Town Signage
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Messaging:** Lakes Basin Path "Final Messaging Schedule" delivered to TOML for use on ARRA Signage
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding:** • Messaging: Complete messaging for 95 signs - 2/24/11 • Design Intent: Updated "Design Intent" documents – 2/24/11 • Maps: 58 map files for ARRA signage – 2/24/11 • Screwhole Placement Diagram: For all map types – 2/24/11 • Reference Map Files: 5 files for content reference – 2/24/11 • Maps: 58 updated map files for ARRA signage (revised bleed specs + incorporation of new TOML logo) - 7/26/11 • Screwhole Placement Diagram: Updated 3/30/12 • Maps: 20 updated map files for ARRA signage (revised screwhole placement) - 4/3/12 • Shop Drawings: Two complete reviews of shop drawings as submitted by ARRA contractor (1/30/11 + 12/19/11) • Screwhole Placement Diagram: Updated for revised screw heads (12/03/30) • Complete QC (Quality Control) report delivered to TOML on 8/23/12: 12 discreet QC tasks for all 95 signs

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330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding:** 12 "Phase 3" signs - 06/28/11 • Design Intent: Updated "Design Intent" – 06/28/11 • Maps: 17 map files for "Phase 3" signs – 11/03/11 • Maps + Screwhole Placement: updated files 4/17/12 • Spiess Maps: 6 updated map files for Spiess signs on the Lakes Basin Path as well as the Prototype sign in Mammoth Creek Park – 10/04/12 • Complete QC (Quality Control) report delivered to TOML on 10/23/12: 12 discreet QC tasks for all 12 Phase 3 signs • Bollard Plaques: Updated plaques for MLTS bollards and mileage posts using MLTS logo to replace old TOML logo
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Wayfinding Logic:** Through the Mammoth Trails Map, Signage & Wayfinding Subcommittee and a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established a process that successfully implemented a logic for the Mammoth Lakes Trail System signage-and-wayfinding program that successfully incorporated a variety of jurisdictional needs and requirements, including those of the Inyo National Forest, the National Park Service, the Town of Mammoth Lakes, and Mammoth Mountain Ski Area. This process has been documented for inclusion in the MLTS Standards Manual.
330:Project Implement		G04	Interpretive Signage	#473 includes 7 new funded interpretive signage panels to be installed fall of 2013 or spring 2014.
330:Project Implement		G11	Trail Coordinator	The MLTSCC has been created and a coordinator established to facilitate trails projects and programs.
330:Project Implement		G12	Coordination with local NGO's	The Town & MLTSCC have entered into contracts with local NGO's to provide services to enhance the trail system.

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330:Project Implement		G12	Coordination with local NGO's	**Master Agreement:** MLTPA and the Town of Mammoth Lakes successfully negotiated and adopted a master agreement between the two organizations that allows for an ongoing contractual relationship that can be modified by amendment, with each amendment providing specific scopes of work and identified funding sources.
330:Project Implement		MUP01	Near-Term MUP Projects	Lake Mary Bike Path - Complete.
330:Project Implement		MUP02	Complete the Main Path Loop	Mammoth Creek Gap Closure - Enviro on-going, construct spring 2016.
330:Project Implement		MUP02	Complete the Main Path Loop	Town Loop: Through the Mammoth Trails Map, Signage & Wayfinding Subcommittee and a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established a process that successfully created a "Town Loop" using existing trail facilities; the project was made possible through the implementation of the Mammoth Lakes Trail System signage-and wayfinding program. The Town Loop should be sufficiently signed for visitor enjoyment by the summer of 2011. MLTPA also initiated a process for the management of the MLTS that will establish priorities for MLTS's phased implementation.
330:Project Implement		MUP02	Near-Term MUP Projects	Old Mammoth Road 4B - Complete.
330:Project Implement		MUP03	Complete the Main Path Loop	Lodestar Extension - Awaiting TOML to obtain easement (see G10).
330:Project Implement		MUP03	In-Town MUP Connectors	College Connector Path - Complete.
330:Project Implement		MUP03	Near-Term MUP Projects	Waterford Bridge - Construction start 2014.
330:Project Implement		MUP04	Complete the Main Path Loop	Main Street Path - pending planning efforts to up-grade streetscape.
330:Project Implement		MUP04	In-Town MUP Connectors	Meadow Lane Connector Path - Ready to Start Construction summer 2013.
330:Project Implement		MUP04	MUP's Outside the UGB	Shady Rest Park Path Extension- Yet to begin planning.
330:Project Implement		MUP04	Near-Term MUP Projects	Sherwin St. Bridge - Complete.
330:Project Implement		MUP05	In-Town MUP Connectors	Manzanita Path - Phase One complete, awaiting private development.
330:Project Implement		MUP05	Lighting on the MUP's	College Connector Path - contains solar lighting.
330:Project Implement		MUP05	MUP's Outside the UGB	Forest Trail to Shady Rest Connector- Yet to begin planning.

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330:Project Implement		MUP05	Near-Term MUP Projects	Manzanita Path - Phase One complete, awaiting adjoining private development.
330:Project Implement		MUP06	In-Town MUP Connectors	Mammoth Elementary Connector Path - Opportunities for MLTSCC to provide partial funding,
330:Project Implement		MUP06	MUP's Outside the UGB	Knolls Path (south route)- Yet to begin planning.
330:Project Implement		MUP07	In-Town MUP Connectors	(see master Tracker #TR-11).
330:Project Implement		MUP07	MUP's Outside the UGB	Mammoth Creek Path (east)- Yet to begin planning.
330:Project Implement		MUP08	In-Town MUP Connectors	Industrial Park Connector - Yet to begin planning.
330:Project Implement		MUP08	MUP's Outside the UGB	Sherwin/Snowcreek VIII Connector
330:Project Implement		MUP09	In-Town MUP Connectors	MCWD Access - Yet to begin planning.
330:Project Implement		MUP10	In-Town MUP Connectors	Lodestar to Bear Lake Connector
330:Project Implement		MUP11	In-Town MUP Connectors	Hidden Valley to Minaret Connector
330:Project Implement		MUP12	In-Town MUP Connectors	Center Street to Hidden Creek Connector
330:Project Implement		MUP13	In-Town MUP Connectors	Manzanita Road to Tavern Road Connector
330:Project Implement		MUP14	In-Town MUP Connectors	Manzanita Road Path
330:Project Implement		MUP15	In-Town MUP Connectors	North Village to St. Anton Connector
330:Project Implement		MUP16	In-Town MUP Connectors	Eagle Path
410:Management Plan		G14	Action Plan	MLTSCC has developed a Master Project & Budget Tracking List
420:Governance		G15	Trail System Management MOU	The Town and USFS have created two MOU's, Trail System and Website
420:Governance		G16	Mammoth Lakes Trail System MLTS	The MLTSCC is administrating an integrated Trail System

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420:Governance		G16	Mammoth Lakes Trail System MLTS	**Mammoth Lakes Trail System Management Program:** "Inaugural Documents of Authority" – 6 Project tracks including the following: "Proposal from the Town of Mammoth Lakes to the United States Forest Service with Regard to a Mammoth Lakes Trail System"; "MLTS Assets"; "Intellectual Property"; "Governance"; "Operations and Maintenance"; "Capacity and Resources" • Town Council Action: Approval of a resolution for an enhanced relationship with the United States Forest Service. • Town Council Action: Approval of a five year $300,00 annual commitment to the Mammoth Lakes Trail System from Measure R • Town Council Action: Approval of the establishment of the Mammoth Lakes Trail System Coordinating Committee • " MLTS Management Program: Draft - March 23, 2012" – Draft Management Program using "Tahoe Rim Trail Management Plan" as reference • Presentation of "Draft Management Program" to MLTS CC
431:MammothTrails		E2	Annual Events/Calendar	No work has been initiated in this area to date.
431:MammothTrails		E2	Annual Events/Calendar	**Event Calendar:** An event-scheduling calendar was developed for use by Mammoth Trails members. It was intended for use internally by Mammoth Trails charter signatories, with integration into the visitmammoth.com website.
431:MammothTrails		E2	Publish a Trail Guide for Mammoth Lakes	USFS may be updating the Winter Recreation Map.
431:MammothTrails		E7	NGO's/Mammoth Trails	MLTSCC Project #431 Mammoth Trails is listed but not funded to date.

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431:MammothTrails		E7	NGO's/Mammoth Trails	**Mammoth Trails:** 17 monthly meetings since February 16, 2011 • Source of user group "experiences" for MLTS Website • Source of user group partners for "Summer of Stewardship: Trail Days" • Community input for MLTS planning: "MLTS: Signage and Wayfinding" program through "Mammoth Trails: Map, Sign and Wayfinding Committee" • User group coordination of special events • Opportunity for community engagement: "Shady Rest Motorized Staging Area" trailhead development • Opportunity for community engagement: "Casa Diablo 4 Geothermal Project" • Opportunity for community engagement: "USFS: Travel Management Implementation" • Opportunity for community engagement: "USFS: Inyo Forest Plan Update" • Opportunity for community engagement: "Enhanced TOML/USFS Partnership"
451:MLTS Website		E1	Publish a Trail Guide for Mammoth Lakes	The MLTS website is up and running. Additional pages are being developed.
460:Info Systems		A1	MUP & Trail ADA Assessment	Has work been initiated in this area?
460:Info Systems		A1	MUP & Trail ADA Assessment	Significant effort has already been completed re: UTAP Data collection and posting on MLTS Website. See mammottrails.org or G7 Data Managment
460:Info Systems		A2	Pedestrian ADA Assessment	Has work been initiated in this area?
460:Info Systems		A3	Signage and Information	No work has been initiated in this area to date.
461:MLTS Data Library		G07	Data Management	TOML maintains and updates data within existing GIS framework.
461:MLTS Data Library		G07	Data Management	**Data Library:** 2,045 MLTS maps and reference documents scanned and converted to searchable PDF files
461:MLTS Data Library		G07	Data Management	**Data Library:** 6 sets of GIS data and updates delivered to the Town
461:MLTS Data Library		G07	Data Management	**Data Library:** Metadata updates to all MLTS GIS Data and delivery to Town
461:MLTS Data Library		G07	Data Management	**Signage and Wayfinding:** GPS and photo inventory of all MLTS MUP and trail signage delivered to Town
461:MLTS Data Library		G07	Data Management	**Signage and Wayfinding:** GPS and photo inventory of all MLTS node signage delivered to Town

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461:MLTS Data Library		G07	Data Management	**Trail Map:** Winter recreation map GIS data delivered to Town
461:MLTS Data Library		G07	Data Management	**Data Library:** MLTPA updated and maintained "…a reliable combined data source of GIS data from all federal, state, county, municipal and private sources in the Mammoth Lakes region…."
461:MLTS Data Library		G07	Data Management	**Data Library:** GIS documentation of 2640 pieces of MLTS infrastructure (trails, signage, trailheads, campgrounds, etc) • All GIS data cleaned, sorted, assigned metadata, with photos where appropriate • Mapping efforts in support of various projects on "as needed basis": "Mammoth Trails", "Biathlon", "MLTS Management Program", "MLTS Website", "MLTS: Signage and Wayfinding Program", etc. • UTAP (ADA) data collection and data development for MLTS infrastructure • GIS data source for all "MLTS: Signage and Wayfinding" maps • GIS data source for all maps on "MLTS Website" • Management of QR code program for "MLTS: Signage and Wayfinding" • Management of QR code program for "MLTS: Interpretive Signage Program" • Installation, collection and management of MLTS trail counter program and data • Coordination of QC efforts for "MLTS: Signage and Wayfinding" program • Ongoing delivery and coordination of all GIS data collection and data development efforts with agency partners (TOML + USFS)
461:MLTS Data Library		N8	Updates to GIC Database	GIS data base include GIC Points and is being maintained by the Town.
461:MLTS Data Library		N8	Updates to GIC Database	**GIC Database:** All changes to point-based geographic data within the extent of the Mammoth Lakes Trail System is being tracked by MLTPA and monitored for its possible implications to the GIC. While the incremental changes to the data set are being tracked and documented by MLTPA, a formal update to the GIC has not been published.
471:MLTS Interp		E4	Trails-Related Education Programs	FOI Lakes Basin Stewards program provides tour and interpretive information to users. • ESIA? Parks and Rec?
471:MLTS Interp		E5	Trips for Kids	No work has been initiated in this area to date. • ESIA? Parks and Rec?

