

Waterbury Hope Davey and Ice Center Area Parks Master Plan

JULY 2023



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Prepared for:



Prepared by:



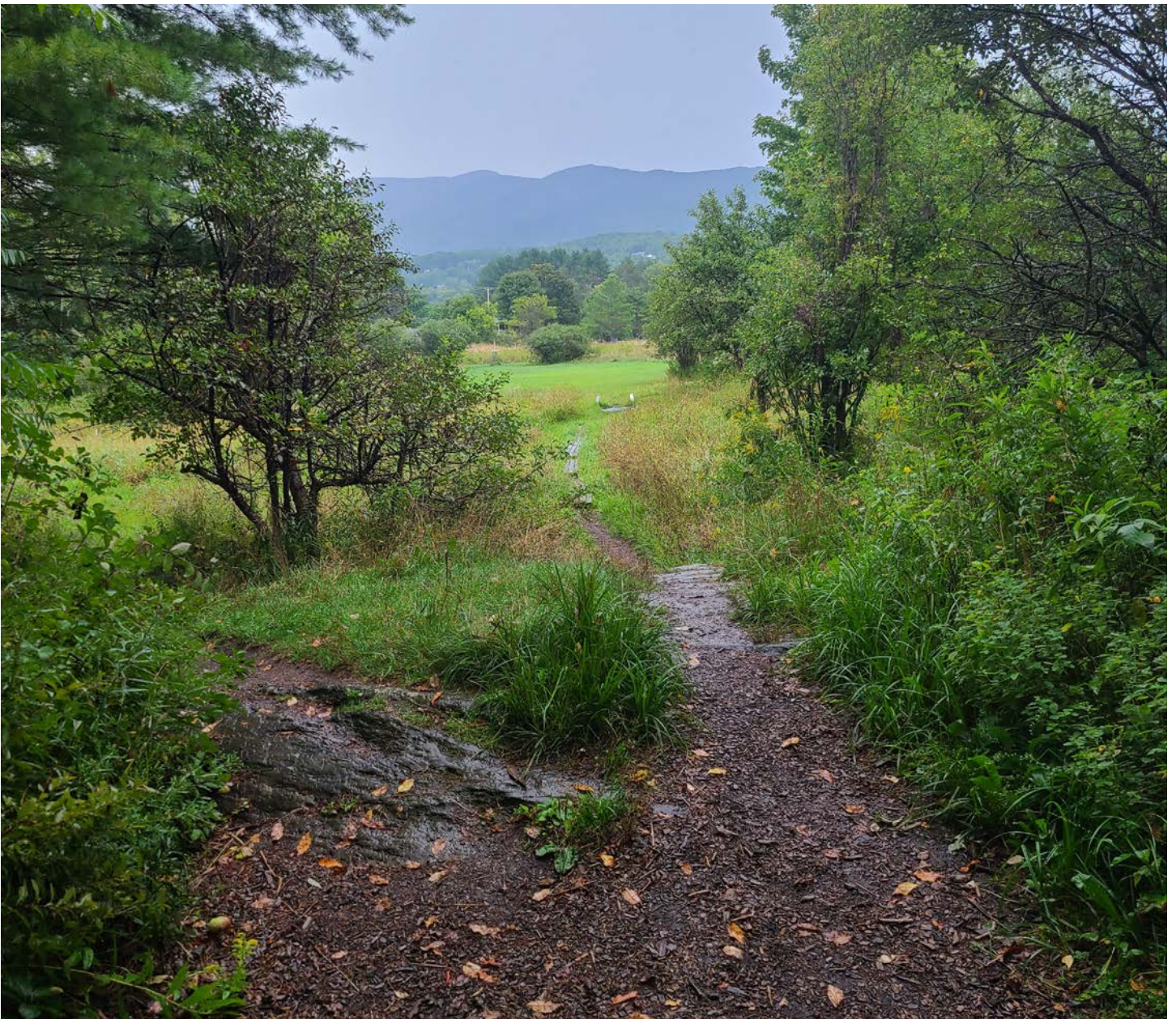
HARTGEN
archeological associates inc

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Waterbury Hope Davey and Ice Center Area Parks Master Plan

Chapter 1: Introduction



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PROJECT OVERVIEW

INTRODUCTION

Hope Davey Park and the Ice Center Area Park are two critical recreational assets in the Town of Waterbury. Currently, both parks support both active and passive recreation and contain a variety of programs. The parks support use by immediate communities, as well as attracting recreational users from across the region. The plan suggests improvements to the existing conditions of these two parks that enhance the existing recreational facilities, balance recreational and natural resources needs, and support the creation of additional facilities that meet the goals of residents and stakeholders.

HOPE DAVEY PARK

Hope Davey Park is a 28.7-acre parcel in Waterbury Center in the vicinity of Maple St. and Loomis Hill Rd. that was purchased by the Town with assistance from a Land & Water Conservation Fund grant in 1980. An 8+/- acre area in the western portion of the property was re-developed with a second LWCF grant in 1995 for additional active recreation uses including ballfields, a playground, basketball court, small skatepark, horseshoe pits, and a picnic shelter. Multiple sports leagues and groups use the ball fields and horseshoe pits. The skatepark, playground and basketball court attract children and youth of all ages and are used for afterschool socializing, birthday parties, and more. The easterly 20+/- acre area was developed with a loop nature trail in the late 1990's. This 20+/- acre area was further developed with an 18-hole disc golf course in the early 2000's by community volunteers. This 20+/- acre area is actively used by the disc golf community, attracting players of various skill levels to this free resources throughout the year. The area is also used by hikers, dog walkers, horseback riders, cross-country skiers, snowshoers, etc. despite the fragmentation of the nature trail.

The park planning efforts were initiated due to community interest in re-establishing the nature trail path, evaluating the impact of both passive and active recreation on ecological resources on the parcels, and assessing recreational assets on the site, some of which were recognized as in disrepair and either over or under-utilized

ICE CENTER AREA PARK

The 40-acre area in the vicinity of the Ice Center of Washington West on River Rd was previously owned by the Village of Waterbury. The Edward Farrar Utility District (EFUD) took over the assets of the Village in 2018. The property was transferred to the Town of Waterbury in 2023. The park hosts the Ice Center of Washington West, which is a full ice rink run by a non-profit and hosts hockey teams, leagues and tournaments for youth and adult, public skating, figure skating and rentals. In addition, the site is developed with parking and access to the Perry Hill mountain bike trails, a bicycle pump track, a full-size soccer field used by Capitol Soccer, a dog park, and a materials storage area for the Town. The entire 40-acre parcel in the vicinity of the Ice Center is under Act 250 jurisdiction, and is bordered on the south-west by the Winooski River.

Various citizen organizations supporting the individual facilities or uses in them have been formed. The park includes significant opportunity for additional passive and

active recreational improvements. Interest groups have expressed the desire to create additional soccer fields, build a skate park, expand the diversity of uses and amenities in the park, address parking, circulation and safety, and more fully meet community recreational needs.

PROJECT BACKGROUND

The Town of Waterbury initiated this project, supported by the Recreation Committee, in 2022. The purpose of this study was to inventory the recreation and natural resources of these two park areas and make recommendations for future active and passive recreation facilities, conservation of the natural resources, and overall management of the properties by the Town. The intention was to be fully inclusive of all people participating in, interested in, and impacted by these two park areas. The overall goal of the study was to examine how to balance the development and operation of active and passive recreation uses and facilities with the natural and cultural resources of these two park areas.

The Hope Davey and Ice Center Area Parks Master Planning process consisted of field work and site assessment including wetland delineation, archaeological review, and a tree health study for Hope Davey Park. This was followed with visioning discussions with stakeholder groups and the community at large including an open house with approximately 50 attendees and an online survey with 274 complete responses. Using the guiding vision and priorities from the visioning engagement, concept plans were developed and reviewed by Town staff, permitting agencies, and the steering committee and public. This Master Plan document summarizes key findings throughout the process and presents the preferred concepts. The goal of the Master Plan is to provide a strategic road-map for future improvements to these parks. See page 8 for a summary of the key phases and deliverables of the Master Planning process. The project Steering Committee was formed with approximately ten members, comprised of municipal staff, representatives from the Town of Waterbury Recreation Committee, various recreation organizations that are interested in managing existing recreational facilities and developing additional ones, and a resident of neighborhoods adjacent to the parks.

This report highlights the final Master Plan based on the preferred concept plan option presented at the public meeting on March 2nd, 2023 with minor revisions based on Steering Committee and public feedback. Considerations for project phasing and project cost estimate provide additional support for implementation planning. The estimate, while highly detailed, is intended to guide the decision-making process and prioritization of projects the town intends to complete. While the Master Plan shows what amenities are feasible on the site in a “full” build out condition, the realities of budget and community support will ultimately determine the final project components.

CORE PRINCIPLES

Three core principles drove the comprehensive planning process throughout the project.

Expand Recreation Opportunities

Assess the current and future activities and opportunities at Hope Davey Park and the Ice Center Area Park to further enliven and promote opportunities for active and passive recreation for all users.

Protect Ecological + Cultural Resources

Ensure that both new and existing park features and improvements are sensitive to the existing ecology and protected natural and cultural resources, while considering short and long term sustainability.

Provide Connectivity + Access

Explore internal site relationships as well as connectivity to the to neighboring parcels, trails and destinations, with a focus on developing access for people of all abilities to the existing and proposed recreation facilities where it is feasible.

PROJECT PHASES & DELIVERABLES

PHASE 1: PROJECT KICKOFF AND EXISTING CONDITIONS ASSESSMENT

- Base Maps
- Wetlands Survey and Natural Resources Review
- Archaeological Resources Assessment (ARA)
- Arborist Assessment
- Committee/Stakeholder Site Walk

PHASE 2: VISIONING

- Community Visioning Workshop
- Community Visioning Survey
- Vision Framework

PHASE 3: PRELIMINARY CONCEPTS

- Draft Preliminary Concepts
- Updated Preliminary Concepts
- Community Meeting

PHASE 4: MASTER PLAN DOCUMENT

- Draft Master Plan Document
- Final Presentation
- Final Master Plan Document

ACTIVE & PASSIVE RECREATION DEFINITION

Active and passive recreation are used as terms throughout this plan. See below for a definition of each from the EPA.

Active recreation - recreational activities that require the use of special facilities, courses, fields, or equipment - can provide communities with opportunities to participate in individual sports like golf and skiing and team sports like soccer and baseball. Active recreational opportunities offer economic and social benefits that include local economic development and improved physical, mental, and social health.

- Baseball
- Football
- Soccer
- Golf
- Disc Golf
- Hockey
- Tennis
- Skiing
- Skateboarding

Passive recreation refers to recreational activities that do not require prepared facilities like sports fields or pavilions. Passive recreational activities place minimal stress on a site's resources; as a result, they can provide ecosystem service benefits and are highly compatible with natural resource protection.

- Hunting
- Camping
- Hiking
- Wildlife viewing
- Observing and Photographing nature
- Picnicking
- Walking
- Bird watching
- Historical and archaeological exploration
- Swimming
- Cross-country skiing
- Bicycling
- Running/ Jogging
- Climbing
- Horseback Riding
- Fishing

Waterbury Hope Davey and Ice Center Area Parks Master Plan

Chapter 2: Existing Conditions



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EXISTING CONDITIONS - HOPE DAVEY PARK

SITE CONDITIONS

Hope Davey Park is a 28.7-acre parcel in Waterbury Center. An 8+/- acre area in the western portion includes ballfields, a playground, basketball court, small skatepark, horseshoe pits, and a picnic shelter. The easterly 20+/- acre area was developed with a nature trail in the late 1990's, and an 18 hole disc golf course in the early 2000's.

Thatcher Brook flows through the eastern portion of the site. Several acres on the eastern side of Thatcher Brook are not accessible directly from the main park area as there is no existing stream crossing for public access. Eastern wood turtle habitat is present in the riparian corridor for Thatcher Brook. There is a wetland complex present in the park featuring both wet-meadow and forested wetlands, that provide habitat and water resource management benefits. A vernal pool is present near the park and Thatcher Brook, but beyond the property boundaries.

Sensitivity to these natural resources is a critical component of park planning and management. Statewide planning tools were used to identify the riparian corridor and forest connectivity blocks present on the site. A site assessment by Arrowwood Environmental was completed to delineate the Class II wetland complex (see Appendix for full report).

The wetlands, vernal pool, and streams associated with, and Thatcher Brook itself, are arguably the most significant natural resources on and near the property. The combination of features provides a rich and diverse environment for a multitude of both land and aquatic species, likely including a suite of reptiles and amphibians,

birds, and mammals. These animals utilize the upland water interface to satisfy life requirements of food, water, and shelter as well as a travel corridor to expand territories, disperse and reproduce. The Vermont Agency of Natural Resources has identified Thatcher Brook as a brook trout water and defined a highest priority riparian area/wildlife connectivity zone for the waterway (ANR Atlas and Biofinder).

Thatcher Brook has also been included on the 2016 Stressed Waters List due to morphological instability and sediment pollution.

Cultural resources for the site were also assessed by Hartgen Archaeological Associates. Given the terrain and proximity to the brook, the site has a high probability of indigenous use, and any development in the easterly 20+/- acre portion of the park should be archeologically evaluated. See Appendix for the full archaeological report.

The impact of the existing recreational uses on tree health in the easterly 20+/- acre was assessed by Treeworks. The trees on the site include regeneration after the clearing that took place for agriculture, and remnant older trees including a former sugarbush. See aerial imagery on page 13 for the extent of clearing in 1960. The impact of the disc golf and passive recreation shows substantial difference in soil compaction around traveled pathways and launch platforms when compared to adjacent areas. As the area of compaction is limited to high-traffic areas, there may not be significant impact on existing trees as there is only a limited surface of their root zone that is affected. See Appendix for full tree assessment report.