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CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES (last edit January 2021)
471:MLTS Interpretive		G04	Interpretive Signage	**Interpretive Program:** "Interpretive Services Planning: Opportunities for Interpretation along the Mammoth Lakes Trail System" report. Recommended by MLTS CC to the Recreation Commission and Town Council for adoption as part of the TSMP • Coordination and delivery to USFS of 3rd party photos for use on interpretive panels at Visitor Plaza and on MLTS interpretive panels funded by ARRA • Detailed QC and content notes on 8 "MLTS Interpretive Panels" by Fallon Multimedia for the USFS • "Mammoth Lakes Trail System: Interpretive Program": Development and presentation to USFS, TOML and ESIA staffs on the opportunities for technology in contemporary interpretation efforts and potential applications for the MLTS.
471:MLTS Interpretive		G04	Interpretive Signage	QR Code interface for enhanced interpretive content built and integrated into MLTS Website and MLTS Interpretive Panels
491:Photo Library		E1	Publish a Trail Guide for Mammoth Lakes	**Mammoth Lakes Trail System Photo Library:** 5,000 + RAW format (DNG) photos documenting the MLTS; Copyrighted for TOML; Keyworded with MLTS metadata; Named using standardized naming conventions • "Mammoth Lakes Trail System: Photo Library - September 2, 2012" – document detailing photo workflow and protocols for the following: "MLTPA Photo Library Workflow"; "MLTPA Photo Library: Expression Media Reader Workflow"; "SlideShow Pro Workflow"; "Holux Workflow"; "WordPress Workflow"; "Image Request"; "Model Release" • "Master Keywords" – Editable list of all keywords used in the Photo Library
511:SS Trail Maint		E6	Establish a Trail Patrol	• FOI Lakes Basin Stewards and Summer of Stewardship programs are in place. • Initiated in 2019, Trail Host and Adopt A Trail

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Mammoth Lakes Trail System Master Plan (MLTSMP)

Recommended Projects and Programs

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611:Adopt A Trail		E6	Establish a Trail Patrol	• **Adopt-A-Trail:** MLTPA coordinated with the Town to reinvigorate the Town's dormant Adopt-a-Trail program. Existing documentation for the Town's program was located and scanned and an inventory of the existing program was documented. Reestablishment of the program was phased to coincide with the new MLTS signage program's ability to extend recognition to Adopt-a-Trail partners and to conferring with the Inyo National Forest with regards to any constraints the agency may have for Adopt-a-Trail programs on federal land. • Initiated in 2019, Trail Host and Adopt A Trail
711:MLTS Marketing		G12	Coordination with local NGO's	**Mammoth Lakes Trail System Marketing:** "MLTS Flyer" – "One Sheet" documentation of Mammoth Lakes Trail System including inventory of facilities and proximity to regional attractions • "MLTS Logo + Brand Guidelines" – Logo and brand standards for the Mammoth Lakes Trail System logo and brand. Adopted by Town Council • Photographs and communications to KCET in Los Angeles re: Lakes Basin Path • "MLTS Grand Opening" – Coordination of partners, outreach, media, promotion and coordination of events for the celebration of MLTS ARRA projects and the grand opening of the Mammoth Lakes Trail System.
		B4	**Bike Routes: NOTE**	"Bike Route" is being eliminated as a category. Bike Routes will be incorporated into bike lanes where appropriate.
		G02	Updated Trail Maps	Trail Map: "Winter Recreation Map"- creation of master map file; printed and distributed by the Town

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CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES
100:Planning		N4	Public Transit Access to Recreation Nodes	On-going. The Town maintains a list from the Mobility Commission's work.
100:Planning		N5	Summer Recreation Nodes	On-going, signage, transit stops, parking. See Table 4-2 page 120.
100:Planning		N6	Winter Recreation Nodes	On-going with some signage and limited transit. See Table 4-3 page 123.
100:Planning		P1	Sidewalk to Major Roadway Ratio	New sidewalks have been installed as part of Safe Routes to Schools - Sierra Park Road, Sierra Nevada Road.
100:Planning		P2	Sidewalk to Major Roadway Ratio	Meridian and Canyon are in the planning phase.
100:Planning		P2	Sidewalks along Major Roads	Projects are being considered in the Pedestrian Master Plan.
100:Planning		P3	Sidewalk to Major Roadway Ratio	Other projects are being considered in the Pedestrian Master Plan.
100:Planning		P3	Sidewalks along Collector or Local Streets	Projects are being considered in the Pedestrian Master Plan.
100:Planning		P4	Mid-Block Pedestrian Connectors	Projects are being considered in the Pedestrian Master Plan.
100:Planning		SS1	Snowcreek Meadow Trail	40 foot existing easement. No work has been initiated in this area to date.
100:Planning		SS3	Shady Rest Winter Trails	The USFS has proposed and is studying a revision to winter staging at Shady Rest.
110:Strategic Planning		G12	Coordination with local NGO's	**Mammoth Lakes Recreation/RECSTRATS:** MLTPA convened and helped to facilitate the Mammoth Regional Recreation Council and Mammoth Lakes Recreation development process, which sought to specifically identify opportunities for non-governmental organizations' participation in the Mammoth Lakes Trail System along with other recreation opportunities. This process was the basis for RecStrats.
120:Collab. Planning		G13	Summit Process	No recent summits have been initiated.
120:Collab. Planning		G13	Summit Process	**Collaborative Planning - "Sherwins Area Recreation Plan (SHARP)":** drafting, circulation for approval, and distribution
120:Collab. Planning		G13	Summit Process	**Collaborative Planning - "Sherwins Working Group":** convening, noticing, public outreach, documentation, and web hosting

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120:Collab. Planning		G13	Summit Process	**Collaborative Planning - Shady Rest/Inyo Craters Working Group:** "Shady Rest / Inyo Craters Existing Conditions Analysis" – preparation of preliminary existing conditions/scoping analysis Map: Preparation od preliminary project area map
210:Guidelines		A4	Pathway Surface Materials	Within the updated Public Works Standards..
210:Guidelines		BP1	Bicycle Parking Requirements	The Zoning Code Update will contain bike parking requirements.
210:GuidelinesStandards		G05	Trail-Oriented Development	Community and Economic Development Department reviews proposals based on adopted trail plans.
210:GuidelinesStandards		G06	Pedestrian-Oriented Development	Community and Economic Development Department reviews proposals based on adopted trail plans.
211:MLTS Standards		G01	Naming Conventions	On-going, within the updated Public Works Standards. To be adopted by Town Council in the future.
211:MLTS Standards		G01	Naming Conventions	**Trail Naming:** Through a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, the Mammoth Trails Map, Signage & Wayfinding Subcommittee, and other interested parties, MLTPA established consensus and documented new naming conventions for several trails in the Mammoth Lakes Trail System, including the Lakes Basin Path (formerly the Lake Mary Road Bike Path). A process for naming of future trails was established as well.
211:MLTS Standards		G01	Naming Conventions	**Standardized Naming Conventions - Symbology:** Through a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established consensus and documented the use of recreation and service symbology as part of the signage-and-wayfinding program for the Mammoth Lakes Trail System. Use of this symbology will most likely be incorporated into the Mammoth Trails website; the baseline symbol set has been developed based on symbols developed by the National Park Service.

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CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES
211:MLTS Standards		G01	Naming Conventions	**Standardized Naming Conventions:** Through the Mammoth Trails Map, Signage & Wayfinding Subcommittee and a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established consensus and documented consistent naming conventions for the full variety of facilities and destinations that make up the Mammoth Lakes Trail System, as well as established a logic for naming future opportunities. Representatives of both the Recreation and Planning Commissions reviewed the standardized naming conventions.
211:MLTS Standards		G02	Updated Trail Maps	#731 @ $3,000 + potential $3,000 set a side to fund map updates. Winter Rec. Map update w/USFS discussions ongoing.
211:MLTS Standards		G02	Updated Trail Maps	**Trail Maps:** Through a consensus process known as the MLTS Map Committee and made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established consensus and documented all necessary graphic and content needs for a mapping program for the MLTS. Three maps were produced: the full MLTS extent map, the “Town” sub-region map, and the “Lakes Basin” sub-region map. This effort has laid the foundation for further MLTS mapping efforts as well as for the articulation of the MLTS mapping program in multiple media, including the Internet, smartphone technology, and analog media.

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CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES
211:MLTS Standards		G03	Uniform Trail Signage	**Signage and Wayfinding Implementation:** Through the Mammoth Trails Map, Signage & Wayfinding Subcommittee and a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established a process that successfully implemented the steps and actions identified in Section 5.2.15. This process has been documented for inclusion in the Mammoth Lakes Trail System Standards Manual; process deliverables were submitted to the Town for inclusion in the ARRA signage and- wayfinding program to be installed in the summer of 2011.
211:MLTS Standards		G03	Uniform Trail Signage	**Signage and Wayfinding - Standards:** Convening and facilitation of partner meetings (TOML, INF, and MLTPA) to develop consensus standards for Mammoth Lakes Trail System signage and wayfinding, including documentation of partner consensus
211:MLTS Standards		G03	Uniform Trail Signage	**Signage and Wayfinding:** Standards/Graphics Creation and updating of all sign-type graphics based on Chapter 5 of the Draft Trail System Master Plan
211:MLTS Standards		G08	Design Guidelines	Included in TOML Public Works Standards update.
211:MLTS Standards		G08	Design Guidelines	**Standards Manual:** Preliminary discussions were held with the Town's Public Works Department to establish a process whereby graphic, technical, and naming-convention standards could be incorporated into the Town's Public Works Standard Plan.

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211:MLTS Standards		G08	Design Guidelines	**Standards Manual:** "Town of Mammoth Lakes – Public Works Department Section 600: Mammoth Lakes Trail System" – 77 page PDF prepared for TOML adoption documenting build ready standards for MLTS facilities such as: signage and wayfinding; multi use paths; trail amenities, pedestrian facilities; and naming conventions for all MLTS facilities. • CAD Files – 31 editable CAD files prepared for "Town of Mammoth Lakes – Public Works Department Section 600: Mammoth Lakes Trail System" • Updated "Design Intent" documents for MLTS Signage and Wayfinding Program • "Master Messaging" – Editable messaging for "MLTS Signage and Wayfinding" • Draft outline for comprehensive "MLTS Standards Manual" encompassing all aspects of MLTS facilities and programs
211:MLTS Standards		G09	Trail and Mobility Needs	To be considered during Community and Economic Development Department review.
211:MLTS Standards		INT1	General (soft-surface/hard-surface Interface Considerations	On-going efforts with USFS/TOML/MMSA and others.
211:MLTS Standards		INT2	North Village	Alignment and signage changes were made this year to improve Uptown/Downtown interface.
211:MLTS Standards		INT3	Canyon Lodge	No work has been initiated in this area to date.
211:MLTS Standards		INT4	Eagle Lodge	Striping and signage in the parking area has improved the interface.
211:MLTS Standards		N1	Nodal Typing	Formal adoption efforts have not begun for Nodal Typology for Portals, Parks, Trailheads, Access/Egress Points, & GIC Points per page 118. May not require However the MLTSMP has been used as a reference to provide guidance.adoption.