NATURAL RESOURCES

- Riparian area along Thatcher Brook
- Class II wetland complex and associated 50' buffer
- Vernal pool near Thatcher Brook on private property south of public lands
- Wood Turtle habitat along Thatcher Brook

CULTURAL RESOURCES

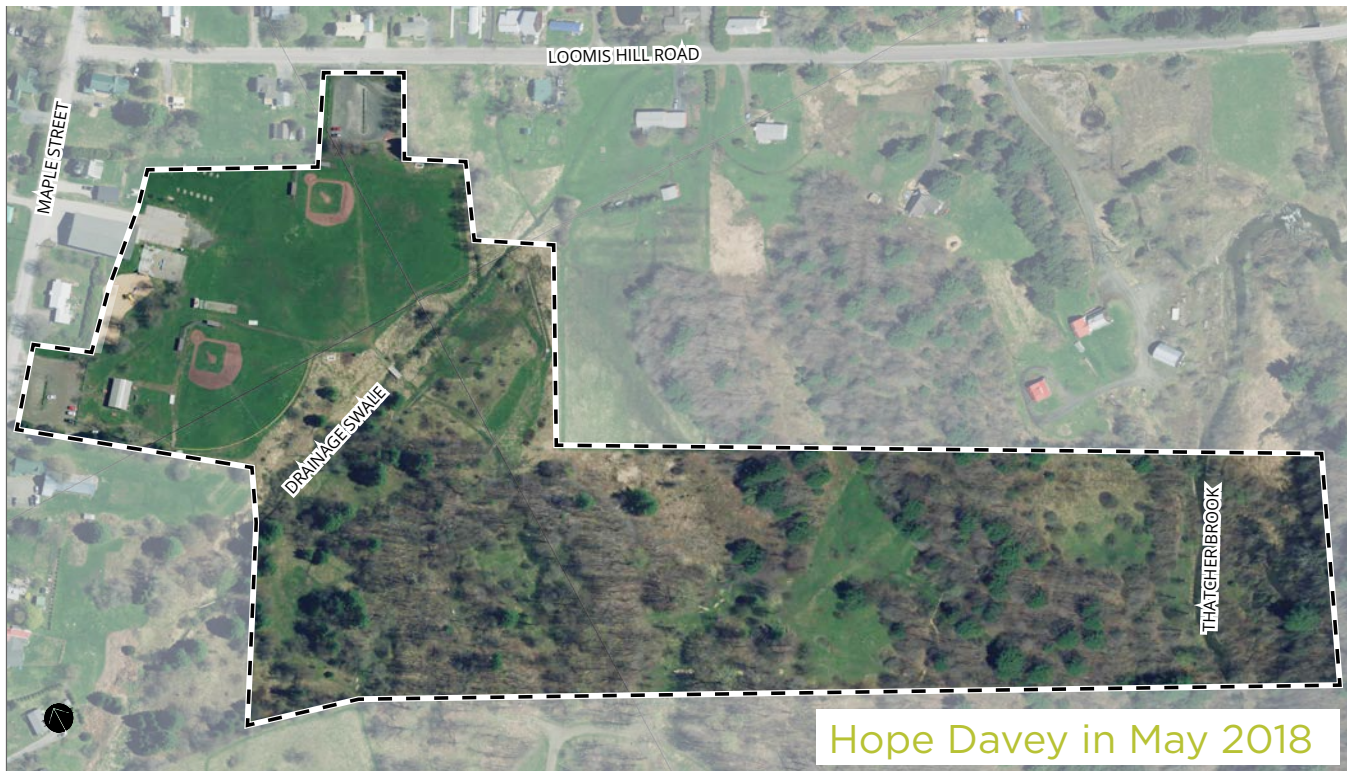
- Given the level terrain overlooking streams and wetlands, as well as elevated knolls in the 20-acre portion, any plans for development in this part of the park should be archaeologically evaluated.

SITE CONSTRAINTS AND CONSIDERATIONS

- Long-narrow parcel
- Property across Thatcher Brook is not accessible (no stream crossing)
- Nearby trail systems but no formal easement to access from Hope Davey.
- Most of site fully used for active recreation
- Neighboring residential use can present issues with discs and dogs in back yards
- Lack of accessible connections to park facilities



HOPE DAVEY PARK - AERIAL IMAGERY





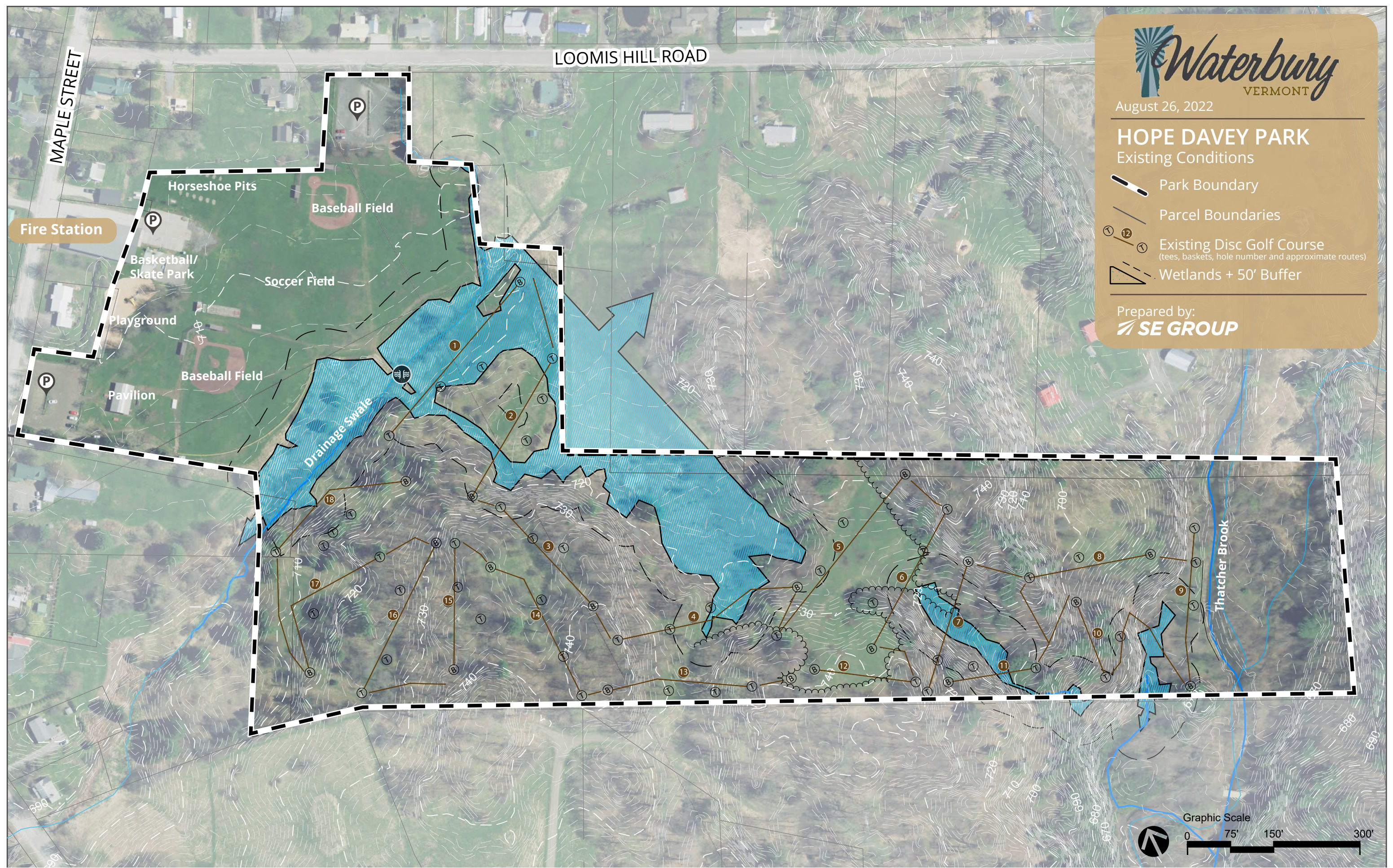
August 26, 2022

HOPE DAVEY PARK

Existing Conditions

- Park Boundary
- Parcel Boundaries
- Existing Disc Golf Course (tees, baskets, hole number and approximate routes)
- Wetlands + 50' Buffer

Prepared by:
SE GROUP



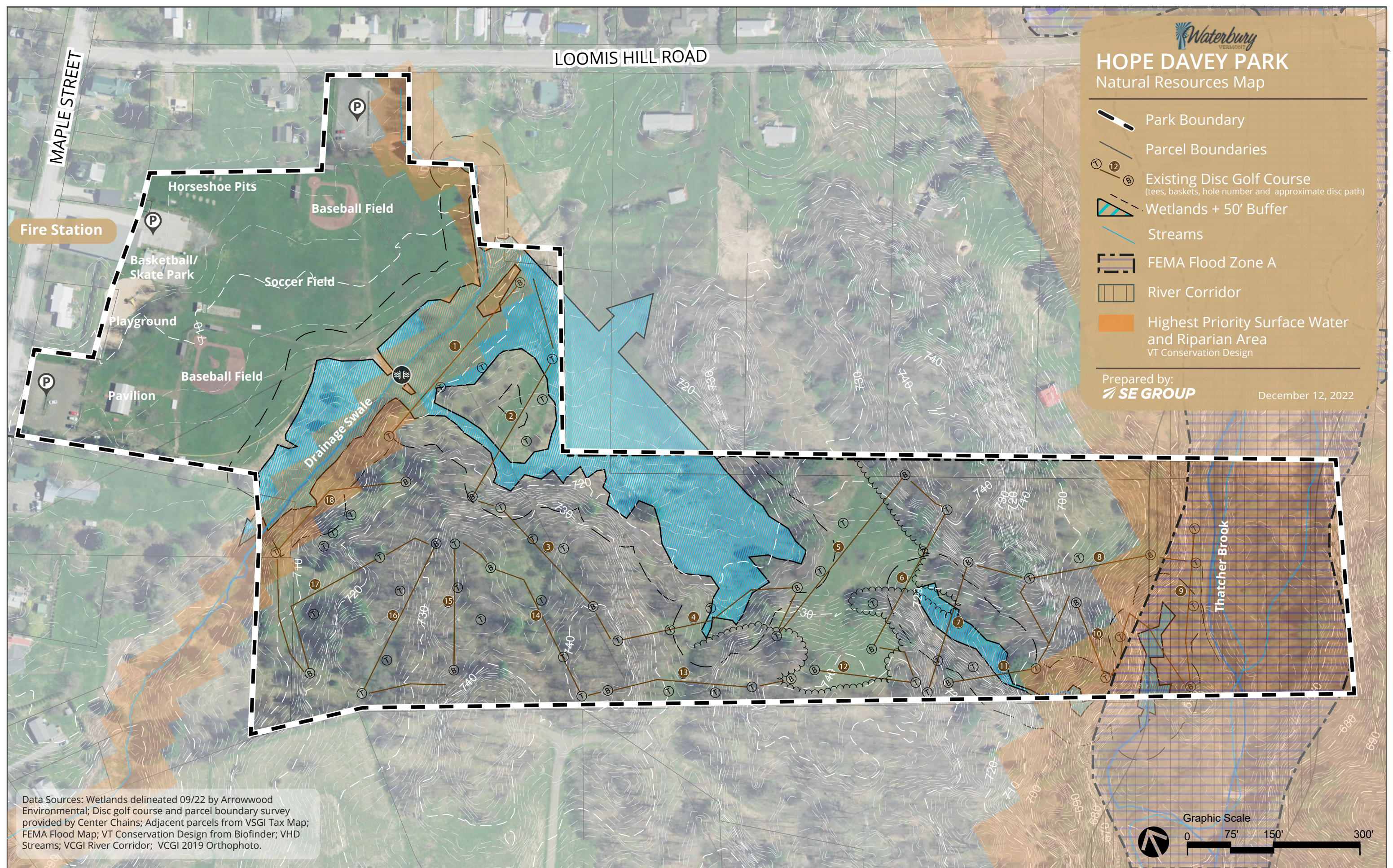


HOPE DAVEY PARK

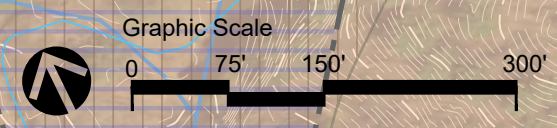
Natural Resources Map

- Park Boundary
- Parcel Boundaries
- Existing Disc Golf Course
(tees, baskets, hole number and approximate disc path)
- Wetlands + 50' Buffer
- Streams
- FEMA Flood Zone A
- River Corridor
- Highest Priority Surface Water and Riparian Area
VT Conservation Design

Prepared by:
SE GROUP December 12, 2022



Data Sources: Wetlands delineated 09/22 by Arrowwood Environmental; Disc golf course and parcel boundary survey provided by Center Chains; Adjacent parcels from VSGL Tax Map; FEMA Flood Map; VT Conservation Design from Biofinder; VHD Streams; VCGI River Corridor; VCGI 2019 Orthophoto.



EXISTING CONDITIONS - ICE CENTER AREA

SITE CONDITIONS

The Ice Center Area is a 40-acre parcel, which includes the Ice Center of Washington West, parking and access to the Perry Hill mountain bike trails, a pump track, a full-size soccer field used by Capitol Soccer, a dog park, and a materials storage area for the Town. The parcel is currently managed by the Town of Waterbury. It was previously the site of the town dump. Historically, two homes were located on the site, the Lamson-Bachelor site, and the Sargent House which was destroyed in the flood of 1927. Remnants of the Sargent House are no longer present on the site, and the below-ground features of the Lamson-Bachelor site are protected from disturbance. See the report by Hartgen Archeological Associates in Appendix D for further information on the history of the site.

The site parallels interstate I-89 and the New England Central Railroad. River Road runs through the site. The site is bounded on the southwestern side by the Winooski River. The site is in the floodplain and river corridor for the Winooski River, and it is subject to Act 250 jurisdiction. An Act 250 permit was obtained for the construction of the Ice Center and all subsequent development. A small Class III wetland is present on the site; see Appendix for full report from Arrowwood Environmental.

The Ice Center of Washington West, with associated parking was constructed in 2003. A full-size soccer field was constructed by Capital Soccer in 2011. The fenced dog park and mountain bike terrain park were permitted in 2011. The Perry Hill trail access parking lot and mountain bike terrain park (pump track) are managed by WATA - Waterbury Area Trail Alliance.



NATURAL RESOURCES

- 100' buffer to top of riverbank (per Act 250): Allow to remain natural, limited paths perpendicular to river to access water
- 100 year FEMA mapped Flood Zone/Floodway: No permanent structures in floodway (temporary structures, fencing allowed), balance cut and fill
- Floodway Fringe/100 year Floodplain: Balance cut and fill, limited development
- Primary Agriculture Soils: do not reduce the agricultural or forestry potential, as possible, or mitigate impacts if necessary
- Wetlands (presumed Class III) - limit disturbance as possible.
- Rare, Threatened and Endangered Species: Freshwater pearl mussel. Preservation of 100' Riverbank setback would protect species
- River Corridor (per Act 250): Potential area for river to meander, do not constrain any further. Proposed development should be downstream of existing

development and no closer to the river.

CULTURAL RESOURCES

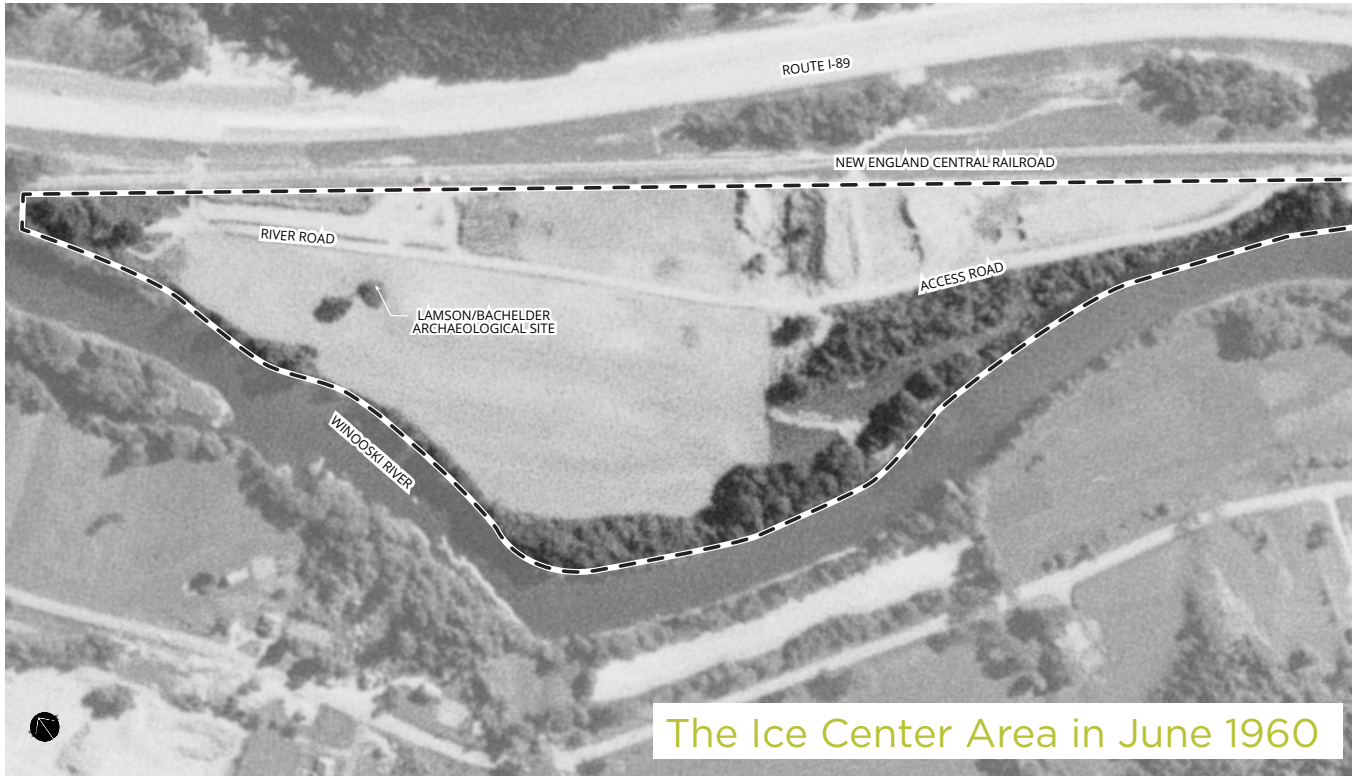
- Lamson-Bachelder Site - avoid sub-grade disturbance if possible.
- Former Sargent House site (located at the far northwestern corner of the parcel) - consider plaque commemorating the family and the 1927 flood.

SITE CONSTRAINTS AND CONSIDERATIONS

- Overhead utility corridor parallel to railroad
- Railroad right-of-way
- Town materials storage area - relocate truck access
- Existing Perry Hill trails parking in 100' buffer to the top of the riverbank - relocate outside of buffer
- Parking needs exceed capacity during large events
- Traffic speeds on River Road can present safety concerns



ICE CENTER AREA PARK - AERIAL IMAGERY








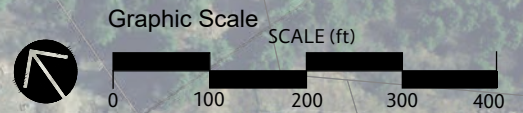
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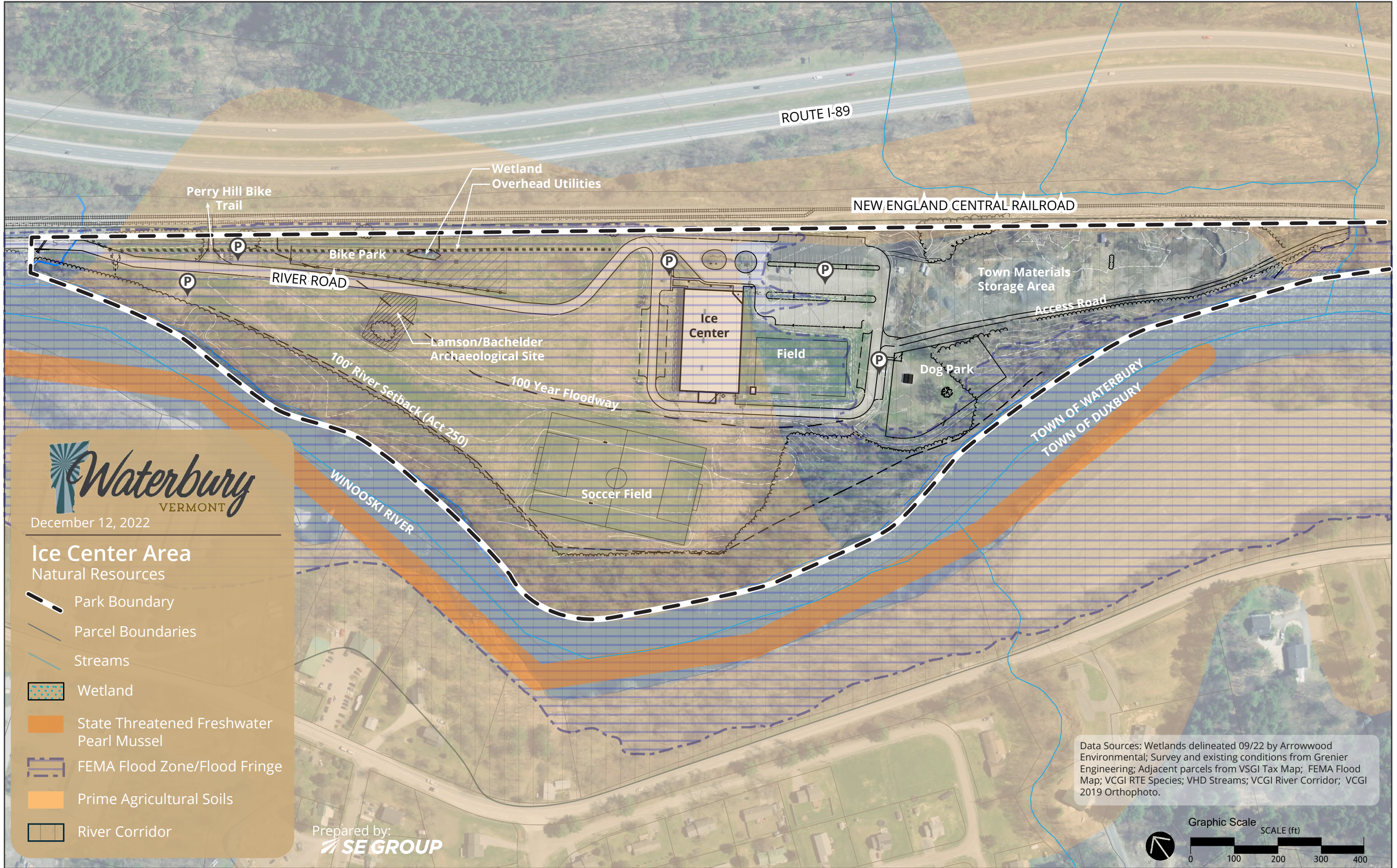
Ice Center Area

Existing Conditions

-  Park Boundary
-  Parcel Boundaries
-  Survey Contours

Prepared by:
SE GROUP





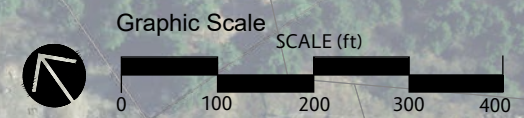
December 12, 2022

Ice Center Area Natural Resources

-  Park Boundary
-  Parcel Boundaries
-  Streams
-  Wetland
-  State Threatened Freshwater Pearl Mussel
-  FEMA Flood Zone/Flood Fringe
-  Prime Agricultural Soils
-  River Corridor

Prepared by:
SE GROUP

Data Sources: Wetlands delineated 09/22 by Arrowwood Environmental; Survey and existing conditions from Grenier Engineering; Adjacent parcels from VSGI Tax Map; FEMA Flood Map; VCGI RTE Species; VHD Streams; VCGI River Corridor; VCGI 2019 Orthophoto.



Waterbury Hope Davey and Ice Center Area Parks Master Plan

Chapter 3: Public Engagement



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PUBLIC ENGAGEMENT PROCESS

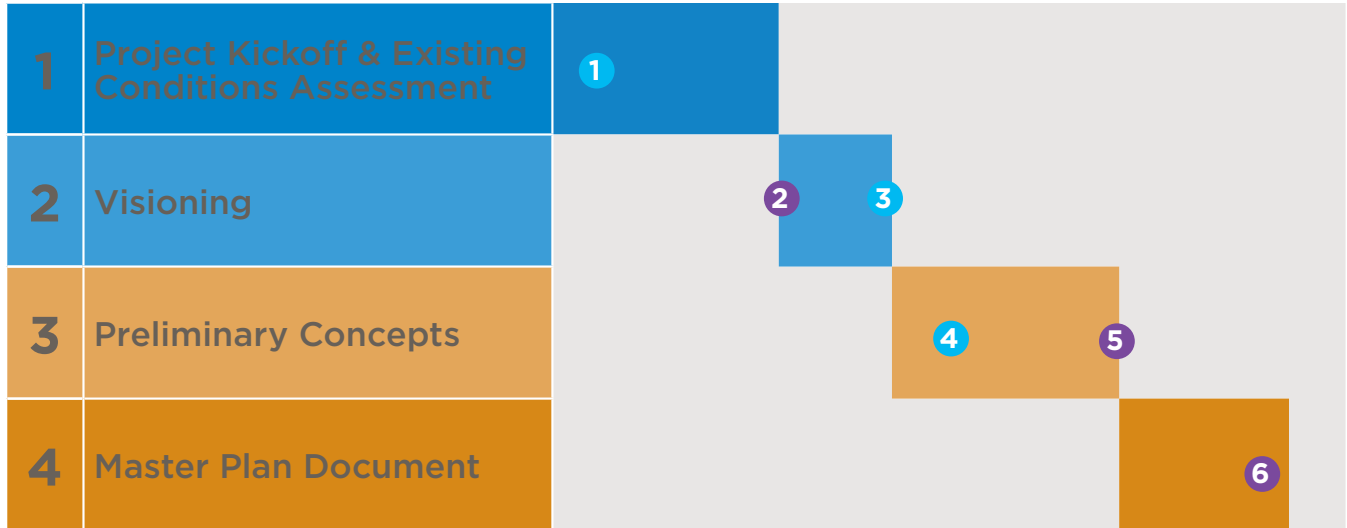
Public engagement was critical to the development of the Waterbury Parks Master Plan for Hope Davey Park and the Ice Center Area. Community input was fostered through the creation of a steering committee, which was assembled by the Town of Waterbury and comprised of municipal staff, representatives from the Town of Waterbury Recreation Committee, various recreation organizations, and residents of the neighborhoods adjacent to the parks. The steering committee provided in depth review throughout the planning and design process. All steering committee meetings were noticed in accordance with open meeting law and available to the public.

Public engagement was solicited to the Waterbury community at large to gather input on values and desired program elements, to provide feedback on the direction of the concepts, and to learn about the final Master Plan.

Steve Lotspeich, Waterbury Town Planner, facilitated the steering committee meetings and public meetings.

The project timeline below outlines the engagement meetings held throughout the parks Master Plan study timeline.

PROJECT ENGAGEMENT TIMELINE



PUBLIC MEETINGS

- 1 Site Walk with Steering Committee/Stakeholders
- 2 Community Visioning Workshop & Survey
- 3 Review of Community Engagement Results
- 4 Preliminary Concept Review
- 5 Preferred Concept Presentation & Feedback
- 6 Final Master Plan Presentation

Key:

- # Steering Committee Meetings
- # Community Engagement Meeting

COMMUNITY VISIONING OPEN HOUSE AND ONLINE SURVEY

An Open House for the Waterbury Parks Study was held at the Steele Community Room in Waterbury on September 15, 2022. An online survey was launched in conjunction with the Open House on September 13, 2022 and remained open through September 30, 2022. An estimated 50 people attended the open house, and there were 274 complete survey responses and 177 partial responses. Both methods of engagement were open to the public, and participants were asked to identify how far away from each park they live and by what means they arrive at the park. The summary document in Appendix B includes both Open House and online survey results, though they are summarized separately.

Participants were presented with background information on the parks planning process, history of the parks, and project goals. Participants were then asked to respond to a series of questions for both parks to identify their current relationship to the park, preferred potential activities and amenities, and identify priorities for improvement. Both public engagement methods were primarily focused on understanding the community vision related to the two municipal parks, the management balance of the current uses, the natural resources present on the site, and future activities in the parks. See Appendix B for full summary of the community visioning results.

The results of these public input methods were consolidated into identified program goals and a statement of Purpose and Needs for each of the two parks. The program goals and purpose and needs statements were reviewed in a meeting with the steering committee, refined, and used to guide the development of the site plans. These statements are presented on the following pages.

PREFERRED CONCEPT PRESENTATION & FEEDBACK

Once preferred concepts were prepared by SE Group, they were presented to the public in a meeting held in the Steele Community Room in Waterbury on March 2nd, 2023. Members of the steering committee and public had the opportunity to respond during the meeting, and email additional comments to the Town of Waterbury. These comments were incorporated into final design plans and recommendations presented in Chapter 4.

FINAL MASTER PLAN PRESENTATION

The contents of this document will be shared with the public at a Selectboard Meeting.

HOPE DAVEY PARK - PURPOSE & NEEDS

PURPOSE

The purpose of Hope Davey Park project is to plan and design a concept for improving the layout and management of this centrally located public park using principles of ecological and accessible design. The project is intended to provide safe access to the park's key recreational amenities while enhancing and protecting the natural setting. The goal is to serve the needs of local residents and neighbors, out-of-town visitors, and people of all ages and abilities who seek the benefits of active recreation, community gathering spaces, and multi-use passive and active recreation in a diverse environment, while maintaining the area's wetland and habitat functions.