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CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES
211:MLTS Standards		N1	Nodal Typing	**Mammoth Lakes Trail System Nodes:** Through a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established consensus and documented the nodal typologies as baseline information for consistent naming conventions prior to a formal process to adopt the nodal types.
211:MLTS Standards		N2	Naming of Recreational Nodes	Formal adoption efforts have not begun for Official Names for each node. May not require adoption.
211:MLTS Standards		N2	Naming of Recreational Nodes	**Standardized Naming Conventions - Nodes:** Through a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established consensus and documented naming conventions for nodal typologies. Consensus was reached on naming conventions for some, but not all, of the nodes identified in the TSMP.
211:MLTS Standards		N3	Uniform Nodal Signage	Formal adoption efforts have not begun for Nodal Signage. May not require adoption. However the MLTSMP has been used as a reference to provide guidance.
211:MLTS Standards		N3	Uniform Nodal Signage	**Signage and Wayfinding - Nodes:** Through a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established consensus and documented appropriate sign types and methodology for use at identified nodes and for consistent naming conventions and signage opportunities at identified nodes. MLTPA has initiated an inventory, through GPS and photographic means, of existing trail signage at several of the nodes identified in the TSMP.
211:MLTS Standards		N7	Future Nodal Designations	Formal adoption efforts have not begun for designating nodes. May not require adoption.

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CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES
211:MLTS Standards		N7	Future Nodal Designations	**Mammoth Lakes Trail System Nodes:** Through a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established consensus and documented a process whereby the nodal designations based on "types" as established in the TSMP can be assigned to existing nodes. Several of the nodes have been assigned names based on the existing naming conventions established for the signage and wayfinding program.
211:MLTS Standards		X1	Design of At-Grade MUP Crossings	Within the updated Public Works Standards.
211:MLTS Standards		X2	Specific Intersection & Mid-Block Crossing	To be considered during the on-going Pedestrian Master Plan process. See table 4-8 page 134.
211:MLTS Standards			Near-Term Bike Lanes	Main Street
221:SHARP Alignments		SS2	Summer Soft-Surface Trails outside the UC	**Trail Alignments - Sherwins Area Recreation Plan (SHARP):** In conjunction with the Inyo National Forest and the Town, MLTPA convened and facilitated the Sherwins Area Recreation Plan Trails Technical Committee, or SHARP TTC, a volunteer effort led by MLTPA in the summer of 2010 to further refine alignments of trails and recreation facilities as recommended by the Sherwins Working Group in the Sherwins Area Recreation Plan (SHARP) document. The SHARP TTC reviewed and further refined 11 trail and recreation facility alignments as proposed in SHARP. Full documentation of SHARP TTC efforts during the summer of 2010 are documented in the "Sherwins Area Recreation Plan Trails Technical Committee – Summer 2010 Final Report," a 78-page document submitted to both the Inyo National Forest and the Town in the fall of 2010.

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221:SHARP Alignments		SS2	Summer Soft-Surface Trails outside the UC	**Trail Alignments - Sherwins Area Recreation Plan (SHARP):** "Summer 2011 Final Report: Alignment Proposals for the Inyo National Forest and the Town of Mammoth Lakes" – report delivered to TOML and USFS 1/26/12 • 9 Meetings + field trips with volunteers over 5 months • 55 community volunteers + 31 meetings • Recommended alignments for 12 SHARP trail recommendations • 14.5 miles of trail alignments
221:SHARP Alignments		SS2	Summer Soft-Surface Trails outside the UC	**Trail Construction - Sherwins Area Recreation Plan (SHARP):** Field preparation of SHARP trail alignment 12b for construction by volunteer efforts through the "Summer of Stewardship: Trail Days" program • 6 field trips with USFS trail specialist staff (Keith Dawley) for the detailed review and design of SHARP trail alignments 12b, 13, 5bN, 5bS, and 15. • Facilitated coordination of a professional topographic survey, completed by Triad/Holmes Associates, of a bridge crossing along SHARP 15. • A Biological Evaluation and a Noxious Weed Risk Assessment of trail alignments SHARP 5bN, 5bS, and 15. These two environmental studies were both conducted by Forest Service Botanist, Sue Weis
311:SHARP NEPA/CEQA		SS2	Summer Soft-Surface Trails outside the UC	The SHARP project is under way.
320:MLTS Easements		G10	Future Access Easements	TOML has developed multiple pedestrian/bike access easements across private lands, additional potentials may exist (see MUP2).
321:Sherwins Egress		E1	Publish a Trail Guide for Mammoth Lakes	**Sherwins Egress:** 2 winter seasons' coordinated program with Snowcreek, TOML, INF, and MMSA • "Sherwins Egress Handbook" – "how to" documentation of program • Outreach including on site signage; local media; press release; electronic and website communications • Map and map refinements for crossing Snowcreek Property • Refined sign placement as identified with project partners
330:Project Implement		B1	**All Bike Lanes: NOTE**	All bike lanes are being re-evaluated in the General Bikeway Plan update. Anticipated adoption within 3 to 6 month. Bike lanes are required to be include as part of "Complete Streets"

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330:Project Implement		B1	Near-Term Bike Lanes	Forest Trail
330:Project Implement		B1	Near-Term Bike Lanes	Meridian Blvd.
330:Project Implement		B2	Bike Lanes on Major Streets	Minaret Road
330:Project Implement		B2	Bike Lanes on Major Streets	Lake Mary road
330:Project Implement		B2	Bike Lanes on Major Streets	Meridian Blvd.
330:Project Implement		B2	Bike Lanes on Major Streets	Old Mammoth Road
330:Project Implement		B3	Bike Lanes on Collector Streets	Tavern Road
330:Project Implement		B3	Bike Lanes on Collector Streets	Sierra Manor Road
330:Project Implement		B3	Bike Lanes on Collector Streets	Sierra Park Road
330:Project Implement		B3	Bike Lanes on Collector Streets	Forest Trail
330:Project Implement		B3	Bike Lanes on Collector Streets	Canyon Blvd.
330:Project Implement		B3	Bike Lanes on Collector Streets	Lakeview Blvd.
330:Project Implement		B3	Bike Lanes on Collector Streets	Majestic Pines Drive
330:Project Implement		B3	Bike Lanes on Collector Streets	Chateau Road
330:Project Implement		B3	Bike Lanes on Collector Streets	Sierra Nevada road
330:Project Implement		B3	Bike Lanes on Collector Streets	Laurel Mt. Road
330:Project Implement		B4	Bike Routes	North Waterford Ave.
330:Project Implement		B4	Bike Routes	Majestic Pines Drive
330:Project Implement		BP2	Bicycle Parking Designed by Local Artists	The Town has designed and produced sample "M" bike racks for use, limited current installations.
330:Project Implement		BP2	Bicycle Parking Designed by Local Artists	**Bike Racks:** "Report on Outreach Efforts and Feedback on the Mammoth "M" Rack" –report presented to Recreation Commission on November 17, 2011
330:Project Implement		BP3	Subsidized Bicycle Parking Program	The Town has purchased 15 "M" bike racks for use.

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330:Project Implement		BP3	Subsidized Bicycle Parking Program	**Bike Racks:** Working in conjunction with the Town and its purchasing of several Mammoth "M" bike racks, MLTPA developed a complete outreach campaign designed to solicit the participation of a variety of businesses and enterprises in a subsidized Mammoth "M" bike-rack program. Due to manufacturing delays with the racks themselves, the program was not initiated in the summer of 2010, but is ready for implementation in the summer of 2011.
330:Project Implement		E3	Safe Routes to School	On-going efforts by the Public Works Dept.
330:Project Implement		E5	Trails-Related Education Programs	8 interpretive signs are in place and 7 more are funded and will be installed soon.
330:Project Implement		G02	Updated Trail Maps	#490.1 potential $3,000 to fund updated Type 2 and Type 4/6 maps awaiting MLTSCC recommendation & Rec. Com. approval.
330:Project Implement		G03	Uniform Trail Signage	Included in TOML Public Works Standards update which will include uniform signage details.
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Implementation:** Project management, coordination, and logistics for full-day site tours/field work ("Town Loop"): wayfinding logic, messaging logic, consensus destinations, mapping logic, rescue-locator GPS coordinates, sign orientations, photo documentation, etc.
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Messaging:** Creation of mail-merge and Adobe Acrobat tools necessary for sign messaging creation, updating, and final delivery across all identified sign types
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Signage:** Creation of full-size signage replicas of all signage types for field work
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Graphics:** "Lakes Basin Path" Final Signage Graphics delivered to TOML for use on ARRA Signage
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Graphics:** Final "Town Trails" Sign Graphics delivered to TOM For use on Town Signage

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330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Graphics:** MLTS "Plaques" graphics delivered to TOML for use on ARRA Signage
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Messaging:** "Destinations and Symbology" schedule delivered to TOML for use on ARRA Signage
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Messaging:** "Final Messaging Schedule" for "Town Trails" delivered to Town for use on Town Signage
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Messaging:** Lakes Basin Path "Final Messaging Schedule" delivered to TOML for use on ARRA Signage
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding:** • Messaging: Complete messaging for 95 signs - 2/24/11 • Design Intent: Updated "Design Intent" documents – 2/24/11 • Maps: 58 map files for ARRA signage – 2/24/11 • Screwhole Placement Diagram: For all map types – 2/24/11 • Reference Map Files: 5 files for content reference – 2/24/11 • Maps: 58 updated map files for ARRA signage (revised bleed specs + incorporation of new TOML logo) - 7/26/11 • Screwhole Placement Diagram: Updated 3/30/12 • Maps: 20 updated map files for ARRA signage (revised screwhole placement) - 4/3/12 • Shop Drawings: Two complete reviews of shop drawings as submitted by ARRA contractor (1/30/11 + 12/19/11) • Screwhole Placement Diagram: Updated for revised screw heads (12/03/30) • Complete QC (Quality Control) report delivered to TOML on 8/23/12: 12 discreet QC tasks for all 95 signs

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CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding:** 12 "Phase 3" signs - 06/28/11 • Design Intent: Updated "Design Intent" – 06/28/11 • Maps: 17 map files for "Phase 3" signs – 11/03/11 • Maps + Screwhole Placement: updated files 4/17/12 • Spiess Maps: 6 updated map files for Spiess signs on the Lakes Basin Path as well as the Prototype sign in Mammoth Creek Park – 10/04/12 • Complete QC (Quality Control) report delivered to TOML on 10/23/12: 12 discreet QC tasks for all 12 Phase 3 signs • Bollard Plaques: Updated plaques for MLTS bollards and mileage posts using MLTS logo to replace old TOML logo
330:Project Implement		G03	Uniform Trail Signage	**Signage and Wayfinding - Wayfinding Logic:** Through the Mammoth Trails Map, Signage & Wayfinding Subcommittee and a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established a process that successfully implemented a logic for the Mammoth Lakes Trail System signage-and-wayfinding program that successfully incorporated a variety of jurisdictional needs and requirements, including those of the Inyo National Forest, the National Park Service, the Town of Mammoth Lakes, and Mammoth Mountain Ski Area. This process has been documented for inclusion in the MLTS Standards Manual.
330:Project Implement		G04	Interpretive Signage	#473 includes 7 new funded interpretive signage panels to be installed fall of 2013 or spring 2014.
330:Project Implement		G11	Trail Coordinator	The MLTSCC has been created and a coordinator established to facilitate trails projects and programs.
330:Project Implement		G12	Coordination with local NGO's	The Town & MLTSCC have entered into contracts with local NGO's to provide services to enhance the trail system.