NEED

IMPROVE THE ACTIVE RECREATIONAL EXPERIENCES OFFERED.

Although the ball fields and playground are well maintained, disc golf users have expressed a need for improvements to the course, and the skatepark is currently in disrepair and in need of renovations.

MAKE THE PARK ACCESSIBLE TO ALL.

Access to the site, including community and family gathering spaces such as the pavilion, playground, and sports fields sidelines are not currently ADA accessible. There is an identified need to provide ADA access from both parking lots to these resources.

ENHANCE OPPORTUNITIES TO ENJOY THE NATURAL AREAS OF THE PARK AND SUPPORT THEIR EDUCATIONAL POTENTIAL.

The site is home to a range of ecological environments including wetlands, a stream and riparian area, mixed forest, and former farmland. A nature trail used to provide passive recreation access to this part of the park, but it was not maintained and has become non-existent since the disc golf course became more dominant. The disc golf course paths and an old farm road are used periodically by people walking, horseback riding, and taking their dogs for walks. There is a need to re-establish a nature trail through the park that requires minimal crossings of the disc golf course. Informal nature education opportunities should be supported with interpretive signs.

IMPROVE THE ECOLOGICAL HEALTH OF THE PARK.

The presence of Class II wetlands, sloped wooded areas, and the Thatcher Brook riparian corridor inspire an ecologically responsive use of the site that provides a balance of the recreational needs with the environmental values of the community. While the established disc golf course baskets, tees, paths, and mowed areas meet regulatory requirements, a sensitivity to maintaining and improving the wetlands and associated buffers, riparian and wooded areas, should be considered for all proposed improvements.

HOPE DAVEY PARK - PROGRAM GOALS

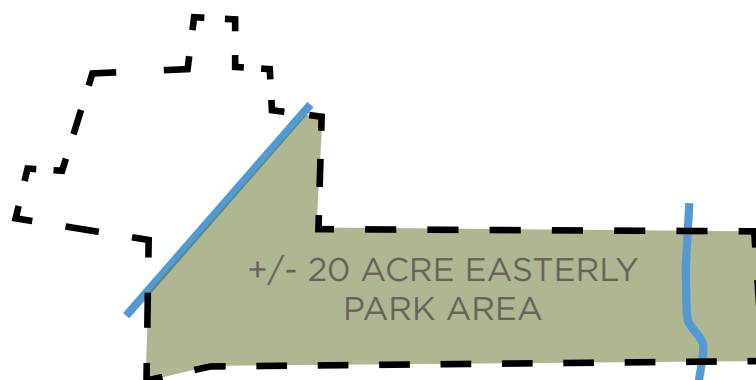
In addition to the purpose and needs statements, primary program elements were identified to inform the site concepts.

ACTIVE RECREATION AREA

- Improve ADA access to active spaces
- Expand playground
- Update pavilion for ADA access
- Expand parking at rear of fire station
- Improve restroom facilities
- Replace/repair skatepark, which is in poor condition, to meet appropriate standards
- Incorporate visual arts in the existing facilities and proposed improvements
- Optimize basketball court and delineate skateboard park features

20 ACRES EASTERLY PARK AREA

- Create passive nature trail with separation as possible from disc golf course
- Define parcel boundaries and provide separation/screening between land uses where needed
- Establish ecological protection priorities
- Manage/upgrade disc golf amenities to improve user experience, decrease conflicts with other uses, and be sensitive to neighborhood and ecological context
- Consider updated kiosk near bridge to 20-acre area
- Establish wayfinding signage for nature trail and disc golf course
- Protect and interpret pollinator fields, wetlands, old-growth sugar maples
- Consider future opportunities to connect to other trail networks



ICE CENTER AREA PARK - PURPOSE & NEEDS

PURPOSE

The purpose of the Ice Center Area Park project is to plan and design upgrades and additions to the park to accommodate additional uses and activities. This park encompasses the entire municipal parcel that includes the Ice Center and adjacent areas. The project is intended to enhance the riverfront setting and meet an increased diversity of recreational needs. The goal is to serve the needs of local residents and visitors of all ages, while balancing town resource needs and meeting regulatory requirements along the Winooski River.

NEED

PROVIDE PASSIVE RECREATION OPPORTUNITIES, INCLUDING GATHERING/ RESTING PLACES, AND ACCESS TO THE RIVER.

Adding passive recreational opportunities that increase the frequency and duration of use for local residents, including older and differently abled members of the community, is a goal of the project. The park boundary follows the Winooski River, and pedestrian access to the river's edge from the park should be improved to connect the community to this natural and cultural resource. Places to gather and sit should be identified and explored, as well as a path around the park. Additional opportunities for public art installations, gardens, reflective areas, or interpretive signage should be considered.

EXPAND ACTIVE RECREATION TO ACCOMMODATE NEW AND EXPANDED OPPORTUNITIES.

Stakeholder groups within the community are advocating for the addition of a soccer field and a concrete skatepark to serve local needs and potentially attract visitors. Community interest in additional active recreation opportunities such as a volleyball court and expanded mountain bike opportunities are also being considered, along with their management and maintenance. The visual arts should be incorporated in existing and proposed facilities where feasible.

IMPROVE SAFE ACCESS TO AND WITHIN THE PARK.

Vehicles travel relatively fast on River Road, and the road is not wide enough to safely accommodate bike and pedestrian circulation. In addition to road width, traffic calming, crosswalks, and alternative bike/pedestrian paths should be considered in the design process. New recreational uses should consider proximity to site lighting and other park features to promote visibility of different park users.

MANAGE THE PARK TO PROTECT ECOLOGICAL, FLOODPLAIN, AND CULTURAL RESOURCE INTEGRITY.

The park's proximity to the Winooski River requires consideration of development impacts to floodplain, river corridor, riparian habitat, and water quality. An old house foundation of archaeological significance is present in the park, as well as prime agricultural soils. Park improvements and development need to be responsive to the cultural and ecological constraints, which are dictated by regulatory requirements.

ICE CENTER AREA PARK - PROGRAM GOALS

In addition to the purpose and needs statements, primary program elements were identified to inform the site concepts. The primary goals were identified by themes that were mentioned most frequently in the community engagement process, as well as efforts that recreation stakeholders had already begun to spearhead. Primary goals should be included in all concepts, and secondary goals should be accommodated as much as feasible.

PRIMARY GOALS

- Construct skatepark
- Develop multi-use, multi-season mown/natural surface trail
- Enhance river access
- Provide public restrooms
- Protect or reconstruct pump track
- Manage speed of vehicular traffic for bike and pedestrian safety on River Road
- Add one youth soccer field
- Improve Perry Hill Parking to meet demand and Act 250 requirements; maintain or expand parking for Ice Center and Soccer events; maintain or expand parking for additional uses (skate park)
- Ensure all recreational development meets ADA standards to provide accessibility
- Create gathering places including shelter
- Incorporate the visual arts

SECONDARY GOALS

- Integrate bike skills elements with trail or create expanded bike skills park/pump track
- Improve mountain bike kiosk/tune-up station
- Facilitate space for concerts and events
- Create playground

Waterbury Hope Davey and Ice Center Area Parks Master Plan

Chapter 4: Parks Concepts & Recommendations



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PARK CONCEPTS

The Hope Davey and Ice Center Area Parks Master Plan for the Town of Waterbury is a comprehensive vision for how these existing park parcels could be further developed with additional recreation and community amenities. The program is extensive and is geared towards creating a vibrant, active, community asset that satisfies multiple age groups and abilities, while balancing natural resource management. These community parks are an asset for Waterbury and the surrounding region and should continue to be for generations to come.

The following pages present the park concepts as developed by SE Group, following the vision established through the community visioning process and responding to regulatory and site constraints. Several concept alternatives were considered for the parks and refined through feedback from the Steering Committee and public at large. Appendix A shows the preliminary concepts that were developed and shared in the public meeting on March 2nd, 2023.

The concepts presented in the Master Plan should be considered high-level conceptual designs that establish a vision and potential pathway for future development, while supporting project planning and grant applications. As the site improvements move closer to implementation, continued refinement of the designs should be completed, taking into account community priorities, natural resource considerations, and regulatory requirements.

Note: This document represents plans for development and repair of facilities and does not address management and use of these assets and resources. The Town of Waterbury will develop management plans for these two town parks.

HOPE DAVEY PARK SITE PLAN ELEMENTS

8-ACRE SPORTS FIELD AREA

Park improvements in this area include improving the existing conditions to better support the current uses and provide safe, accessible, and well-maintained park amenities.

Improvements to allow people of all ages and abilities to use the park include adding accessible paths from accessible parking stalls to the pavilion, playground, sport field sidelines, skatepark and basketball court, the wetland crossing bridge, and the toilets. In addition, adding benches and improving the condition of the surfacing in the existing pavilion will support intergenerational use.

The above-ground skatepark would be removed and replaced to create safe conditions. This effort is being led by the Waterbury Skatepark Coalition in collaboration with the Town of Waterbury. Repair/replacement of the basketball hoop should be undertaken to maintain two hoops for competitive play. Delineation between the skatepark and basketball court area should be addressed.

The playground surfacing should be evaluated to ensure accessibility standards are met and re-surfaced as needed. The option to use a more stable play surface to improve accessibility to key play pieces should be considered. The playground area could be infilled with additional play pieces to maximize the play opportunities, with the potential to make these new pieces fully accessible.

Opportunities to add artwork to available spaces and park elements should be explored to add another level of interest to the park.

The plan proposes an expansion of the fire station parking lot to accommodate 14 additional spaces on gravel to help meet parking demand.

Stormwater treatment would need to be provided for both existing and additional impervious surfaces, including the parking area and accessible trails.

Wooden Portable Toilet Enclosure



Wooden enclosures for the portable toilets currently on site would provide an improved aesthetic at the gateways to the park.

20-ACRE EASTERLY AREA

Park improvements in the 20-acre portion of the site are focused on balancing natural resource protection of the wetland complex, riparian corridor, and nearby vernal pool while accommodating both active disc golf play and passive recreational trail use. Buffering park use from adjacent residential properties at key locations is another feature of the plan.

The following describes considerations for managing these shared uses. Further re-design considerations for shared disc-golf and nature trail layout could be addressed through consultation with a professional disc-golf designer. Adding a passive nature trail through the 20-acre portion of the park would require final trail layout that minimizes wetland impacts, and minimizes potential conflicts with disc golf lines of throw.

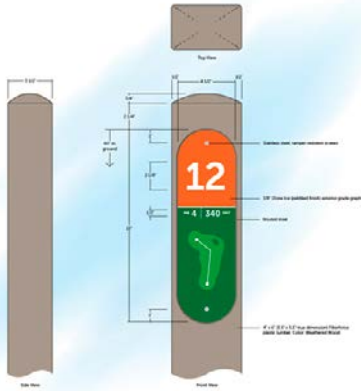
The idea of reducing the disc-golf course from 18 holes to 9 holes has been expressed by several community members. The disc-golf course has been in operation for around 20 years and is enjoyed by local residents, while also drawing regional visitors that support the town's recreation economy. The current recommendation is to continue to improve the 18-hole course with expert review and design advice.

To limit conflicts between disc golf users and abutting property owners, a 30' offset from the property line for disc golf infrastructure is recommended. The 30' distance relates to the zoning overlay setback for buildings in the district, even though disk golf baskets, tee boxes, and other features are exempt from zoning setbacks. This practice can be applied on a case-by-case basis to promote better park/neighbor relations.

The existing kiosk and lockers that welcome users to the disc golf course, located across the bridge near Hole 1, should be reviewed for a potential upgrade.

HOPE DAVEY PARK SITE PLAN ELEMENTS

DISC GOLF WAYFINDING



Wayfinding signage for the disc golf course would improve legibility between disc golf paths and nature trail paths and increase understanding of the course for new disc golf users.

Signage should include directional information as well as warnings to notify park users to be aware of the different uses of the park.

NATURE TRAIL WAYFINDING



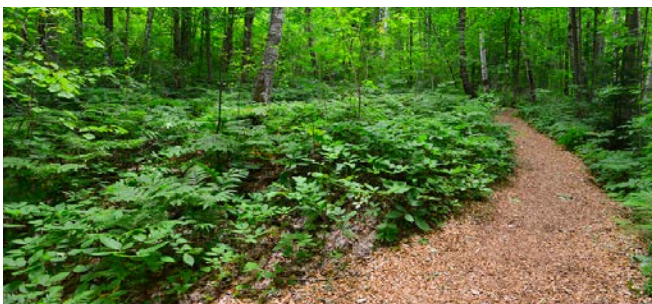
Trail signage with a recognizable marker would help keep trail users on the path and help minimize walking in sensitive natural resource areas. Route markers should be at junctions and as needed for user reassurance.

INTERPRETIVE SIGNAGE



Interpretive signage could present educational information about the Abenaki history on the site given the likely historic use, the riparian habitat and sensitive species, and other ecological and cultural topics.

WOOD CHIP SURFACING



Wood chip surfacing can reduce soil compaction and help delineate paths. Wood chip paths and reinforcement around baskets and tees should be added for areas outside of wetlands and wetland buffers and should be maintained annually.

HOPE DAVEY PARK SITE PLAN ELEMENTS

TRAILS BEST PRACTICES

The trails in the 20-acre easterly portion of Hope Davey Park should follow design standards for the US Forest Service Class 3 trails, appropriate for developed trails using primarily native surfacing. The trail should be planned as one lane, with passing room created with vegetation cleared from the trail. Trail widths are generally 3'-6' wide, and boardwalks or bridges should have a minimum width of 18". The trail can generally use native materials, though in some areas imported materials may be used. Obstacles may be present but are not intended to create challenge, and all obstacles above 10" should be cleared. Vegetative clearing should be managed to allow for a clear space 7'-8' high, and 3'-6' wide.

Trails should be built properly to reduce maintenance costs far into the future. Elements of sustainable trail design and routing include a sustainable grade, an optimal cross slope, a curvilinear alignment, and other considerations.

The target grade is 3%-12% slopes on the trail, with a maximum pitch of 25% for short distances. Long steep slopes, or slopes steeper than 25% should be rerouted, or steps or stairs added to aid trail use and limit erosion. The target cross-slope for the trails is 2%-10%, with a maximum cross slope of 15%. In areas where the cross slope is less than 2%, water can pool and drainage improvements may need to be considered.

Utilize a 3" depth of woodchips in wooded trail areas to reduce soil compaction and the impact to existing trees.

Routing trails on a curvilinear route that matches the terrain not only helps the trail blend into the landscape, it helps water flow over trails, lessening the impact to both the existing drainage and the trail. Where there are drainages crossing the trail, the trail should dip into and out of the drainage, not block it. Bridges, boardwalks, retaining walls, waterbars and drainage dips can be used where needed for drainage management and natural resource protection. Foot trails should wind around mature trees.

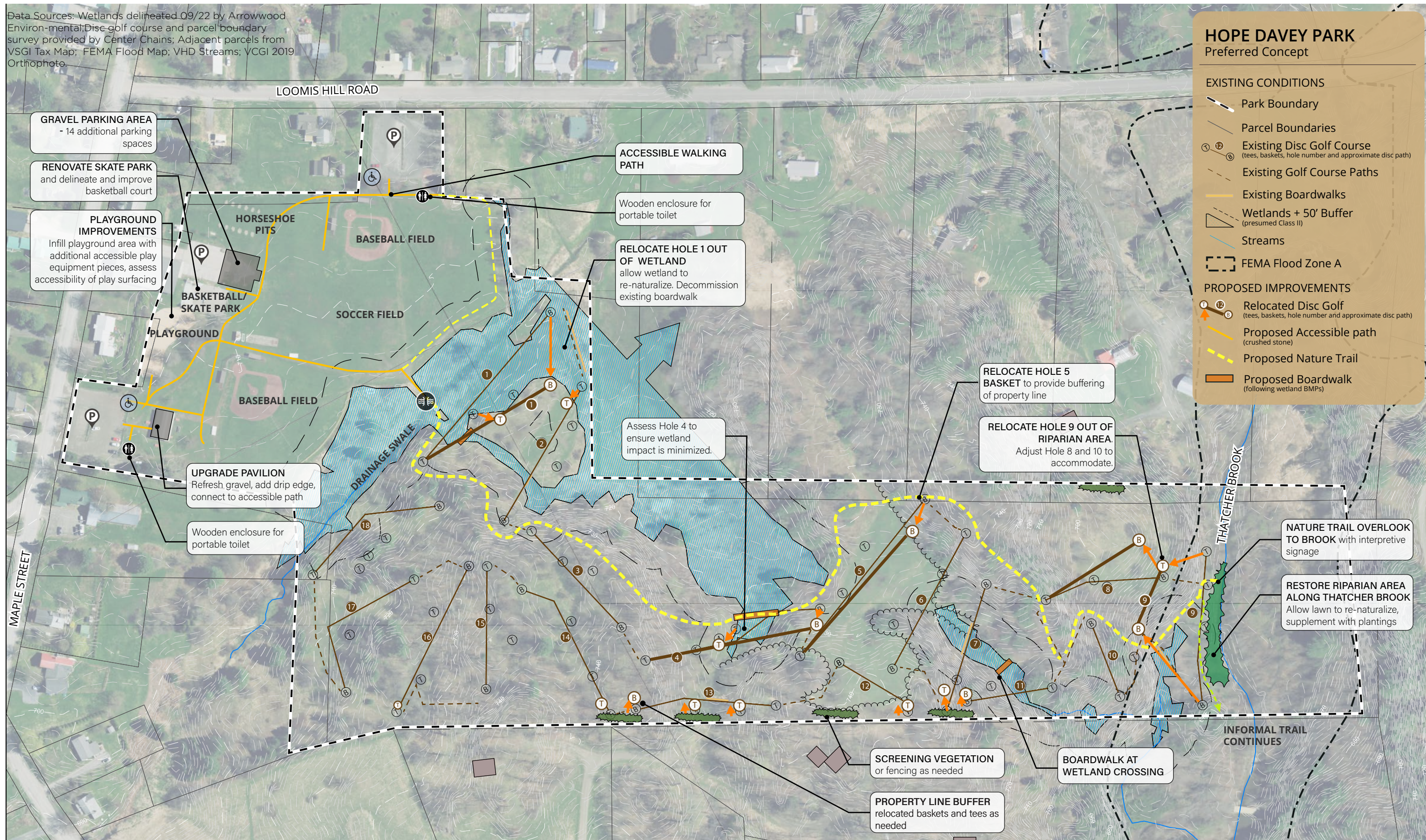
Interpretive signage can be included along the walking path to educate pedestrians about sensitive areas and the importance of staying on the path.

TRAILS AND WETLAND IMPACTS

Trails should avoid wetlands and wetland buffer areas where possible to avoid impacting the fragile ecosystem, wildlife habitat, and water quality. When crossings are unavoidable, use bridges, boardwalks and catwalks that follow Vermont Wetland Rules Best Management Practices and allow the proper passage of water and light below. Limit any filling to create trail surfaces, including mulch, to under 250 sq. ft. for the park. The use of puncheons or bog bridges in wetter areas helps ensure trails stay narrow and dry for hikers.

*Trail construction BMPs summarized from the US Forest Service. Wetland BMPs summarized from Vermont Wetland Rules

Data Sources: Wetlands delineated 09/22 by Arrowwood Environmental; Disc golf course and parcel boundary survey provided by Center Chains; Adjacent parcels from VSGI Tax Map; FEMA Flood Map; VHD Streams; VCGI 2019 Orthophoto.



HOPE DAVEY PARK Preferred Concept

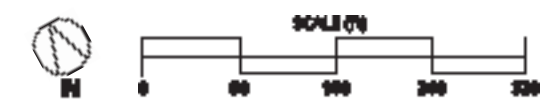
EXISTING CONDITIONS

- Park Boundary
- Parcel Boundaries
- Existing Disc Golf Course (tees, baskets, hole number and approximate disc path)
- Existing Golf Course Paths
- Existing Boardwalks
- Wetlands + 50' Buffer (presumed Class II)
- Streams
- FEMA Flood Zone A

PROPOSED IMPROVEMENTS

- Relocated Disc Golf (tees, baskets, hole number and approximate disc path)
- Proposed Accessible path (crushed stone)
- Proposed Nature Trail
- Proposed Boardwalk (following wetland BMPs)

HOPE DAVEY PARK CONCEPT PLAN



ICE CENTER AREA PARK SITE PLAN ELEMENTS

The preferred concept was developed to limit development impacts closer to the river than the existing site features including the Ice Center building and River Road, and to meet regulatory requirements for the river corridor under Act 250.

The program includes accommodating a new skate park, soccer field, community gathering space, and addressing concerns with parking and circulation.

CONCRETE SKATEPARK



A new concrete skatepark would represent a valuable addition to Waterbury's recreational offerings. Appealing to people on skateboards, scooters, and BMX bikes, a well-designed skatepark provides a healthy outlet for young people outside of organized sports. Locating the skatepark in a highly visible location next to other activities would help moderate potential issues with illicit behavior.

SKATEPARK WITH ASPHALT PUMP TRACK



The option of a paved pump track loop addition could be considered to provide a unique recreational experience not found elsewhere in Vermont. Paved pump tracks are fun for kids of all ages (and parents too) on skateboards, scooters, and bikes.

PROGRESSIVE JUMP LINES



A well-designed and constructed dirt jump facility provides an opportunity for progressive skills development for BMX bikers and mountain bikers. One line would be easy with small jump features that young children - even on balance bikes - could roll right over. The other lines would include progressively larger jump features that require more skills. An elevated start mound would provide the gravity assistance needed to generate sufficient speed to clear the jumps.

ICE CENTER AREA PARK SITE PLAN ELEMENTS

PAVILION



A pavilion in the gathering area would provide a place for people of all ages to rest, find shade and shelter, and support small events and camps/classes. The pavilion would be located conveniently for parents or adults to supervise children in the active recreation areas.



Public restroom facilities could be combined with the pavilion structure.

PUBLIC ART



The gathering area presents an excellent opportunity to present public art made by local artists. Durable outdoor sculptures could be located in the lawn gathering area, while a wall in the pavilion could be utilized for a mural.

Additional public art pieces could be incorporated at the entrance and drop-off to the Ice Center.

PLAY AREA



A small play area would provide an activity for younger kids that supplements the other activities available within the park. The playground could be designed to utilize natural wood climbing structures or custom features, distinguishing it from other playgrounds within Waterbury.

ICE CENTER AREA PARK SITE PLAN ELEMENTS

SOCCER FIELD



An additional soccer field, sized to meet U-12 standards, can be added to the park. This field would be sited within the river corridor and partially within the floodway and would need to be carefully designed to balance cut and fill. The field would be considered a “guest of the river” and would not be protected from erosion if the river shifts.

LOOP TRAIL



A looping natural surface path would support passive recreation in the park. Paths running parallel to the riverbank with imported materials such as stonedust would present permitting challenges so mown paths or natural surface paths are proposed within that zone. These paths would be considered “guests of the river” and would need to be relocated if the river shifts over time.

INTERPRETIVE SIGNAGE



Interpretive signage could present educational information about the historic uses of the site, the riparian buffer, and other natural and cultural elements.

STORMWATER MANAGEMENT



Existing and proposed impervious improvements are required to effectively manage stormwater. This could likely be done by modifying the existing stormwater treatment area, through vegetated buffers, and through other green infrastructure practices. Soil data and site analysis would inform appropriate stormwater design.

ICE CENTER AREA PARK SITE PLAN ELEMENTS

PARKING AND ACCESSIBLE CIRCULATION

A centrally located larger parking area would serve multiple uses and serve to replace the Perry Hill overflow parking area that was located in the river buffer. This parking lot would connect to the multi-use path that would serve the skate park, gathering area, pump track and Perry Hill trailhead. Fencing between this path and the active railroad would improve safety conditions. The adjacency of the parking lot to the soccer fields and Ice Center would provide convenient parking for both. A small parking lot near the gathering area and skate park would provide accessible parking for these amenities. A stone dust path can provide additional access to the soccer fields from the proposed central parking lot.

The access road into the materials storage area should be relocated to be closer to the railroad tracks and the northeast boundary of the park. This will allow for additional buffering between the dog park area and the materials storage area.

PLANTING

Riparian restoration should be completed to allow the full 100' river setback as required by Act 250 to be managed as floodplain forest. Additional areas of forest restoration can be expanded to provide more habitat diversity and create a varied edge between the mown grass and riparian forest areas. Areas currently mown as grass can be managed as a meadow and mown once or twice annually, reducing management costs and providing habitat benefits.

Additional buffer planting could be added between the existing Ice Center parking lot and the Town materials storage area by relocating the concrete barrier, amending the soil, and planting a mixture of deciduous and evergreen trees and shrubs. This would help buffer the visual impact of the storage area from the parking lot and dog park, without compromising a significant portion of the storage area capacity.

TRAFFIC CALMING RECOMMENDATIONS

Traffic calming along River Road is recommended to reduce the speed of vehicular travel. As road expansion or establishment of a separated sidewalk or bike path is not possible on the road on the northern part of the site due to the proximity of the river and railroad, measures to slow vehicular traffic on the road to allow for multiple uses is recommended. Potential traffic calming measures are listed below:

SPEED TABLES



Speed tables are parabolic “bumps” with a level top section which can be added to low volume, low-speed roads. They have been found to reduce speeds to 15-20 mph. They should be placed no further than 500 feet apart, and accompanied with sign warning drivers. They should be designed to allow for winter maintenance (NACTO).

STRIPING



Striping the road as two-way encourages motorists to be wary of oncoming traffic, and slow down. Shared Lane Markings (SLMs) or “sharrows” are road markings that indicate a shared lane for pedestrians and bicyclists. While not an ideal solution, this marking reinforces the legitimacy of bicycle traffic on the street (NACTO).

CROSSWALKS



Vertical signage can help identify crosswalks, in addition to high visibility road markings. Crosswalks can be combined with a speed table as a raised crosswalk, which adds additional speed reduction (NACTO).



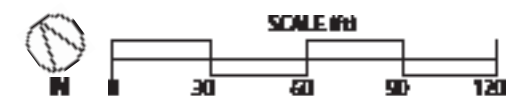
ICE CENTER AREA PARK: OVERALL PARK CONCEPT PLAN



Data Sources: Wetlands delineated 09/22 by Arrowwood Environmental; Survey and existing conditions from Grenier Engineering; Adjacent parcels from VSGI Tax Map; VCGI Contours from 2013-2017 lidar; FEMA Flood Map; VCGI 2019 Orthophoto.



ICE CENTER AREA PARK: GATHERING AREA CONCEPT PLAN ENLARGEMENT



Waterbury Hope Davey and Ice Center Area Parks Master Plan

Chapter 5: Implementation Plan



DRAFT

PARK DESIGN IMPLEMENTATION

The Hope Davey and Ice Center Area Parks Master Plan for the Town of Waterbury is a comprehensive vision for how these existing recreation parcels could be further developed with additional recreation and community amenities. The program is extensive and is geared towards creating a vibrant and active community asset that satisfies multiple age groups and abilities and balances natural resource management.

Recommended next steps for the Hope Davey Park improvements in the developed 8-acre portion include developing detailed site and stormwater designs and applying for required permits. For the disc golf and nature trail area, consulting a professional disc golf designer to review the proposed changes to the disc golf course and assess the relationship between the disc golf course and the proposed nature trail would be recommended. Completing a wayfinding and signage design plan for interpretive signs as well as disc golf and nature trail wayfinding signs is recommended. Implementation can be done through a combination of volunteer efforts and professional contracts.

The Ice Center Area will need to undergo site and stormwater design, including careful cut/fill calculation studies to ensure that construction within the floodplain would not constrict the flow of the river and elevate the 100 year flood level. Design of the skatepark and soccer field should be completed with these considerations in mind in collaboration with local recreation stakeholder groups. Architectural design of the pavilion and potential public restroom facilities will be required. Further site design for all park elements will be required and required permit submission and approval before the start of construction. Collaboration with local arts groups can yield ideas for public art features and assistance in implementation. Finally, the naming process for this park area should be continued, following initial ideation completed during the community visioning process.

While the Master Plan provides a vision for what elements could be included at the site, the community should prioritize which elements are most important in the near and long term. Breaking the overall project into smaller phases, thinking critically about the phasing, suitability, and importance of different amenities, and creatively and aggressively pursuing funding options would allow Waterbury to accomplish the goal of increasing the recreation amenities that are available to the community over time. A Master Plan is a vision for the future, and taking the time to strategically implement this project over the next five, ten, to twenty years will allow Waterbury to realize a great deal of these improvements for their community.

HOPE DAVEY PARK - PHASING AND IMPLEMENTATION

Park improvements and design were identified through the public visioning process, site analysis and investigation for natural and cultural resources, and an understanding of regulatory constraints. Key benefits and suggestions for prioritization and phasing are outlined below:

8-ACRE SPORTS FIELD AREA

All of the projects identified below could be implemented independently. Projects with accessibility and safety should be prioritized.