Mammoth Lakes Trail System Master Plan (MLTSMP)

Recommended Projects and Programs

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CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES
330:Project Implement		G12	Coordination with local NGO's	**Master Agreement:** MLTPA and the Town of Mammoth Lakes successfully negotiated and adopted a master agreement between the two organizations that allows for an ongoing contractual relationship that can be modified by amendment, with each amendment providing specific scopes of work and identified funding sources.
330:Project Implement		MUP01	Near-Term MUP Projects	Lake Mary Bike Path - Complete.
330:Project Implement		MUP02	Complete the Main Path Loop	Mammoth Creek Gap Closure - Enviro on-going, construct spring 2016.
330:Project Implement		MUP02	Complete the Main Path Loop	Town Loop: Through the Mammoth Trails Map, Signage & Wayfinding Subcommittee and a consensus process made up of staff members from the Town of Mammoth Lakes, the Inyo National Forest, Mammoth Mountain Ski Area, and other interested parties, MLTPA established a process that successfully created a "Town Loop" using existing trail facilities; the project was made possible through the implementation of the Mammoth Lakes Trail System signage-and wayfinding program. The Town Loop should be sufficiently signed for visitor enjoyment by the summer of 2011. MLTPA also initiated a process for the management of the MLTS that will establish priorities for MLTS's phased implementation.
330:Project Implement		MUP02	Near-Term MUP Projects	Old Mammoth Road 4B - Complete.
330:Project Implement		MUP03	Complete the Main Path Loop	Lodestar Extension - Awaiting TOML to obtain easement (see G10).
330:Project Implement		MUP03	In-Town MUP Connectors	College Connector Path - Complete.
330:Project Implement		MUP03	Near-Term MUP Projects	Waterford Bridge - Construction start 2014.
330:Project Implement		MUP04	Complete the Main Path Loop	Main Street Path - pending planning efforts to up-grade streetscape.
330:Project Implement		MUP04	In-Town MUP Connectors	Meadow Lane Connector Path - Ready to Start Construction summer 2013.
330:Project Implement		MUP04	MUP's Outside the UGB	Shady Rest Park Path Extension- Yet to begin planning.
330:Project Implement		MUP04	Near-Term MUP Projects	Sherwin St. Bridge - Complete.
330:Project Implement		MUP05	In-Town MUP Connectors	Manzanita Path - Phase One complete, awaiting private development.
330:Project Implement		MUP05	Lighting on the MUP's	College Connector Path - contains solar lighting.

Mammoth Lakes Trail System Master Plan (MLTSMP)

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330:Project Implement		MUP05	MUP's Outside the UGB	Forest Trail to Shady Rest Connector- Yet to begin planning.
330:Project Implement		MUP05	Near-Term MUP Projects	Manzanita Path - Phase One complete, awaiting adjoining private development.
330:Project Implement		MUP06	In-Town MUP Connectors	Mammoth Elementary Connector Path - Opportunities for MLTSCC to provide partial funding,
330:Project Implement		MUP06	MUP's Outside the UGB	Knolls Path (south route)- Yet to begin planning.
330:Project Implement		MUP07	In-Town MUP Connectors	(see master Tracker #TR-11).
330:Project Implement		MUP07	MUP's Outside the UGB	Mammoth Creek Path (east)- Yet to begin planning.
330:Project Implement		MUP08	In-Town MUP Connectors	Industrial Park Connector - Yet to begin planning.
330:Project Implement		MUP08	MUP's Outside the UGB	Sherwin/Snowcreek VIII Connector
330:Project Implement		MUP09	In-Town MUP Connectors	MCWD Access - Yet to begin planning.
330:Project Implement		MUP10	In-Town MUP Connectors	Lodestar to Bear Lake Connector
330:Project Implement		MUP11	In-Town MUP Connectors	Hidden Valley to Minaret Connector
330:Project Implement		MUP12	In-Town MUP Connectors	Center Street to Hidden Creek Connector
330:Project Implement		MUP13	In-Town MUP Connectors	Manzanita Road to Tavern Road Connector
330:Project Implement		MUP14	In-Town MUP Connectors	Manzanita Road Path
330:Project Implement		MUP15	In-Town MUP Connectors	North Village to St. Anton Connector
330:Project Implement		MUP16	In-Town MUP Connectors	Eagle Path
410:Management Plan		G14	Action Plan	MLTSCC has developed a Master Project & Budget Tracking List
420:Governance		G15	Trail System Management MOU	The Town and USFS have created two MOU's, Trail System and Website
420:Governance		G16	Mammoth Lakes Trail System MLTS	The MLTSCC is administrating an integrated Trail System

Mammoth Lakes Trail System Master Plan (MLTSMP)

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CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES
420:Governance		G16	Mammoth Lakes Trail System MLTS	**Mammoth Lakes Trail System Management Program:** "Inaugural Documents of Authority" – 6 Project tracks including the following: "Proposal from the Town of Mammoth Lakes to the United States Forest Service with Regard to a Mammoth Lakes Trail System"; "MLTS Assets"; "Intellectual Property"; "Governance"; "Operations and Maintenance"; "Capacity and Resources" • Town Council Action: Approval of a resolution for an enhanced relationship with the United States Forest Service. • Town Council Action: Approval of a five year $300,00 annual commitment to the Mammoth Lakes Trail System from Measure R • Town Council Action: Approval of the establishment of the Mammoth Lakes Trail System Coordinating Committee • " MLTS Management Program: Draft - March 23, 2012" – Draft Management Program using "Tahoe Rim Trail Management Plan" as reference • Presentation of "Draft Management Program" to MLTS CC
431:MammothTrails		E2	Annual Events/Calendar	No work has been initiated in this area to date.
431:MammothTrails		E2	Annual Events/Calendar	**Event Calendar:** An event-scheduling calendar was developed for use by Mammoth Trails members. It was intended for use internally by Mammoth Trails charter signatories, with integration into the visitmammoth.com website.
431:MammothTrails		E2	Publish a Trail Guide for Mammoth Lakes	USFS may be updating the Winter Recreation Map.
431:MammothTrails		E7	NGO's/Mammoth Trails	MLTSCC Project #431 Mammoth Trails is listed but not funded to date.

Mammoth Lakes Trail System Master Plan (MLTSMP)

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CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES
431:MammothTrails		E7	NGO's/Mammoth Trails	**Mammoth Trails:** 17 monthly meetings since February 16, 2011 • Source of user group "experiences" for MLTS Website • Source of user group partners for "Summer of Stewardship: Trail Days" • Community input for MLTS planning: "MLTS: Signage and Wayfinding" program through "Mammoth Trails: Map, Sign and Wayfinding Committee" • User group coordination of special events • Opportunity for community engagement: "Shady Rest Motorized Staging Area" trailhead development • Opportunity for community engagement: "Casa Diablo 4 Geothermal Project" • Opportunity for community engagement: "USFS: Travel Management Implementation" • Opportunity for community engagement: "USFS: Inyo Forest Plan Update" • Opportunity for community engagement: "Enhanced TOML/USFS Partnership"
451:MLTS Website		E1	Publish a Trail Guide for Mammoth Lakes	The MLTS website is up and running. Additional pages are being developed.
460:Info Systems		A1	MUP & Trail ADA Assessment	Has work been initiated in this area?
460:Info Systems		A1	MUP & Trail ADA Assessment	Significant effort has already been completed re: UTAP Data collection and posting on MLTS Website. See mammottrails.org or G7 Data Managment
460:Info Systems		A2	Pedestrian ADA Assessment	Has work been initiated in this area?
460:Info Systems		A3	Signage and Information	No work has been initiated in this area to date.
461:MLTS Data Library		G07	Data Management	TOML maintains and updates data within existing GIS framework.
461:MLTS Data Library		G07	Data Management	**Data Library:** 2,045 MLTS maps and reference documents scanned and converted to searchable PDF files
461:MLTS Data Library		G07	Data Management	**Data Library:** 6 sets of GIS data and updates delivered to the Town
461:MLTS Data Library		G07	Data Management	**Data Library:** Metadata updates to all MLTS GIS Data and delivery to Town
461:MLTS Data Library		G07	Data Management	**Signage and Wayfinding:** GPS and photo inventory of all MLTS MUP and trail signage delivered to Town

Mammoth Lakes Trail System Master Plan (MLTSMP)

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CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES
461:MLTS Data Library		G07	Data Management	**Signage and Wayfinding:** GPS and photo inventory of all MLTS node signage delivered to Town
461:MLTS Data Library		G07	Data Management	**Trail Map:** Winter recreation map GIS data delivered to Town
461:MLTS Data Library		G07	Data Management	**Data Library:** MLTPA updated and maintained "…a reliable combined data source of GIS data from all federal, state, county, municipal and private sources in the Mammoth Lakes region…."
461:MLTS Data Library		G07	Data Management	**Data Library:** GIS documentation of 2640 pieces of MLTS infrastructure (trails, signage, trailheads, campgrounds, etc) • All GIS data cleaned, sorted, assigned metadata, with photos where appropriate • Mapping efforts in support of various projects on "as needed basis": "Mammoth Trails", "Biathlon", "MLTS Management Program", "MLTS Website", "MLTS: Signage and Wayfinding Program", etc. • UTAP (ADA) data collection and data development for MLTS infrastructure • GIS data source for all "MLTS: Signage and Wayfinding" maps • GIS data source for all maps on "MLTS Website" • Management of QR code program for "MLTS: Signage and Wayfinding" • Management of QR code program for "MLTS: Interpretive Signage Program" • Installation, collection and management of MLTS trail counter program and data • Coordination of QC efforts for "MLTS: Signage and Wayfinding" program • Ongoing delivery and coordination of all GIS data collection and data development efforts with agency partners (TOML + USFS)
461:MLTS Data Library		N8	Updates to GIC Database	GIS data base include GIC Points and is being maintained by the Town.
461:MLTS Data Library		N8	Updates to GIC Database	**GIC Database:** All changes to point-based geographic data within the extent of the Mammoth Lakes Trail System is being tracked by MLTPA and monitored for its possible implications to the GIC. While the incremental changes to the data set are being tracked and documented by MLTPA, a formal update to the GIC has not been published.
471:MLTS Interp		E4	Trails-Related Education Programs	FOI Lakes Basin Stewards program provides tour and interpretive information to users.

Mammoth Lakes Trail System Master Plan (MLTSMP)

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CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES
471:MLTS Interp		E5	Trips for Kids	No work has been initiated in this area to date.
471:MLTS Interpretive		G04	Interpretive Signage	**Interpretive Program:** "Interpretive Services Planning: Opportunities for Interpretation along the Mammoth Lakes Trail System" report. Recommended by MLTS CC to the Recreation Commission and Town Council for adoption as part of the TSMP • Coordination and delivery to USFS of 3rd party photos for use on interpretive panels at Visitor Plaza and on MLTS interpretive panels funded by ARRA • Detailed QC and content notes on 8 "MLTS Interpretive Panels" by Fallon Multimedia for the USFS • "Mammoth Lakes Trail System: Interpretive Program": Development and presentation to USFS, TOML and ESIA staffs on the opportunities for technology in contemporary interpretation efforts and potential applications for the MLTS.
471:MLTS Interpretive		G04	Interpretive Signage	QR Code interface for enhanced interpretive content built and integrated into MLTS Website and MLTS Interpretive Panels
491:Photo Library		E1	Publish a Trail Guide for Mammoth Lakes	**Mammoth Lakes Trail System Photo Library:** 5,000 + RAW format (DNG) photos documenting the MLTS; Copyrighted for TOML; Keyworded with MLTS metadata; Named using standardized naming conventions • "Mammoth Lakes Trail System: Photo Library - September 2, 2012" – document detailing photo workflow and protocols for the following: "MLTPA Photo Library Workflow"; "MLTPA Photo Library: Expression Media Reader Workflow"; "SlideShow Pro Workflow"; "Holux Workflow"; "WordPress Workflow"; "Image Request"; "Model Release" • "Master Keywords" – Editable list of all keywords used in the Photo Library
511:SS Trail Maint		E6	Establish a Trail Patrol	FOI Lakes Basin Stewards and Summer of Stewardship programs are in place.