- Accessible Paths. Accessible connections to the pavilion, playground, and ball fields should be prioritized.
- Playground Improvements. Infill with additional play equipment would provide additional play opportunities, while other improvements would improve accessibility and safety.
- Skatepark Renovation. Given the deteriorating condition of the existing skatepark, demolition should be considered as an initial step if the condition presents serious safety concerns. Fundraising for improvements here could be done in conjunction for the proposed skatepark project at the Ice Center.
- Parking Expansion at the Fire Station. This relatively modest project would create a more sustainable and attractive condition.
- Wooden Enclosures for Portable Toilets. These enhancements would provide an improved aesthetic at the gateways to the park.

20-ACRE EASTERLY AREA

The two main focuses of improvements in this area of the park (protecting the river corridor area and adding a nature trail) could be implemented independently, while the final designs for the restructured disc golf and nature trail should be considered together, with safety being of paramount concern.

- Disc Golf Restructuring. Given community concern for minimizing environmental impacts and reducing conflicts with neighboring properties, this could be considered a higher priority project. Project components include:
 - Relocation of tees and baskets where appropriate (work could likely be completed by Center Chains)
 - Path improvements (path alignment changes, new wooden steps, wetland boardwalk crossings, bark mulch, wayfinding)
 - Vegetative buffers and fences along key neighboring properties
- Nature Trail. This work could potentially be done with volunteer support. Project components include:
 - Required tree and brush removal

- Trail raking, removal of duff layer
- Bench-cutting trail on slopes
- Timber steps where needed
- Trail markers
- Riparian Buffer Restoration. Much of this could be grant-funded and supported by volunteers, and the work could be completed after the disc golf infrastructure has been relocated outside of the riparian buffer. Project components include:
 - Restoration plantings
 - Overlook to brook

ICE CENTER AREA PARK - PHASING AND IMPLEMENTATION

We envision five distinct project phases that could be implemented separately. The prioritization of these project phases will be dependent on a number of factors: cost, available funds (public vs. private), and level of community support.

- Road improvements and Parking. These proposed improvements would help address current issues (pedestrian safety, parking capacity, regulatory compliance), while also supporting additional parking demands from expanded recreational opportunities. Project components include:
 - Road traffic-calming
 - Crosswalks
 - Removal of existing trailhead parking (not permit compliant)
 - New trailhead parking
 - New parking lot near Ice Center
 - Connecting paths between parking and trailhead
 - Chain-link fence along railroad along skatepark and gathering area
 - Associated stormwater treatment
- Skatepark. A skatepark committee is actively fundraising for this project, and municipal support would help the project come to fruition more quickly. Project components (with potential sub-phasing indicated) include:
 - Phase 1: 8,000sf skatepark with parking, lighting, and associated stormwater treatment
 - Phase 2: 5,000 skatepark addition
 - Phase 3: Paved pump track loop
- Gathering Area. The gathering area would likely not be justified until the skatepark is constructed and could be done in conjunction with the skate park project if the funding was available. It would serve as a node between the progressive jump lines (or existing dirt pump track) and the skatepark. Bathroom facilities would be appreciated by all outdoor recreation participants. Project components include:
 - Pavilion
 - Picnic lawn with public art
 - Play area (this could be added later)
 - Path connections
 - Lighting
 - Associated stormwater treatment

- Progressive Jump Lines. Although the existing dirt pump track could certainly remain as-is, this change would support a wider demographic of bikers, including adult mountain bikers.
- U-12 Soccer Field. Capital Soccer would likely fund this project, as was the case for the previous soccer field. Project components include:
 - Field
 - Stonedust connecting paths

ANTICIPATED PERMITS

HOPE DAVEY PARK - ANTICIPATED PERMITS

WETLANDS GENERAL PERMIT

- Governing Body: Vermont DEC - Watershed Management Division, Wetlands Program
- Required for all new impacts to mapped wetlands and 50' wetland buffer, including wetland crossings unless they comply with wetland BMPs, any tree removal, trails and walkways
- Preparation & Timeline:
 - Wetland verification by State Wetland Ecologist (May-October)
 - Coordination with DEC
 - Permit Application Preparation: 1 month
 - Permit submission and Review: 6-8 months

STORMWATER GENERAL PERMIT

- Governing body: Vermont Agency of Natural Resources Department of Environmental Conservation
- Required for impervious improvements (gravel parking lots and trails, etc.) as developments would result in a total impervious surface on the site greater than one acre.
- Preparation & Timeline:
 - Coordination with DEC
 - Engineering Design: 2-3 months
 - Permit Application: 1 month
 - Permit Submission and Review Period: 6-8 months

TOWN OF WATERBURY ZONING PERMIT

- Governing body: Town of Waterbury
- Required for additional parking, crushed stone paths, fencing, signage, etc.
- Preparation & Timeline:
 - Site Design: 2-3 months
 - Permit Application Preparation: 1 month
 - Permit Submission and Review Period: 2-3 months

ICE CENTER AREA PARK - ANTICIPATED PERMITS

ACT 250 PERMIT AMENDMENT

- Governing body: Vermont DEC
- Required for all development and earthwork in floodplain and river corridor, impact to prime agricultural soils (Vermont Agency of Agriculture, Foods and Markets)
- Preparation & Timeline:
 - Coordination with DEC District Coordinator
 - Site Design: 2-3 months
 - Engineering Design for Site Grading including cut-fill assessment: 2-3 months
 - Environmental Review: 1 month (can occur concurrently with engineering design)
 - Permit Application Preparation: 1 month (can occur concurrently with engineering design)
 - Permit Submission and Review: 2-3 months to issue permit

STORMWATER THREE-ACRE RULE GENERAL PERMIT

- Governing body: Vermont Agency of Natural Resources Department of Environmental Conservation
- Required for sites with three or more acres of impervious surface, the Ice Center parcel currently has 3.96 acres. This permit may be required regardless of whether the town makes changes to the park and adds impervious area. Requires implementation of stormwater best management practices during construction for new and existing development.
- Preparation & Timeline:
 - Coordination with DEC District Coordinator
 - Engineering Design: 2-3 months
 - Permit Application Preparation: 1 month
 - Permit Submission and Review: 6-8 months

TOWN OF WATERBURY ZONING PERMIT

- Governing body: Town of Waterbury
- Required for fields, fencing, signage, etc.
- Preparation & Timeline:
 - Site Design: 2-3 months
 - Permit Application Preparation: 1 month
 - Permit Submission and Review Period: 2-3 months
 - Permitting includes flood hazard review for all earthwork and fill for the skatepark

COST ESTIMATE

Project estimates at this phase of the process are intended to guide the decision making and funding process. While the estimated opinion of cost for the Hope Davey and Ice Center Area Parks does include a high level of detail relative to unit quantities and assumed scope within each phase, these are still based on general assumptions of the design such as material selection and finishes, stormwater design approach, and extent of earthwork. In addition, the estimate assumes a standard project delivery (design/bid/build) and includes the additional “soft costs” of subsequent design, permitting, and construction contingency. The estimate is very preliminary and can change as design decisions are made. Some elements such as trail construction may be completed by volunteers, which would also decrease the cost of those efforts. Note that varied funding sources including grants, private/non-profit contributions, and fundraising efforts could help offset project costs

Architecture costs can vary greatly depending on the style and quality of construction and the town should determine the quality of each that is necessary. We have carried an allowance for the pavilion building. Finally, the unit costs for elements are based on construction costs and estimates for similar work that we have completed recently. Costs will vary as the design is refined as well as based on market trends. A significant contingency is included in each cost estimate to help prepare for this unknown.



Waterbury Parks Project

05/15/23

Waterbury Hope Davey and Ice Center Area Parks

Hope Davey Park - 8 Acre Area

NO.	DESCRIPTION	Phase I Cost
1.00 Demolition/Deconstruction		
	remove and dispose existing structures	\$1,000.00
	remove and dispose existing skate park	\$4,000.00
	strip and stockpile 4" existing soil	\$2,860.00
	Subtotal	\$7,860
2.00 Site Preparation and Earthwork		
	earthwork and grading	\$6,600.00
	erosion prevention and sediment control	\$1,500.00
	Subtotal	\$8,100.00
3.00 Site Drainage		
	drainage	\$5,000.00
	stormwater management	\$10,000.00
	Subtotal	\$15,000.00
4.00 Paving and Hardscape		
	Paving	
	crushed stone path - 5' width	\$84,300.00
	crushed stone surfacing	\$18,500.00
	gravel parking lot	\$31,840.00
	Subtotal	\$134,640.00
5.00 Site Improvements		
	benches	\$6,000.00
	bike racks	\$1,200.00
	fencing	\$1,350.00
	Playground	
	play equipment infill	\$48,000.00
	engineered wood fiber mulch	\$69,800.00
	Recreation	
	skatepark	\$10,000.00



Waterbury Parks Project

06/21/23

Waterbury Hope Davey and Ice Center Area Parks

Hope Davey Park - 8 Acre Area

NO.	DESCRIPTION	Cost
	basketball hoop	\$4,500.00
	court restriping	\$800.00
	Signage	
	wayfinding and interpretive signage	\$2,250.00
	Subtotal	\$143,900.00
6.00	Architecture	
	portable toilet enclosure	\$25,600.00
	Subtotal	\$25,600.00
7.00	Utilities	
	n/a	
	Subtotal	\$0.00
8.00	Landscaping	
	re-seed	\$7,215.00
	trees - deciduous 2.5-3" cal	\$2,475.00
	Subtotal	\$9,690.00
9.00	Electrical Site Services	
	n/a	
	Subtotal	\$0.00
	Construction Costs Subtotal	\$336,830.00
10.00	Design and Engineering	\$50,500.00
12.00	Contractor Markup	\$33,700.00
13.00	Contingency	\$67,400.00



Waterbury Parks Project

06/21/23

Waterbury Hope Davey and Ice Center Area Parks

Hope Davey Park - 8 Acre Area

NO.	DESCRIPTION	Cost
	Indirect Cost Subtotal	\$151,600.00
	Total Project Costs	\$488,430.00



Waterbury Parks Project

06/21/23

Waterbury Hope Davey and Ice Center Area Parks

Hope Davey Park - 20 Acre Area

NO.	DESCRIPTION	Cost
1.00	Demolition/Deconstruction	
	Subtotal	\$0
2.00	Site Preparation and Earthwork	
	Subtotal	\$0.00
3.00	Site Drainage	
	Subtotal	\$0.00
4.00	Paving and Hardscape	
	bark mulch addition to high traffic areas	\$8,100.00
	Trails	
	natural surface trail, 3' width	\$86,750.00
	wetland and buffer crossing boardwalk, 3' width	\$9,150.00
	Subtotal	\$104,000.00
5.00	Site Improvements	
	Disc Golf Improvements	
	relocate tees	\$1,200.00
	relocate baskets	\$1,400.00
	Signage	
	wayfinding signage for disc golf	\$5,400.00
	trail wayfinding	\$320.00
	hazard signage	\$225.00
	interpretive signage	\$1,500.00
	Subtotal	\$7,445.00
6.00	Architecture	
	n/a	
	Subtotal	\$0.00



Waterbury Parks Project

06/21/23

Waterbury Hope Davey and Ice Center Area Parks

Hope Davey Park - 20 Acre Area

NO.	DESCRIPTION	Cost
7.00	Utilities	
	n/a	
	Subtotal	\$0.00
8.00	Landscaping	
	trees - evergreen 8' Ht	\$14,375.00
	riparian planting restoration	\$2,199.31
	Subtotal	\$16,574.31
9.00	Electrical Site Services	
	n/a	
	Subtotal	\$0.00
Construction Costs Subtotal		\$128,019.31
10.00	Design and Engineering	\$15,400.00
12.00	Contractor Markup	\$12,800.00
13.00	Contingency	\$19,200.00
	Indirect Cost Subtotal	\$47,400.00
Total Project Costs		\$175,419.31



Waterbury Parks Study

06/21/23

Waterbury Hope Davey and Ice Center Area Parks

Ice Center Area Park

NO.	DESCRIPTION	Cost
1.00	Demolition/Deconstruction	
	strip and stockpile 4" existing soil	\$5,967.50
	Remove existing trees and stumps	\$2,500.00
	Subtotal	\$8,468
2.00	Site Preparation and Earthwork	
	mobilization	\$10,000.00
	stabilized construction staging area	\$5,000.00
	temporary construction fencing	\$4,000.00
	earthwork and grading	\$49,500.00
	erosion prevention and sediment control	\$5,000.00
	Subtotal	\$73,500.00
3.00	Site Drainage	
	drainage	\$10,000.00
	stormwater treatment	\$25,000.00
	Subtotal	\$35,000.00
4.00	Paving and Hardscape	
	Paving	
	compacted gravel pavement - driveway and parking lot	\$162,600.00
	gravel drive resurfacing	\$11,480.00
	crushed stone paving	\$153,200.00
	natural surface trail, 3' width	\$15,600.00
	Road improvements	
	crosswalk striping	\$3,200.00
	roadway striping	\$7,500.00
	speed tables	\$12,000.00
	signage	\$825.00
	landscape boulders	\$17,500.00
	Subtotal	\$383,905.00



Waterbury Parks Study
 06/21/23

Waterbury Hope Davey and Ice Center Area Parks

Ice Center Area Park

NO.	DESCRIPTION	Cost
5.00	Site Improvements	
	public art	\$20,000.00
	Furnishings	
	picnic tables	\$7,500.00
	trash/recycling bins	\$4,000.00
	chain link fence 5' ht	\$36,000.00
	bike parking	\$4,800.00
	Playground	
	play equipment	\$96,000.00
	engineered wood fiber mulch	\$27,000.00
	fence 4' ht	\$13,650.00
	Recreation amenities	
	concrete skatepark - phase 1 (8,000' sq. ft.)	\$385,000.00
	concrete skatepark - phase 2 (additional 5,000 sq. ft.)	\$250,000.00
	asphalt pump track	\$200,000.00
	jump lines	\$45,000.00
	Wayfinding and signage	
	directional signage	\$2,000.00
	information kiosk	\$3,500.00
	parking signage (ada, etc.)	\$825.00
	trail wayfinding signage	\$105.00
	Subtotal	\$1,095,380.00
6.00	Architecture	
	pavilion	\$76,800.00
	add restroom facilities to pavilion	\$76,800.00
	Subtotal	\$153,600.00
7.00	Utilities	
	water line extension for restrooms	\$25,000.00
	ww extension for restrooms	\$35,000.00
	Subtotal	\$60,000.00



Waterbury Parks Study

06/21/23

Waterbury Hope Davey and Ice Center Area Parks

Ice Center Area Park

NO.	DESCRIPTION	Cost
8.00	Landscaping	
	sports field - topsoil and seed	\$36,000.00
	re-seed (disturbed areas)	\$13,425.00
	riparian resotration planting	\$5,864.83
	screening planting	\$20,700.00
	trees - deciduous 2.5-3" cal	\$22,275.00
	Subtotal	\$100,764.83
9.00	Electrical Site Services	
	parking lot lighting	\$24,000.00
	path and skate park lighting	\$8,000.00
	electrical extension for site lighting and pavilion	\$25,000.00
	Subtotal	\$57,000.00
	Construction Costs Subtotal	\$1,967,617.33
10.00	Design and Engineering	\$196,800.00
	Site Survey	
	Landscape Design	
	Site Engineering Design	
	Architectural Services - Pavilion	
	Stormwater Design	
	Permitting	
12.00	Contractor Markup	\$196,800.00
13.00	Contingency	\$393,500.00
	Indirect Cost Subtotal	\$787,100.00
	Total Project Costs	\$2,754,717.33

FUNDING OPPORTUNITIES

Many recreation enhancement strategies and projects require financial resources. Luckily, there are many grants and alternative funding sources that can help provide the necessary funding. In many cases, the best approach to move a project forward is to select a project with strong community support, secure grant funding, and leverage local resources and volunteers.