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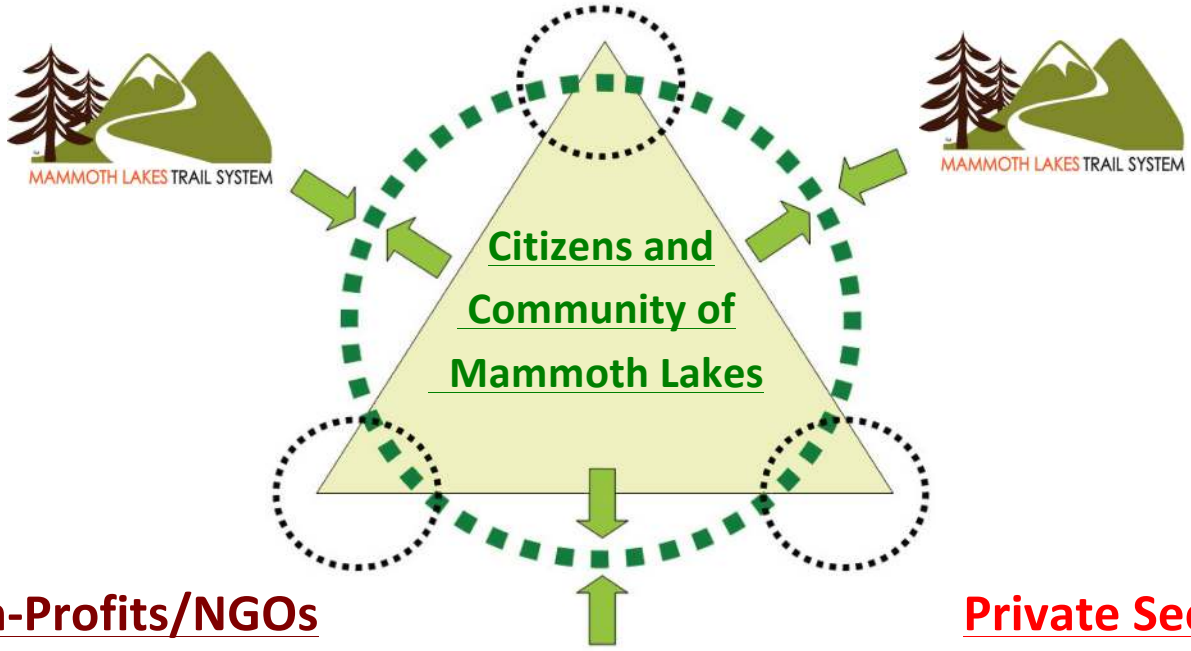
"Notes" are the original comments from TOML MLTS CC Coordinator Steve Speidel

CATEGORY	PROJECT STATUS	MLTSMP Citation	MLTSMP TITLE	NOTES
611:Adopt A Trail		E6	Establish a Trail Patrol	**Adopt-A-Trail:** MLTPA coordinated with the Town to reinvigorate the Town's dormant Adopt-a-Trail program. Existing documentation for the Town's program was located and scanned and an inventory of the existing program was documented. Reestablishment of the program was phased to coincide with the new MLTS signage program's ability to extend recognition to Adopt-a-Trail partners and to conferring with the Inyo National Forest with regards to any constraints the agency may have for Adopt-a-Trail programs on federal land.
711:MLTS Marketing		G12	Coordination with local NGO's	**Mammoth Lakes Trail System Marketing:** "MLTS Flyer" – "One Sheet" documentation of Mammoth Lakes Trail System including inventory of facilities and proximity to regional attractions • "MLTS Logo + Brand Guidelines" – Logo and brand standards for the Mammoth Lakes Trail System logo and brand. Adopted by Town Council • Photographs and communications to KCET in Los Angeles re: Lakes Basin Path • "MLTS Grand Opening" – Coordination of partners, outreach, media, promotion and coordination of events for the celebration of MLTS ARRA projects and the grand opening of the Mammoth Lakes Trail System.
		B4	**Bike Routes: NOTE**	"Bike Route" is being eliminated as a category. Bike Routes will be incorporated into bike lanes where appropriate.
		G02	Updated Trail Maps	Trail Map: "Winter Recreation Map"- creation of master map file; printed and distributed by the Town

Mammoth Lakes Trail System

"Summary of Partnered Efforts 2006 – 2012"

Public Agencies



Non-Profits/NGOs

Private Sector

This 'partnership triangle' shows the relationships between public agencies, the private sector, nonprofit organizations and the community of Mammoth Lakes who have all worked together on over 70 partnered projects to build and enhance the Mammoth Lakes Trail System since 2006.

Partners Include (per order of Summary):

Volunteers	Town of Mammoth Lakes
Mammoth Mountain Ski Area	Mammoth Lakes Trails and Public Access Foundation
United States Forest Service/Inyo National Forest	Sherwins Working Group
Sierra Nevada Conservancy	Friends of the Inyo
Developers' Forum	Mammoth Trails
Sherwin Area Recreation Plan Trails Technical Committee	Chadmar Group
The Plum Family	Westin Monache Resort
Mono County	Measure R Committee
The Voters of Mammoth Lakes	Measure U Committee
Mammoth Lakes Tourism	Eastern Sierra Interpretive Association
National Forest Foundation	

Mammoth Lakes Trail System
Summary of All Partnered Efforts 2006 - 2012
March 20, 2013

		PLANNING	Partners
		Strategic Planning - 110	
1.	**2006**	**"Strategic Conference/Public Meeting: The Future of Trails in Mammoth Lakes."** Participation by 300 + members of the public ("Public Meeting") and CALTRANS; Eastern Sierra Land Trust (ESLT); Mammoth Mountain Ski Area (MMSA); Mammoth Lakes Chamber of Commerce; Mono County; Sierra Nevada Conservancy (SNC); Town of Mammoth Lakes (TOML); Inyo National Forest (USFS); private sector s; Alta Planning and Design; Sierra Fund ("Strategic Conference").	**Volunteers; TOML; MMSA; MLTPA**
2.	**2010**	**"RECSTRATS I"**: A vision for recreation in Mammoth Lakes and a strategic plan for its implementation. Adopted by Town Council 2010.	**TOML; MLTPA**
3.	**2011**	**"RECSTRATS II"**: Implementation Strategy. Adopted by Town Council 2011.	**TOML; Volunteers**
		Collaborative Processes - 120	
4.	***2009***	**"Sherwins Working Group (SWG)":** Collaborative planning for trails and recreation in the Sherwins region. 6,900 + citizen volunteer hours.	**USFS; TOML; SWG; MLTPA**
5.	***2009***	**"Sherwins Area Recreation Plan (SHARP)"**: Recreation plan created by Sherwins Working Group. Adopted by Town Council 2011.	**USFS; TOML; SWG; MLTPA**
6.	***2008 to 2012***	**"Lakes Basin Special Study (LABSS)":** Interagency mobility and outdoor recreation planning for the Mammoth Lakes Basin. Funded by a grant from the Sierra Nevada Conservancy.	**USFS; TOML; SNC; FOI; MLTPA**
7.	***2012***	**Shady Rest/Inyo Craters Working Group:** Preparation of existing conditions, scoping analysis, and preliminary project area map.	**USFS; TOML; MLTPA**
		Focused Planning Efforts - 130	
8.	***2007 to 2011***	**"Trail System Master Plan": I**nitiated in 2007; multi partnered funding; public outreach via "CAMP: Summer" + "CAMP: Winter"; review and adoption by Town of Mammoth Lakes in 2011	**TOML; MMSA; SNC; Developers' Forum; MLTPA**
9.	***2008***	**"Sherwin Area Trails Special Study (SATSS)"**: Trail alignments, recreational activities and public access in the Sherwins study area. Baseline data for the "Sherwins Working Group" and the "Sherwins Area Recreation Plan".	**USFS; TOML; MLTPA**
		DESIGN	**Partners**
		Guidelines and Standards - 210	
10.	***2010***	**Mammoth Lakes Trail System Nodes:** Multi-agency consensus on node designations using “nodal types” from the "Trail System Master Plan".	**USFS; TOML; MMSA; MLTPA**
11.	***2010***	**Signage and Wayfinding - Standards:** Multi-agency consensus on a system of uniform MLTS signage. Incorporated into 100 + signs installed in 2012 through the American Recovery and Reinvestment Act (ARRA).	**USFS; TOML; MMSA; MLTPA**
12.	***2010***	**Signage and Wayfinding - Wayfinding Logic:** Multi-agency consensus on wayfinding logic for the MLTS signage-and-wayfinding program.	**USFS; TOML; MMSA; MLTPA**

13.	***2010***	**Standardized Naming Conventions - Symbology:** Multi-agency consensus on recreation and service symbology for the MLTS using systems developed by the National Park Service. Used on MLTS signage and MLTS Website.	**USFS; TOML; MMSA; MLTPA**
14.	***2010***	**Standardized Naming Conventions - Names:** Multi-agency consensus on naming conventions for all facilities and destinations of the MLTS. Logic for naming future opportunities. Used on MLTS signage and MLTS Website.	**USFS; TOML; MMSA; Mammoth Trails; MLTPA**
15.	***2010***	**Standardized Trail Maps:** Multi-agency consensus on all graphic and content needs for the MLTS mapping program. Used for all mapping efforts on MLTS signage and MLTS Website.	**USFS; TOML; MMSA; MLTPA**
16.	***2011 to 2012***	**Standards Manual:** Draft "Town of Mammoth Lakes – Public Works Department Section 600: Mammoth Lakes Trail System" for TOML adoption documenting build ready standards for MLTS facilities: signage and wayfinding; multi use paths; trail amenities, pedestrian facilities; and naming conventions for all MLTS facilities. • Updated "Design Intent" documents for MLTS Signage and Wayfinding Program • Draft outline for comprehensive "MLTS Standards Manual" encompassing all aspects of MLTS facilities and programs	**USFS; TOML; MLTPA**
17.	***2010***	**Trail Naming:** Multi-agency consensus on naming conventions for several MLTS trails including the Lakes Basin Path (formerly the Lake Mary Road Bike Path). Establishment of a process for naming future trails. Used for both ARRA and Town signage projects.	**USFS; TOML; MMSA; Mammoth Trails; MLTPA**
Trail Alignment Studies - 220			
18.	***2010***	**Trail Alignments - Sherwins Area Recreation Plan (SHARP):** SHARP Trails Technical Committee (SHARP TTC) reviewed and refined 11 trail and recreation facility alignments. "SHARP TTC Summer 2010 Final Report" submitted to the Inyo National Forest and the Town in the fall of 2010.	**USFS; TOML; SHARP TTC; MLTPA; Volunteers**
19.	***2011***	**Trail Alignments - Sherwins Area Recreation Plan (SHARP):** SHARP Trails Technical Committee (SHARP TTC) submitted "Summer 2011 Final Report: Alignment Proposals for the Inyo National Forest and the Town of Mammoth Lakes" to TOML and USFS on January 26, 201; recommended alignments for 12 SHARP trails; 14.5 miles of trail alignments.	**USFS; TOML; SHARP TTC; MLTPA; Volunteers**
Project Design - 230			
20.	***2010***	**Signage and Wayfinding - Implementation:** Multi-agency full-day site tours to field verify wayfinding logic, messaging logic, consensus destinations, mapping logic, rescue-locator GPS coordinates, sign orientations. Used for both ARRA and Town signage projects.	**USFS; TOML; MMSA; MLTPA**
21.	***2010***	**Town Loop:** Multi-agency consensus on creation of a "Town Loop" using existing trail facilities through implementation of the MLTS signage-and wayfinding program.	**USFS; TOML; MMSA; Mammoth Trails; MLTPA**
Project-Based Environmental Analysis - 310			

22.	***2011 to 2012***	**Trail System Master Plan CEQA:** Programmatic CEQA analysis of the "Trail System Master Plan". Coordination of reports and maps previously prepared by outside agencies (including SHARP); site photographs as requested by TOML CEQA consultant; notification of opportunities for public comment. Funded by grant from the Sierra Nevada Conservancy.	**USFS; SNC; TOML; MLTPA**
Easements/Access Negotiations - 320			
23.	***2006***	**Public Access Easement - "Ranch Road Gate"**: Establishment of a public access easement on Ranch Road and TOML winter maintenance program.	**TOML; MLTPA**
24.	***2009***	**Public Access Easement - "Snowcreek VIII Master Plan/Sherwins Egress":** Establishment of a public winter egress easement across the Snowcreek Golf Course from USFS public lands to the public access easement at the Ranch Road Gate.	**USFS; TOML; Sherwins Working Group; Chadmar Group; MLTPA**
25.	***2011***	**Public Access Easement - "Plum Family Property/Tamarack Street":** Establishment of a public access easement across the Plum Property from Tamarack Street to USFS public lands.	**USFS; TOML; Plum Family; Sherwins Working Group; MLTPA**
Project Implementation / Construction - 330			
26.	***2006 to 2012***	**Trail Construction - "Lake Mary Road Bike Path Project":** Culmination of multi-year effort to design, plan, and construct the "Lakes Basin Path". Funding sources include: Federal Transportation funds; State Transportation funds; American Recovery and Reinvestment funds (ARRA); Town "DIF" funds; Town "Measure R" funds.	**TOML; USFS**
27.	***2009 to 2011***	**Bike Rack:** Outreach campaign to solicit participation of businesses in a subsidized Mammoth “M” bike-rack program. Due to rack manufacturing delays, the program wasn't ready for implementation until summer 2011. “Report on Outreach Efforts and Feedback on the Mammoth “M” Rack” report presented to Recreation Commission November, 2011	**TOML; MLTPA**
28.	***2010 to 2012***	**Sherwins Egress:** Public outreach and coordination including on-site signage; local media; press release; electronic and website communications, and coordination with Chadmar Group, USFS, and TOML.	**USFS; TOML; Chadmar Group; MLTPA**
29.	***2010 to 2012***	**Trailhead Improvements - "Twin Lakes Vista":** Multi-year effort to design, plan, and construct improvements at "Twin Lakes Vista" including MLTS interpretive + wayfinding signage, enhanced parking, and bus shelter. Funding sources include: American Recovery and Reinvestment (ARRA) Transportation Enhancement (TE) funds; "State Local Transportation" funds.	**TOML**
30.	***2010 to 2012***	**Trail Construction - "Gap Closure Project at Mammoth Creek/Sherwin Street":** Multi-year effort to design, plan, and construct an MLTS gap closure project at Mammoth Creek/Sherwin street including a bike/pedestrian bridge, enhanced parking, and MLTS signage. Funding sources include: State "Environmental and Enhancement Mitigation Program (EEMP)" funds; Town "Measure R" funds for signage.	**TOML**

31.	***2010***	**Signage and Wayfinding - Maps:** Fifty-eight map files delivered to the Town for incorporation into signage and wayfinding efforts funded by the American Recovery and Reinvestment Act (ARRA); "Town Trails" reference maps and creation of full-size map prototypes for partner review	**USFS; TOML; MLTPA**
32.	***2010***	**Signage and Wayfinding - Graphics:** "Lakes Basin Path", "Town Trails", and "Plaques" final graphics delivered to TOML for use on "ARRA" + "Town" MLTS Signage.	**USFS; TOML; MLTPA**
33.	***2010***	**Signage and Wayfinding - Messaging:** "Destinations and Symbology" and "Final Messaging Schedule" for "Town Trails" and "Lakes Basin Path" final messaging schedules delivered to TOML for use on "ARRA" and "Town" MLTS signage.	**USFS; TOML; MLTPA**
34.	***2011 to 2012***	**Signage and Wayfinding - ARRA:** Complete messaging for 95 signs; updated “Design Intent” documents; Screwhole Placement Diagram for all map types; 58 updated map files for ARRA signage (revised bleed specs + incorporation of new TOML logo); two complete reviews of shop drawings as submitted by ARRA contractor; complete QC (Quality Control) report delivered to TOML with 12 discreet QC tasks for all 95 signs	**USFS; TOML; MLTPA**
35.	***2011 to 2012***	**Signage and Wayfinding - 12 “Phase 3” signs:** Updated “Design Intent”; 17 map files; 6 updated map files for Spiess signs on the Lakes Basin Path + Prototype sign in Mammoth Creek Park; complete Quality Control report; 12 discreet QC tasks for all 12 Phase 3 signs; plaques for MLTS bollards and mileage posts using MLTS logo to replace old TOML logo.	**TOML; MLTPA**
36.	***2010 to 2012***	**Signage - "Installation of MLTS Signage Phase(s) 1, 2, and 3":** Multi-year effort to design, plan, and construct, and install three phases of MLTS wayfinding and interpretive signage as detailed in the "Trail System Master Plan". Funding sources include: American Recovery and Reinvestment funds (ARRA); Town "Measure R" funds.	**USFS; TOML; MLTPA**
37.	***2011 to 2012***	**Trail Construction - Sherwins Area Recreation Plan (SHARP):** Field preparation of SHARP trail alignment 12b for construction by volunteer efforts through the “Summer of Stewardship: Trail Days” program • 6 field trips with USFS trail specialist staff (Keith Dawley) for the detailed review and design of SHARP trail alignments 12b, 13, 5bN, 5bS, and 15. • Facilitated coordination of a professional topographic survey, completed by Triad/Holmes Associates, of a bridge crossing along SHARP 15. • A Biological Evaluation and a Noxious Weed Risk Assessment of trail alignments SHARP 5bN, 5bS, and 15. These two environmental studies were both conducted by Forest Service Botanist, Sue Weis	**USFS; TOML; MLTPA**

Mammoth Lakes Trail System
Summary of All Partnered Efforts 2006 - 2012
March 20, 2013

		OPERATION	Partners
Management Plan - 410			
38.	***2011 to 2012***	**Mammoth Lakes Trail System Management Program:** "Inaugural Documents of Authority" – 6 Project tracks including: "Proposal from the Town of Mammoth Lakes to the United States Forest Service with Regard to a Mammoth Lakes Trail System"; "MLTS Assets"; "Intellectual Property"; "Governance"; "Operations and Maintenance"; "Capacity and Resources" • **Town Council Action:** Approval of a resolution for an enhanced relationship with the United States Forest Service. • **Town Council Action:** Approval of a five year $300,00 annual commitment to the Mammoth Lakes Trail System from Measure R • **Town Council Action:** Approval of the establishment of the Mammoth Lakes Trail System Coordinating Committee • " MLTS Management Program: Draft - March 23, 2012" – Draft Management Program using "Tahoe Rim Trail Management Plan" as reference • Presentation of "Draft Management Program" to MLTS CC	**USFS; TOML; MLTPA**
Governance - 420			
39.	***2012***	**Mammoth Lakes Trail System Coordinating Committee - Support:** Creation of documents for use by the MLTS CC in project prioritization efforts: "MLTS CC Matrix Workflow May 1, 2012"; "Project Prioritization: All Buckets - May 15, 2012"; "MLTS CC – Project Synopses" – May 9. 2012; "Data for Maps" – as requested by TOML GIS Coordinator; "MLTS CC - Draft Project Recommendations by "Bucket" - June 4, 2012"; "MLTS CC - Final Project Recommendations by "Bucket" - June 7, 2012"	**TOML; MLTPA**
Interagency Coordination - 430			
40.	***2007***	**Incorporation of Mammoth Lakes Trails and Public Access Foundation (MLTPA):** CA. public benefit corporation; application for 501(c)3 status.	**TOML; MMSA; MLTPA**
41.	***2007 to 2013***	**Mammoth Lakes Trail System Planning MOU:** Cooperative planning efforts for trails in the Mammoth Lakes region. Signatories include: USFS; TOML; Mono County; Mammoth Community Water District (MCWD); Mammoth Lakes Fire Protection District (MLFPD); Mammoth Mountain Ski Area (MMSA); CALTRANS; MLTPA; Friends of the Inyo (FOI); Mammoth Lakes Tourism (MLT); Eastern Sierra Interpretive Association (ESIA).	***see "signatories"***
42.	***2009***	**Mobility Plan Outreach:** Under contract to the Town, MLTPA provides outreach efforts for the Town's draft "Mobility Plan".	**TOML; MLTPA**
43.	***2011 to 2012***	**Mammoth Lakes Trail System Grants:** Great Basin Unified Air Pollution Control District grant program; Sierra Nevada Conservancy for MLTS Signage; "Transportation Enhancement" grant for Waterford Bridge project	**TOML; MLTPA**
44.	***2011 to 2012***	**Westin Collaboration:** Opportunities for lodging/private sector partner engagement; collateral development for "hard launch" of MLTS Website including "Rack Card" and "Smart Card" as developed with Westin staff.	**TOML; Westin Monache Resort; MLTPA**
45.	***2009***	**Class 2 Bike Lanes:** "Bike Lane Paint Test" on Minaret road	**TOML; MLTPA**