Below is a list of grants and funding sources available as of Jan 2022. The description of each grant below suggests the types of projects the grant funds, the required match if necessary, a range of grant amounts, the deadline, and a link for more information.

While many of these grant programs are offered year over year, they can evolve, change, or be dismantled over time. Thankfully, the Agency of Commerce and Community Development maintains an updated list of grant opportunities available on their website <https://accd.vermont.gov/>. Check the site for updates on these and other grant programs in the state.

This list includes information about:

- Federal and State Grants and Programs
- State Grants and Programs
- State Organizations Grants
- National Organizations Grants
- Non-Grant Funding Sources

Local fundraising and non-grant funding sources can be very important for matching and seed funds.

FEDERAL AND STATE GRANTS AND PROGRAMS

Land and Water Conservation Fund State and Local Assistance Program (LWCF)

The Land and Water Conservation Fund (LWCF) state assistance program provides matching grants to help local communities enhance the outdoor recreation resources on public land. LWCF funding has benefited nearly every county in America, supporting over 40,000 projects. The grants create parks and open spaces, protect wilderness and forests, and provide outdoor recreation opportunities. Eligible projects are acquisition of land for parks and public outdoor recreation or development and/or renovation of existing facilities for outdoor recreation. This 50:50 matching program is the primary federal investment tool to ensure that families have easy access to public, open spaces. In Vermont, LWCF is administered by Vermont Department of Forests, Parks & Recreation.

<https://fpr.vermont.gov/land-and-water-conservation-fund>

Surface Transportation Block Grant Program (STBG)

The State Surface Transportation Program (STP) is the main program of Federal Transportation Funds, managed by VTrans, for transportation improvements on state highways. Possible projects include recreational trails, pedestrian and biking enhancements, sidewalks, and signed routes.

<https://www.fhwa.dot.gov/specialfunding/stp/>

USDA Rural Development Loan and Grant Assistance (RD)

USDA Rural Development (RD) forges partnerships with rural communities (defined as towns and villages with less than 20,000 inhabitants), funding projects that bring housing, community facilities (including trails and active transportation facilities), business guarantees, utilities and other services to rural America. This program provides funding to develop essential community facilities in rural areas. An essential community facility is defined as a facility that provides an essential service to the local community for the orderly development of the community. Relevant to this plan, possible projects include transportation facilities, parks, and community gardens

<http://www.rd.usda.gov/programs-services/community-facilities-direct-loan-grant-program>

National Park Service Rivers, Trails, and Conservation Assistance Program (RTC)

The National Park Service Rivers, Trails, and Conservation Assistance (RTC) program supports community-led natural resource conservation and outdoor recreation projects across the nation. Their national network of conservation and recreation planning professionals can partner with community groups, nonprofits, tribes, and state and local governments to design trails and parks, conserve and improve access to rivers, protect special places, and create recreation opportunities. Current projects include trail rehabilitation, interpretive trails, connector trails, trail master plans, trails collaboratives, and rail trail connectors. No monetary grants are made.

<https://www.nps.gov/orgs/rtca/index.htm>

FHWA Recreational Trails Program (RTP)

The Recreational Trails Program (RTP) provides funds to communities for development and maintaining recreational trail projects. Grants are awarded to well-planned projects that help to develop, protect, and maintain trails and trail systems that improve connections in the community, livability, user-ability, and are maintained for public recreational use. RTP funds support a wide range of trail activities including hiking, mountain biking, walking, running, cross-country and backcountry skiing, nature-based interpretive trail use, equestrian, snowmobiling, and off-road motorized recreation. Funds can be used for the following types of projects: construction of new trails or trail connections; construction of new trailhead areas/parking facilities; construction of trailside facilities; maintenance, renovation, or restoration of trails; improvements to signage or trail structures along the trail; assessments of existing trail conditions for

accessibility and improvements; equipment; and trail-related educational projects (i.e., information about trail safety, appropriate trail use, environmental protection, etc.). The program is administered by Vermont Forest, Parks and Recreation in cooperation with VTrans.

<http://fpr.vermont.gov/recreation/grants/rtp>

Transportation Alternatives Program (TAP)

The Transportation Alternatives Program (TAP) is a grant program administered by VTrans that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, sidewalks, and bicycle infrastructure. These funds will cover a maximum of 80% of the project with the remaining portions most likely coming from the project-sponsoring organization or town.

<http://vtrans.vermont.gov/highway/local-projects/transport-alt>

Certified Local Government Program

For municipalities that are enrolled as certified local government, federal grants are available to help local governments integrate historic preservation concerns with the planning and decision-making process. Uses of the grant money can include resource identification and planning, National Register nominations, downtown planning and development of architectural drawings, streetscape assessments, public education, and building feasibility studies. Grants are for between \$500 and \$25,000 and require a full match.

<https://accd.vermont.gov/historic-preservation/funding/clg-grants>

VTrans Bicycle and Pedestrian Program (BPP)

The Vermont Bicycle and Pedestrian Program provides funds managed by VTrans for scoping, design, and construction of bike and pedestrian facilities, sidewalks, shared-use paths, and bike lanes. A local match is required but varies based on the type of project.

<http://vtrans.vermont.gov/highway/local-projects/bike-ped>

Downtown Transportation Fund

State grants for municipalities to finance transportation-related capital improvements in support of economic development, within or serving a state designated downtown. Projects can include construction or alteration of roads and highways, parking facilities, pedestrian and streetscape improvement, bike and pedestrian paths, and underground relocation of electric utility, cable, and telecommunications lines. Grants can be awarded up to \$100,000, but cannot exceed more than 50% of the overall project costs and a 50% match is required.

<https://accd.vermont.gov/community-development/funding-incentives/downtown-transportation-fund>

Vermont Community Development Program (VCDP)

The Vermont Community Development Program provides Community Development Block Grants (CDBG) to all Vermont towns and cities, aside from Burlington. The grant provides financial and technical assistance to identify and address local needs in housing, economic development, public facilities, public services, and handicapped accessibility modifications. The four types of grants are Accessibility Modification Grants (AM), Implementation Grants (IG), Planning Grants (PG), Scattered Site Grants (SS). These grants must primarily benefit persons of low and moderate incomes.

http://accd.vermont.gov/strong_communities/opportunities/funding/vcdp

STATE GRANTS AND PROGRAMS

Vermont Community and Urban Forestry Council Grants

(Caring for Canopies Grants, CCG)

These Caring for Canopies Grants (CCG) are awarded to municipalities to aid in taking the necessary actions to developing and sustaining a community-wide tree program, including tree plantings, inventories, maintenance, and planning. There are two grant categories, Caring for the Canopy and Canopy Mini. Caring for Canopy is for projects that help move a community's tree management program towards a sustained level while Canopy Mini is for smaller projects to help move a tree management program forward. The grants range in size from \$500 to \$5,000 and require a 50% match.

<https://vtcommunityforestry.org/programs-0/financial-assistance/caring-canopy-grants>

Municipal Planning Grant Program (MPG)

The Municipal Planning Grants (MPG) are Vermont state grants for a wide range of municipal planning projects including land use plans, zoning and subdivision bylaws, trail networks and walking and biking improvements, resiliency planning, economic plans, and village and neighborhood planning. The range of the grants is from \$2,500 to \$20,000 with a required 10% match.

<http://accd.vermont.gov/community-development/funding-incentives/municipal-planning-grant>

Recreational Facilities Grants Program (RFG)

The Recreational Facilities Grants (RFG) program provides matching state grants for capital costs associated with the development and creation of community recreational opportunities. This program provides last gap funding for shovel ready projects and does not support any ongoing fundraising initiatives. The program requires a 100%

match and awards are capped at \$25,000.

<https://bgs.vermont.gov/commissioner/building-communities-grants>

Building Communities Grants Program: Regional Economic Development Grant

The Regional Economic Development Grant Program provides grants to municipalities and non-profits for capital costs associated with major maintenance, renovation, or planning related to the development of facilities reasonably expected to create or retain job opportunities in Vermont communities. The program provides last gap funding for shovel-ready projects and does not support ongoing fundraising initiatives. Priority consideration is given to applicants demonstrating they have strong community support. The maximum grant is \$25,000 with a full match required.

Cultural Facilities Grant Program

Matching state grants for community facilities that are used to provide cultural activities to the public and to enhance or expand the capacity of an existing building to provide cultural programming. Grants are for between \$1,000 and \$30,000 and require a full match, with at least 50% of that in cash. Previous awarded projects include renovations to local museums and town halls.

<https://www.vermontartscouncil.org/grants-and-services/organizations/cultural-facilities>

VEDA Commercial Loan Programs

Vermont Economic Development Authority (VEDA) offer low-interest loan programs to fill the financing gap for a commercial start-up or expansion project. These loans are available to for profit and non-profit companies to finance downtown revitalization projects. Eligible projects include redevelopment of vacant or significantly under-utilized buildings or lots in downtowns or villages that spur employment and economic vitality.

<http://www.veda.org/financing-options/>

ANR Ecosystem Restoration Grant Program (ERG)

The ANR Ecosystem Restoration Grant (ERG) program gives grants for design and construction projects that target nonpoint sources of pollution that cause or contribute to the state's surface waters.

<http://dec.vermont.gov/watershed/cwi/grants#Ecosystem%20Restoration>

VOREC Community Grant Program

The Vermont Outdoor Recreation Collaborative (VOREC) launched a community grant program for outdoor recreation in Vermont municipalities. The grant is designed to help communities leverage their local outdoor recreation assets and applying communities

must have completed some prior planning or mapping of outdoor recreation assets, have identified outdoor recreation as a component of their local economy through previous plans, and have a dedicated staff and/or volunteers to ensure long-term success of the project. The funds can be used for consultants, small scale outdoor recreation infrastructure improvements, materials or equipment to support outdoor recreation programs, marketing relating expenses, community based outdoor recreation planning, and securing public access through acquisition of land, easements, or rights-of-way. Communities are also responsible for making products and deliverables that could be adapted and reproduced by other communities in the state. The program is administered by FPR in partnership with Agency for Commerce and Community Development (ACCD).

https://fpr.vermont.gov/VOREC_Community_Grant

STATE ORGANIZATIONS GRANTS

Vermont Community Foundation – General Grants (VCF)

A variety of grants are available to support projects to improve environmental sustainability, cultural heritage, social justice, historic preservation, and vitality of Vermont communities. The different types of grants offered include: Place-Based Grants, Arts Endowment Fund, Special and Urgent Needs, and Nonprofit Capacity Building. Each place-based grant is only available to a specific region of the state. For information about which grants are available for your community, please see the website below.

<http://www.vermontcf.org/Nonprofits/AvailableGrants.aspx>

Vermont Community Foundation – Nonprofit Capacity Building (NPCB)

The Nonprofit Capacity Building program is small grants to support the cost of consultants to facilitate discussions related to strategic planning, financial sustainability funding, or facilitating a merger. These grants are meant to supplement other funding. This grant is available to both nonprofits and municipalities.

<https://www.vermontcf.org/NonprofitsGrants/AvailableGrants/NonprofitCapacityBuilding.aspx>

Vermont Housing and Conservation Board Local Conservation Projects (VHCB)

The Vermont Housing and Conservation Board (VHCB) provides funding to conserve natural areas, recreation lands, and historic properties. For public outdoor recreation projects, VHCB provides loans to enable the project to leverage other funds or grants in cases where local efforts to obtain sources of funding have been exhausted. The available funds vary based on whether the parcel has statewide significance. For conserving locally-significant land, other sources must provide one-third of the project funding. VHCB also provides funding for feasibility analysis, project-specific capacity (i.e., engineering work, historic preservation analysis, and hazardous materials analysis).

<https://vhcb.org/our-programs/conservation/apply-for-funding>

Lintilhac Foundation (LF)

The Lintilhac Foundation’s (LF) central purpose is to support organizations that are making sustainable, positive change for Vermont’s environment and its people. Grants are available in three core giving areas, water quality, energy, and conservation. The conservation giving is primarily to backcountry recreational access to lands and integrative land use planning.

<http://www.lintilhacfoundation.org/application-guidelines/>

Vermont Arts Council Animating Infrastructure Grant (AIG)

The Animating Infrastructure Grant (AIG) funds projects that integrate public art into existing or proposed infrastructure improvements, which could include buildings, recreational paths, parks, bridges, small-scale renewable energy projects, and water treatment facilities.

<http://www.vermontartscouncil.org/grants-and-services/organizations/animating-infrastructure>

Ben & Jerry’s Foundation (BJF)

The Ben & Jerry’s Foundation (BJF) funds multiple grants programs to help communities in Vermont. The Vermont Economic Justice Program gives grants to non-profits working to address the economic, social, and environmental impacts of poverty. The Vermont Community Action Team Grant is a small grant awarded to non-profits, schools, and municipalities. The Community Action Teams provide general or project support, and fund the following types of community programs: social services organizations, cultural, recreational, arts programs, and community celebrations.

<https://benandjerrysfoundation.org/vermont-grant-programs.html>

NATIONAL ORGANIZATIONS GRANTS

PeopleforBikes Community Fund (PBCG)

The PeopleforBikes Community Grant Program (PBCG) provides funding for important and influential projects that build momentum for bicycling in communities across the U.S. These projects include bike paths and rail trails, as well as mountain bike trails, bike parks, and large-scale bicycle advocacy initiatives. PeopleforBikes will fund engineering and design work, construction costs, and reasonable volunteer support costs. The maximum grant award is \$10,000 and the grant cannot make up more than 50% of the total project budget.