46.	***2010***	**Mammoth Lakes Recreation:** Multi-agency process which explored a non-governmental organization's establishment and participation in regional recreation opportunities. This process was the basis for RecStrats.	**USFS; TOML; MMSA; SNC; Mono County; MLTPA**
47.	***2010***	**Master Agreement:** MLTPA and the Town negotiated and executed a master agreement to be modified by amendment, providing specific scopes of work and identified funding sources.	**TOML; MLTPA**
48.	***2011***	**Mammoth Biathlon:** Preparation of maps for USFS facilitated partner meeting; GIS field data collection and data development for consultant; mapping of alternatives for consultant and inclusion in final report	**USFS; TOML; MLTPA; Volunteers**
49.	***2010 to 2012***	**Mammoth Trails:** Regular monthly meetings 2010 - July, 2012. Source of user group "Experiences" for MLTS Website; source of user group partners for "Summer of Stewardship: Trail Days". Community input for MLTS planning: "MLTS: Signage and Wayfinding" program through "Mammoth Trails: Map, Sign and Wayfinding Committee"; user group coordination of special events. Opportunities for community engagement: "Shady Rest Motorized Staging Area" trailhead development; "Casa Diablo 4 Geothermal Project"; "USFS: Travel Management Implementation"; "USFS: Inyo Forest Plan Update"; "Enhanced TOML/USFS Partnership"	**USFS; TOML; Mammoth Trails; MLTPA; Volunteers**
50.	***2013***	**Mammoth Lakes Trail System NGO:** Proposal from MLTPA to the Town of Mammoth Lakes to form an MLTS NGO.	**TOML; Mono County; MLTPA**
Fundraising - 440			
51.	***2008***	**Measure R:** Special sales tax measure dedicated to trails, parks, and recreation. Passes with 72% of the vote, raises local sales tax to 7.75%.	**TOML; MLTPA; Measure R Committee; Voters of Mammoth Lakes**
52.	***2010***	**Measure U:** Special extension of "Utilities Users Tax" dedicated to recreation, mobility, and arts and culture. Passes with67% of the vote.	**TOML; Measure U Committee; Voters of Mammoth Lakes**
Website - 450			
53.	***2009 to 2012***	**Mammoth Lakes Trail System Website:** Maintenance of MLTPA website capacity for posting of documents used in partnered projects	**TOML; MLTPA**
54.	***2012***	**Mammoth Lakes Trail System Website:** Responsive design, open source, intended for use on all contemporary devices/platforms. Website Content (230 web pages): 5 Landing pages; 4 Administration pages; 28 Trail pages; 55 Destination pages; 19 Activity pages; 24 Experience pages; 2 Partner pages; 85 QR Wayfinding pages; 8 QR Interpretive pages	**USFS; TOML; MLT; Mammoth Trails; MLTPA; Volunteers**

55.	***2013***	**Mammoth Lakes Trail System Website - Content:** Enhanced content including “Experiences”, “Trails”, “Destinations”, and "hard launch".	**USFS; TOML; Mammoth Trails; MLTPA; Volunteers**
Information Systems - 460			
56.	***2007***	**Data Library:** GIS Inventory Contract (GIC). Key points of public access and outdoor recreation amenities collected for Town’s GIS database. Used in analysis of significant local real estate development projects.	**TOML; MLTPA**
57.	***2009***	**Data Library:** 2,045 MLTS maps and reference documents scanned and converted to searchable PDF files.	**TOML; MLTPA**
58.	***2008 to 2012***	**Data Library:** GIS documentation of 2640 pieces of MLTS infrastructure (trails, signage, trailheads, campgrounds, etc) • All GIS data cleaned, sorted, assigned metadata, with photos where appropriate • Mapping efforts in support of various projects: “Mammoth Trails”, “Biathlon”, “MLTS Management Program”, “MLTS Website”, “MLTS: Signage and Wayfinding Program”, etc. • UTAP (ADA) data collection and data development for MLTS infrastructure • GIS data source for all “MLTS: Signage and Wayfinding” maps • GIS data source for all maps on “MLTS Website” • Management of QR code program for “MLTS: Signage and Wayfinding” • Management of QR code program for “MLTS: Interpretive Signage Program” • Installation, collection and management of MLTS trail counter program and data • Coordination of QC efforts for “MLTS: Signage and Wayfinding” program • Ongoing delivery and coordination of all GIS data collection and data development efforts with agency partners.	**USFS; TOML; MMSA; Mammoth Trails; MLTPA; Volunteers**
Interpretive - 470			
59.	***2010***	**Interpretive Signage:** Preliminary steps taken to establish an interpretive signage program for the Mammoth Lakes Trail System	**USFS; TOML; MLTPA**
60.	***2011 to 2012***	**Interpretive Program:** “Interpretive Services Planning: Opportunities for Interpretation along the Mammoth Lakes Trail System” report. Adopted by TOML 2012 • Coordination and delivery to USFS of 3rd party photos for use on interpretive panels at Visitor Plaza and on MLTS interpretive panels funded by ARRA • Detailed QC and content notes on 8 “MLTS Interpretive Panels” by Fallon Multimedia for the USFS • “Mammoth Lakes Trail System: Interpretive Program”: Development and presentation to USFS, TOML and ESIA staffs on the opportunities for technology in contemporary interpretation efforts and potential applications for the MLTS.	**USFS; TOML; Eastern Sierra Interpretive Association (ESIA); MLTPA**
Image Library - 490			
61.	***2012***	**Mammoth Lakes Trail System Photo Library:** 5,000 + RAW format (DNG) photos documenting the MLTS; copyrighted for TOML; keyworded with MLTS metadata; named using standardized naming conventions • “Mammoth Lakes Trail System: Photo Library - September 2, 2012” – document detailing photo workflow and protocols; “Master Keywords” – editable list of all keywords used in the Photo Library	**TOML; MLTPA; Volunteers**

Mammoth Lakes Trail System
Summary of All Partnered Efforts 2006 - 2012
March 20, 2013

		MAINTENANCE	Partners
		Maintenance - 510	
62.	***2009***	**Stewardship - Volunteers:** Soft surface trail maintenance through "Summer of Stewardship: Trail Days" - Mammoth Trails + FOI + MLTPA	**USFS; MMSA; FOI; NFF; MLTPA**
63.	***2010***	**Stewardship - Volunteers:** Soft surface trail maintenance through "Summer of Stewardship: Trail Days" - Mammoth Trails + FOI + MLTPA	**USFS; FOI; NFF; MLTPA**
64.	***2011***	**Stewardship - Volunteers:** Soft surface trail maintenance through "Summer of Stewardship: Trail Days" - Mammoth Trails + FOI + MLTPA	**USFS; FOI; NFF; MLTPA**
65.	***2012***	**Stewardship - Volunteers:** Soft surface trail maintenance through "Summer of Stewardship: Trail Days" - Mammoth Trails + FOI + MLTPA	**USFS; TOML; FOI; MLTPA**
		STEWARDSHIP	**Partners**
		Adopt-A-Trail - 610	
66.	***2009 to 2010***	**Adopt-A-Trail:** Review of Town's existing program and draft proposal to improve and enhance program to include USFS trails; effort phased to coincide with MLTS Website launch and MLTS signage opportunities	**USFS; TOML; MLTPA**
		MARKETING/PROMOTION	**Partners**
		Marketing Strategy - 710	
67.	***2012***	**Mammoth Lakes Trail System Marketing:** "MLTS Flyer" one sheet documenting facilities and proximity to regional attractions; "MLTS Logo + Brand Guidelines": logo and brand standards adopted by Town Council.	**USFS; TOML; MLT; MLTPA**
		Trail Maps / Guides - 730	
68.	***2009***	**Trail Map:** "Winter Recreation Map" Partnered creation of master map file; printed and distributed by the Town with OHV/OSV grant	**USFS; TOML; MLTPA**
		Trail Events - 740	
69.	***2010***	**ARRA Celebration:** Ribbon cutting for the lower section of the Lakes Basin Path. American Recovery and Reinvestment Act (ARRA) funding was used for construction and signage-and-wayfinding of the Lakes Basin Path.	**USFS; TOML; MLTPA; Volunteers**
70.	***2012***	**ARRA Celebration and MLTS Grand Opening:** Coordination of partners, outreach, media, promotion and events for the celebration of MLTS ARRA projects and the grand opening of the Mammoth Lakes Trail System.	**USFS; TOML; MLTPA; Volunteers**

TOWN OF MAMMOTH LAKES STAFF REPORT

Title: Outdoor Recreation Coordinator Update

Meeting Date: April 1, 2024

Prepared by: Gretchen Haselbauer, Outdoor Recreation Coordinator

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A presentation with information on the following programs will be provided.

- Mammoth Lakes Trail System
    - Mammoth Trails Meeting
        - Thursday, April 25 at 6pm
        - https://www.townofmammothlakes.ca.gov/1209/Mammoth-Trails
    - Summer of Stewardship
        - Trail Days Events
            - June 1
            - July 27
            - September 21
            - https://www.townofmammothlakes.ca.gov/1206/Trail-Days
        - Leave No Trace Spotlight
            - https://lnt.org/event/leave-no-trace-spotlight-mammoth-lakes/
        - Mammoth Brewing Company
            - Lake Daze Hazy IPA
            - Release on Friday, May 31
        - Wednesday Worknights
            - June 5
            - July 3
            - August 7
            - September 4
            - https://www.townofmammothlakes.ca.gov/1287/Wednesday-Worknights
        - Trashy Thursdays
            - June – September
            - https://www.townofmammothlakes.ca.gov/1286/Trashy-Thursdays
        - Adopt A Trail
            - 2024 Volunteers
            - Sponsorship financial information
            - https://www.mammothlakesrecreation.org/adopt-a-trail
- Office of Outdoor Recreation
    - Host Team
        - Winter 23/24
        - Summer 2024
- Mammoth Etiquette Videos
    - Lake Mary Road Closure
    - https://www.visitmammoth.com/blogs/how-to-visit-the-mammoth-lakes-basin-in-winter/

Outdoor Recreation Coordinator Update

Gretchen Haselbauer

April 11, 2024

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CONTENTS

- **Mammoth Lakes Trail System**
  - Mammoth Trails Meeting
  - Summer of Stewardship
- **Office of Outdoor Recreation**
  - Host Team
  - Mammoth Etiquette Videos

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Mammoth Trails

3

Mammoth Trails

MAMMOTH TRAILS
RECREATION FOR ALL

Thursday, April 25
6:00 p.m.
(Eastern Sierra Adopt A Trail Volunteer Orientation at 5:30pm)
At Mammoth Brewing Co.
18 Lake Mary Road

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Summer of Stewardship

5

Trail Days

- **June 1**
- **July 27**
- **September 21**

2024 SUMMER OF STEWARDSHIP
TRAIL DAYS

6

Trail Days

2024 SUMMER OF STEWARDSHIP
TRAIL DAYS

NATIONAL TRAILS DAY
Saturday
June 1, 9am-12pm

7

Trail Days



8

Trail Days

LEAVE NO TRACE
SPOTLIGHT

Thursday, May 30 – Saturday, June 1

9



10



11



12



13



14



15



16



17



18


Video Series
Lake Mary Road Closure
Continued Series throughout the year
MAMMOTH LAKES RECREATION
Mammoth Lakes
CALIFORNIA
MAMMOTH LAKES TRAIL SYSTEM

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Questions?
Comments?

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MAMMOTH LAKES TRAIL SYSTEM BUDGET
FY2023/2024

	Adopted Budget FY2324	Actual Spent	Available Budget	Percent Spent
Fund Balance:	$548,533.88*			
Program (Measure R):	$300,000	$ 176,966.98	$ 123,033.02	**41%**
Capital:	$0.00			
Grant/Other Funding:	$1,878,888.87			
Total Budget	**$ 2,178,888.87**	**$ 176,966.98**	**$ 123,033.02**	**$ 0.41**

PROGRAM (Measure R) FUNDING

FOCUS AREA	PROJECT	Adopted Budget FY2324	Actual Spent	Available Adopted Budget	Percent Available
PLANNING					
	Task Order Projects (Node Planning, Doe, etc)	$0.00	$ -	$0.00	
	Sherwins Area (SHARP) Planning	$10,000.00	$ -	$10,000.00	
	TOTAL PLANNING:	**$ 10,000.00**	**$ -**	**$ 10,000.00**	**100%**
GRAPHICS & DESIGN					
	Signage, Trail Maps & Guides	$27,500.00	$ 25,500.00	$2,000.00	
	Communications, Marketing & Promotions	$15,000.00	$ 13,500.00	$1,500.00	
	TOTAL GRAPHICS & DESIGN :	**$ 42,500.00**	**$ 39,000.00**	**$ 3,500.00**	**8%**
IMPLEMENTATION					
	GIS: Geospatial Database Management	$10,000.00	$ 5,441.00	$4,559.00	
	Data Collection & Analysis	$15,000.00	$ 7,059.62	$7,940.38	
	TOTAL IMPLEMENTATION :	**$ 25,000.00**	**$ 12,500.62**	**$ 12,499.38**	**50%**
OPERATIONS & ADMINISTRATION					
	Website Operations & Photo Library	$10,500.00	$8,900.00	$1,600.00	
	Communications, Administration, & Outreach Support	$12,000.00	$ 8,100.00	$3,900.00	
	TOTAL OPERATIONS & ADMINISTRATION:	**$22,500.00**	**$ 17,000.00**	**$ 5,500.00**	**24%**
MAINTENANCE					
	Trail & Trailhead Maintenance	$175,500.00	$88,911.36	$86,588.64	
	Winter Grooming	$12,500.00	$ 10,000.00	$2,500.00	
	TOTAL MAINTENANCE:	**$ 188,000.00**	**$ 98,911.36**	**$ 89,088.64**	**47%**
STEWARDSHIP					
	Stewardship Events	$10,000.00	$7,555.00	$2,445.00	
	Stakeholder Meetings	$2,000.00	$ 2,000.00	$0.00	
	TOTAL STEWARDSHIP:	**$ 12,000.00**	**$ 9,555.00**	**$ 2,445.00**	**20%**
	TOTAL PROGRAM:	**$ 300,000.00**	**$ 176,966.98**	**$ 123,033.02**	**41%**

GRANT/OTHER FUNDING

FOCUS AREA Funding Source	PROJECT	Available Funding a/o 7/1/23	Available Funding a/o 9/30/23	Available Funding a/o 1/31/24	Available Funding a/o 3/31/24
SNC GRANT					
Implementation	SHARP Trailhead	$953,414.00	$ 953,414.00	$ 953,414.00	$ 953,414.00
Planning	SHARP Environmental	$510,596.68	$486,209,18	$ 372,216.94	$ 277,662.81
	TOTAL SNC GRANT:	**$1,464,010.68**	**$ 1,439,623.18**	**$ 1,325,630.94**	**$ 1,231,076.81**
IMPLEMENTATION					
Measure R Reserve	SHARP Environmental Review/Construction	$120,000.00	$ 120,000.00	$ 120,000.00	$ 120,000.00
Measure R Reserve	Future Trail Construction	$250,000.00	$ 250,000.00	$ 250,000.00	$ 250,000.00
	TOTAL MAINTENANCE:	**$370,000.00**	**$ 370,000.00**	**$ 370,000.00**	**$ 370,000.00**
MAINTENANCE					
MLR/Sponsorships	Eastern Sierra Adopt-A-Trail	$44,878.19		$ 71,106.78	$ 75,150.58
	TOTAL GRANT/OTHER FUNDING:	**$1,878,888.87**	**$ 1,809,623.18**	**$ 1,766,737.72**	**$ 1,676,227.39**

Account Number	Account Title	2020-21 Actual	2021-22 Actual	2022-23 Actual	2023-24 Adopted Budget	2023-24 Modified Budget	2023-24 Actual	2023-24 Budget Remaining
Measure R Trails								
215								
215511								
21551140000	Regular Salaries	111,457.05	1,437.28	16,887.23	22,307.87	22,307.87	.00	22,307.87
21551140111	Temporary Wages	62,306.74	55,196.80	46,086.83	59,649.08	59,649.08	53,851.33	5,797.75
21551140113	Overtime	847.97	92.63	198.94	.00	.00	.00	.00
21551140130	Comprehensive Leave	830.72	817.06	560.24-	676.63	676.63	.00	676.63
21551141002	Health Ins Premiums	35,534.76	1,308.86	.00	6,918.14	6,918.14	.00	6,918.14
21551141012	Workers Comp Insurance	6,627.00	.00	1,213.42	1,473.53	1,473.53	1,494.00	20.47-
21551141016	Unemployment Assessment	6,305.09	10,553.24	5,453.00	.00	.00	2,009.00	2,009.00-
21551141020	PERS (Retirement)	39,283.80	825.94	4,558.16	6,827.14	6,827.14	8,898.83	2,071.69-
21551141028	PARS (Part Time Retirement)	1,457.45	790.85	947.81	1,175.93	1,175.93	1,178.27	2.34-
21551142002	Office Supplies	178.63	.00	.00	.00	.00	35.87	35.87-
21551142006	Uniforms & Personal Equip	2,804.79	267.71	975.73	.00	.00	1,340.52	1,340.52-
21551142007	Maintenance Supplies	6,259.29	14,845.20	5,602.69	7,000.00	7,000.00	4,917.38	2,082.62
21551142026	Trail Facility Supplies	19,909.82	9,128.51	7,503.71	6,000.00	6,000.00	8,225.55	2,225.55-
21551142030	Special Operational	.00	.00	.00	.00	.00	.00	.00
21551143030	Professional Services	.00	.00	288.83	.00	.00	.00	.00
21551143031	Contractual Services	340,921.61	254,162.34	161,714.69	184,372.00	184,372.00	86,655.90	97,716.10
21551143110	Mem'ships, Dues, Subscr, Publi	.00	.00	35.97	.00	.00	16.15	16.15-
21551143130	Advertising & Legal Notices	.00	.00	1,000.00	.00	.00	.00	.00
21551143150	Training, Ed, Conf & Mtgs	.00	.00	53.80	2,000.00	2,000.00	411.75	1,588.25
21551143404	Public Utilities	2,178.34	92.41	2,782.20	1,000.00	1,000.00	.00	1,000.00
21551145081	Signage Maintenance	.00	.00	1,444.44	.00	.00	7,908.45	7,908.45-
21551146200	Machinery & Equip - Non Cap	11,449.27	78.78	.00	.00	.00	.00	.00
21551148900	Computer Software - Capital	.00	.00	.00	600.00	600.00	23.98	576.02
Total 215:		648,352.33	349,597.61	256,187.21	300,000.32	300,000.32	176,966.98	123,033.34
Total Measure R Trails:		648,352.33	349,597.61	256,187.21	300,000.32	300,000.32	176,966.98	123,033.34

TOWN OF MAMMOTH LAKES STAFF REPORT

Title: Outdoor Recreation Manager Update

Meeting Date: April 11th, 2024

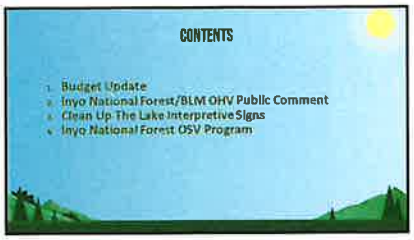
Prepared by: Lawson Reif, Outdoor Recreation Manager

The Outdoor Recreation Manager of the Office of Outdoor Recreation (OOR) will present a report highlighting Measure R budget, upcoming federal OHV grants, Interpretive signage, and some updates regarding the Inyo National Forest OSV Program.

- The budget update will consist of a Q1-Q3 update and planning related to Q4.
- The Inyo National Forest & BLM are seeking public comment related to their upcoming OHV grant applications. The OOR seeks to engage the MTC on any comments or suggestions they may have. Once comments are tabulated, the Outdoor Recreation Manager will utilize appropriate channels to submit comments to the State, BLM, & Inyo.
- The past couple summer seasons, an organization titled Clean Up The Lake (CUTL) has been performing underwater dives to remove litter from our Eastern Sierra Lakes. This work has occurred in both June Lake and up at Lake George. Work will occur this summer, and the following 3 summers to help keep our lakes clean. To further educate the public, the OOR is working with CUTL to develop 2 interpretive signs related to the project. While rough drafts of the signs have been developed, the OOR seeks input/suggestions from the MTC.
- On March 20th, Mammoth District Ranger Fred Wong attended Town Council and relayed that the Inyo National Forest is struggling to staff and maintain their groomed winter trail system. Mr. Wong relayed they are seeking assistance with this program and the OOR seeks to engage MTC on their feelings regarding the potential for greater engagement with this much loved program.


OFFICE OF OUTDOOR RECREATION
OUTDOOR RECREATION MANAGER REPORT

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1. Budget Update
2. Inyo National Forest/BLM OHV Public Comment
3. Clean Up The Lake Interpretive Signs
4. Inyo National Forest OSV Program

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BUDGET UPDATE

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INYO N.F. & BLM OHV GRANT PUBLIC COMMENT
OOR RECOMMENDATIONS

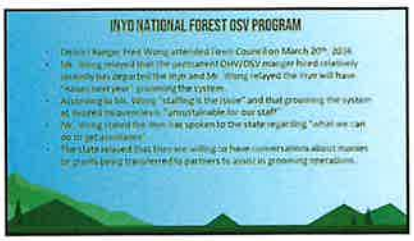
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INYO N.F. & BLM OHV GRANT PUBLIC COMMENT
OTHER OOR RECOMMENDATIONS

5


CLEAN UP THE LAKE INTERPRETIVE SIGNS

6


INYO NATIONAL FOREST OSV PROGRAM

7


INYO NATIONAL FOREST OSV PROGRAM

8


INYO NATIONAL FOREST OSV PROGRAM
Does the MTC support the OOR getting involved in this program?
Recommendations of how to proceed?
If we agree to assist should we own the program outright so to speak?
Forest maintain the grants and pay in directly to groom?

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TOWN OF MAMMOTH LAKES STAFF REPORT

Title: Recommendation to pursue possible purchase of Non-Motorized grooming machine

Meeting Date: April, 11 2024

Prepared by: Andrew Mulford, Trails Program Manager

The TOML Office of Outdoor Recreation recommends the purchase of a new machine for non-motorized winter grooming. Our Nordoni has provided great utility to the winter grooming program but after some damage this season it is our recommendation to move forward with the purchase of a more modern utility snowmobile to be able to drag our two Tidd Tech grooming implements. This season we rented a utility snowmobile from MMSA and it has worked very well.

Additionally with the likelihood of expanded grooming opportunities we think it is wise to explore other options for grooming equipment like a sno-cat. We have the opportunity to purchase a 2013 Model 2000BXL-26-5 Tucker Terra from the MCWD at a good price. This machine is 10’ wide and would serve our purposes well, the only drawback with this machine is that it is underpowered to operate a tiller and tracksetting equipment. However we still think it may be a good idea to explore this purchase further. This machine could be useful for establishing a track in deep snow conditions when our snowmobile is unable to perform. Also the machine could serve the TOML as an emergency access/Search and Rescue vehicle.

Finally we have been in contact with MMSA and tested out one of their used Pisten Bully 400 sno-cats. MMSA would be able to sell us a heavily used one of these machines for a good price, however the 17’ width of these machines makes them cumbersome to operate on our narrow winter pathways. We do not recommend pursuing this option.

TOWN OF MAMMOTH LAKES STAFF REPORT

Title: Recommendation to pursue inclusion of "Minaret Vista Trail" to USFS system

Meeting Date: April 11, 2024

Prepared by: Andrew Mulford, Trails Program Manager

It has come to our attention that the "Minaret Vista Trail" which connects Mammoth Mountain Inn to the Minaret Vista is not part of the USFS trail system. This lack of designation means that it could be closed and rehabilitated as a non-system trail. We believe that this trail should be included in the USFS trail system as well as the Mammoth Lakes Trail System. This 1.5 mile trail follows sustainable design principles with subtle grades typically in the 5% range and no major maintenance issues. During discussions with the Inyo National Forest about the recreation infrastructure adjacent to the Main Lodge Redevelopment project this trail was brought up and the USFS confirmed that it is not part of their system of legal trails. We would like to advocate for the legalization of this trail facility so that it is preserved for future use. This process could require funding for 3rd party environmental review to ensure that the USFS is able to move forward with including it in their legal trail network.