<http://www.peopleforbikes.org/pages/community-grants>

Robert Wood Johnson Foundation Grants (RWJF)

The Robert Wood Johnson Foundation (RWJF) provides grant funds to improve the health and health care of all Americans. RWJF awards grants for projects creating healthier communities. This funding has gone towards walking and bicycling facilities and upgrading underutilized green space.

<https://www.rwjf.org/en/how-we-work/grants-and-grant-programs.html>

Trails Connecting People with Nature (TCPN)

Trails Connecting People with Nature (TCPN) is a Sierra Club initiative that works to ensure that access to the outdoors is increasingly equitable and available to all communities. The Sierra Club Foundation awards one-year trail grants ranging from \$5,000 to \$20,000 towards trail creation or maintenance projects that engage new leaders and provide opportunities for communities to connect with nature.

<https://content.sierraclub.org/ourwildamerica/nearby-nature>

NON-GRANT FUNDING SOURCES

Development Impact Fees

A Development Impact Fee is an assessment on development used to pay for its proportionate share of the impacts to public facilities. Some communities assign a standard dollar figure to the public sites, some use a park, pedestrian improvements, trails and open space development impact fee, while others allow for the dedication of parkland, or fee-in-lieu, in place of the impact fee. A full spectrum of leisure services which contain costs for recreation centers, trails and open space, in addition to parks, has been included in some communities' development impact fees. Some of these development impact fees could contribute to a fund to support enhanced community and pedestrian accommodations.

Bond Issues

Bonds issued by the town may provide important opportunities to leverage other funds, such as required match amounts for federal or state grant programs, and regional bonds may be needed for larger scale projects.

State Infrastructure Bank Loans

A state low interest loan program for the construction or reconstruction of highways, roads and bridges, and pedestrian facilities. Loans may also be available for certain capital facilities such as public transit or electric vehicle charging stations. There is no minimum or maximum but the loan term may not exceed 30 years and requires borrower equity of 10-20%. For municipal borrowers, it is a 1% fixed loan. The program is operated by the Vermont Economic Development Authority in conjunction with VTrans and Federal Highway Administration. There is no deadline, as it is an ongoing program.

<https://www.veda.org/financing-options/other-financing-option/state-infrastructure->

bank-program/

Tax Credits

State and federal tax credits are available for rehabilitation of historic buildings. From the state of Vermont, tax credit is available for qualified historic rehabilitation, façade, code and technology upgrades for properties constructed before 1983 located within a state designated downtown or village center. The credit can be between 10 and 50% of eligible expenditures.

Federal tax credit is available for 20% of the rehabilitation costs (including labor, materials, and architects and other consultant fees) for income-producing buildings listed in the National Register of Historic Places.

Local Funds

Local funds are sources of funding that are provided by local governments through local budgets or funds other than bonds. Capital Improvement Plans can be leveraged to help advance specific initiatives. Aligning the long-term capital program with initiatives outlined in this master plan should be a priority, particularly for the key initiatives that have been identified.

Private Donors and Fundraising

Funds can be provided by private donors or through special fundraising efforts which can supplement or substitute for local funds. In many communities, the design of specific improvements is often crafted to encourage private donations; donor benches, bricks, trees. The use of private funding is often less constrained and restricted and opens up new or expansive opportunities for creativity in design outcome. Fundraising efforts can be very time consuming and require reaching out broadly to the community, business interests, and others.

The use of crowdsourcing sites such as Kickstarter can make the process of seeking input or funding easier in many ways. The web-based platforms allow communities to broadcast ideas widely, often attracting the interests of people who may never have visited otherwise. Keys to this process include making a compelling case about the reasons for the project, offering up some definitive value to the donor (i.e., a memorial brick, commemorative map, etc.) and communicating how this project supports the broader vision for the area. This last point is important as it is often appropriate to take big ideas and break them down in crowdfunding—smaller projects can be done more quickly and link together to provide bigger outcomes.

Waterbury Hope Davey and Ice Center Area Parks Master Plan Appendix



DRAFT

A

Concept
Alternatives



DRAFT

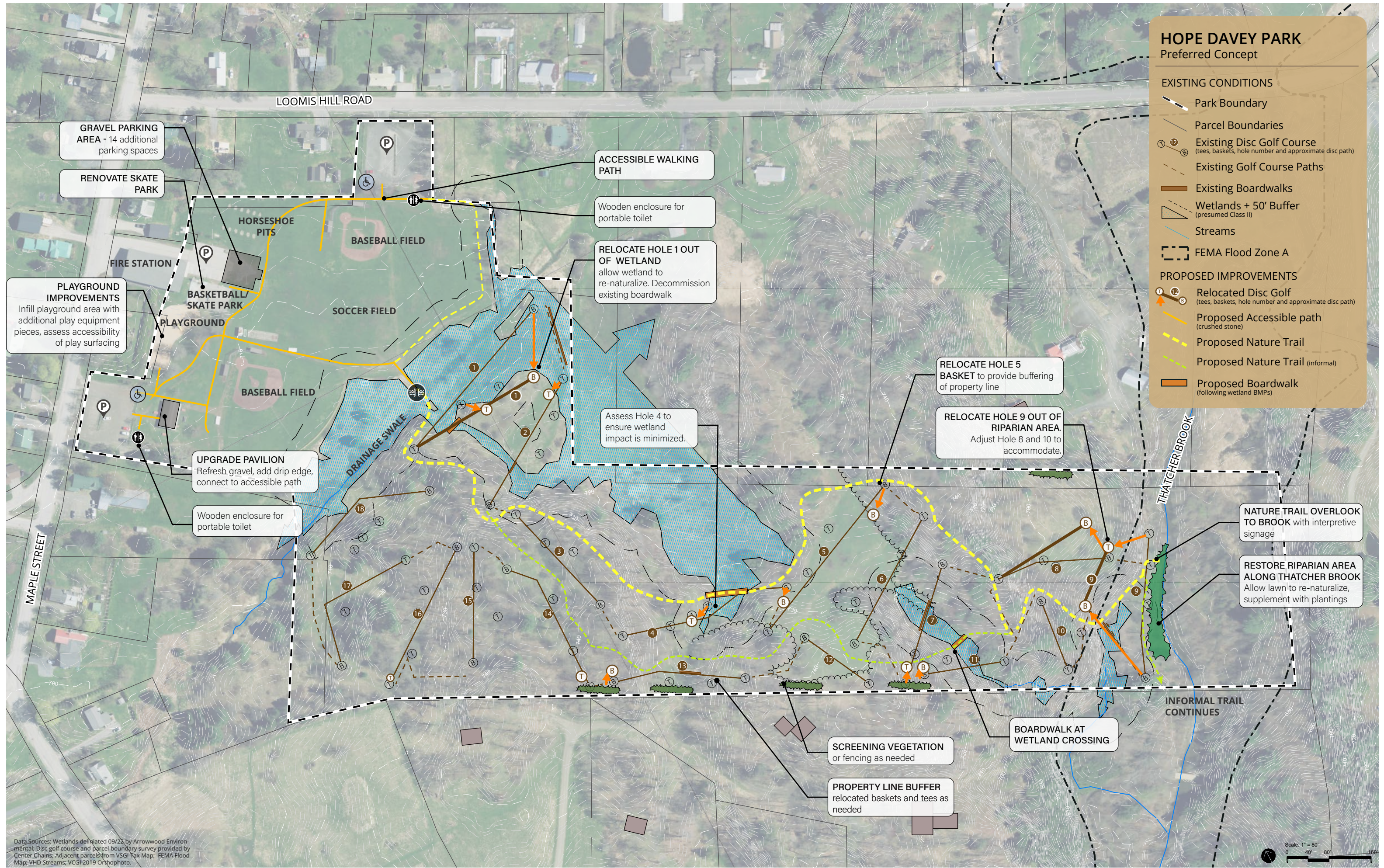
HOPE DAVEY PARK Preferred Concept

EXISTING CONDITIONS

- Park Boundary
- Parcel Boundaries
- Existing Disc Golf Course (tees, baskets, hole number and approximate disc path)
- Existing Golf Course Paths
- Existing Boardwalks
- Wetlands + 50' Buffer (presumed Class II)
- Streams
- FEMA Flood Zone A

PROPOSED IMPROVEMENTS

- Relocated Disc Golf (tees, baskets, hole number and approximate disc path)
- Proposed Accessible path (crushed stone)
- Proposed Nature Trail
- Proposed Nature Trail (informal)
- Proposed Boardwalk (following wetland BMPs)



GRAVEL PARKING AREA - 14 additional parking spaces

RENOVATE SKATE PARK

PLAYGROUND IMPROVEMENTS
Infill playground area with additional play equipment pieces, assess accessibility of play surfacing

UPGRADE PAVILION
Refresh gravel, add drip edge, connect to accessible path

Wooden enclosure for portable toilet

ACCESSIBLE WALKING PATH

Wooden enclosure for portable toilet

RELOCATE HOLE 1 OUT OF WETLAND
allow wetland to re-naturalize. Decommission existing boardwalk

Assess Hole 4 to ensure wetland impact is minimized.

RELOCATE HOLE 5 BASKET to provide buffering of property line

RELOCATE HOLE 9 OUT OF RIPARIAN AREA.
Adjust Hole 8 and 10 to accommodate.

NATURE TRAIL OVERLOOK TO BROOK with interpretive signage

RESTORE RIPARIAN AREA ALONG THATCHER BROOK
Allow lawn to re-naturalize, supplement with plantings

SCREENING VEGETATION or fencing as needed

PROPERTY LINE BUFFER relocated baskets and tees as needed

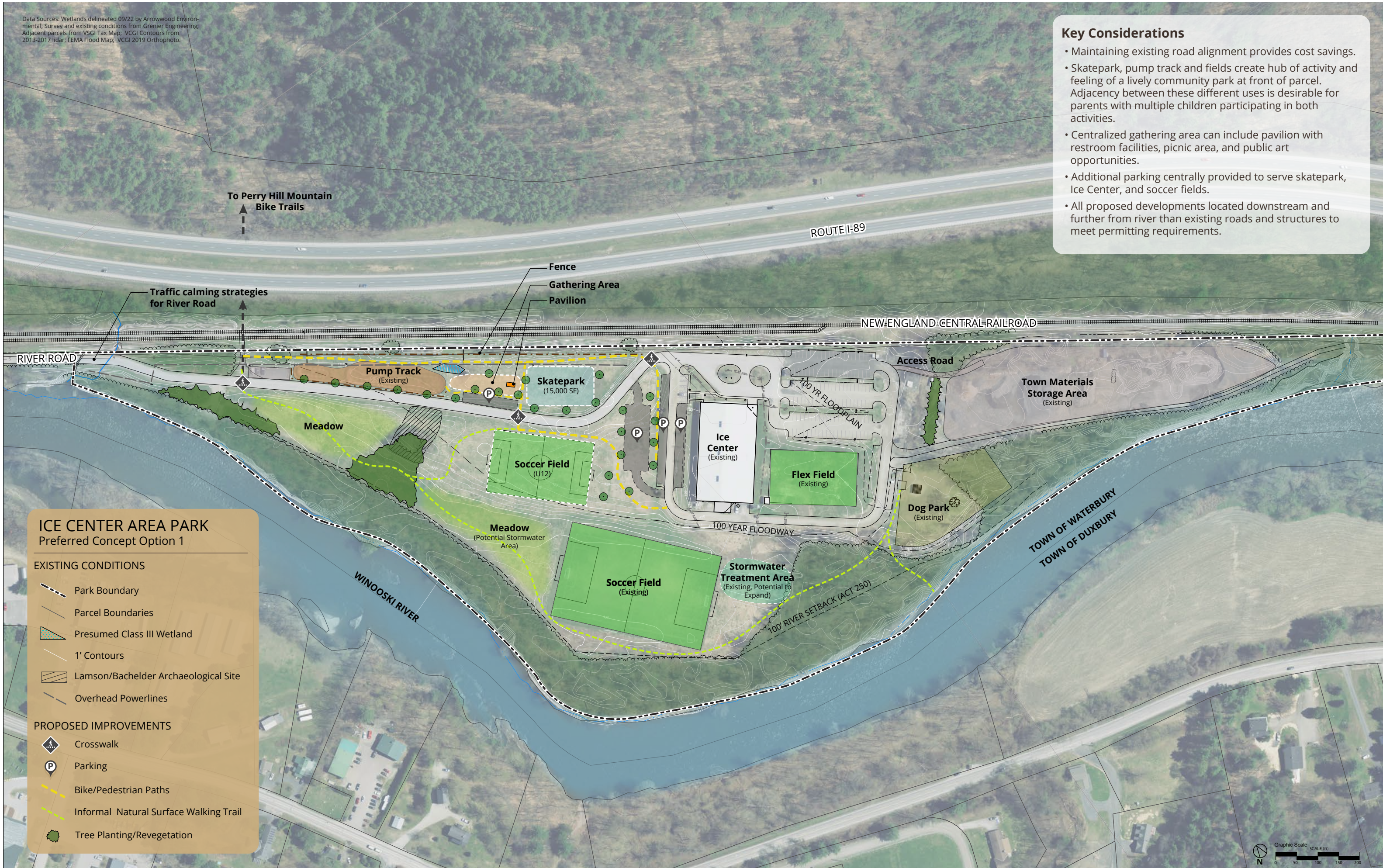
BOARDWALK AT WETLAND CROSSING

INFORMAL TRAIL CONTINUES

Data Sources: Wetlands delineated 09/22 by Arrowwood Environmental; Disc golf course and parcel boundary survey provided by Center Chains; Adjacent parcels from VSGI Tax Map; FEMA Flood Map; VHD Streams; VCGI 2019 Orthophoto.

Key Considerations

- Maintaining existing road alignment provides cost savings.
- Skatepark, pump track and fields create hub of activity and feeling of a lively community park at front of parcel. Adjacency between these different uses is desirable for parents with multiple children participating in both activities.
- Centralized gathering area can include pavilion with restroom facilities, picnic area, and public art opportunities.
- Additional parking centrally provided to serve skatepark, Ice Center, and soccer fields.
- All proposed developments located downstream and further from river than existing roads and structures to meet permitting requirements.



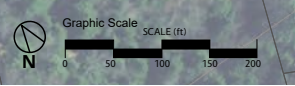
ICE CENTER AREA PARK Preferred Concept Option 1

EXISTING CONDITIONS

- Park Boundary
- Parcel Boundaries
- ▨ Presumed Class III Wetland
- 1' Contours
- ▨ Lamson/Bachelder Archaeological Site
- Overhead Powerlines

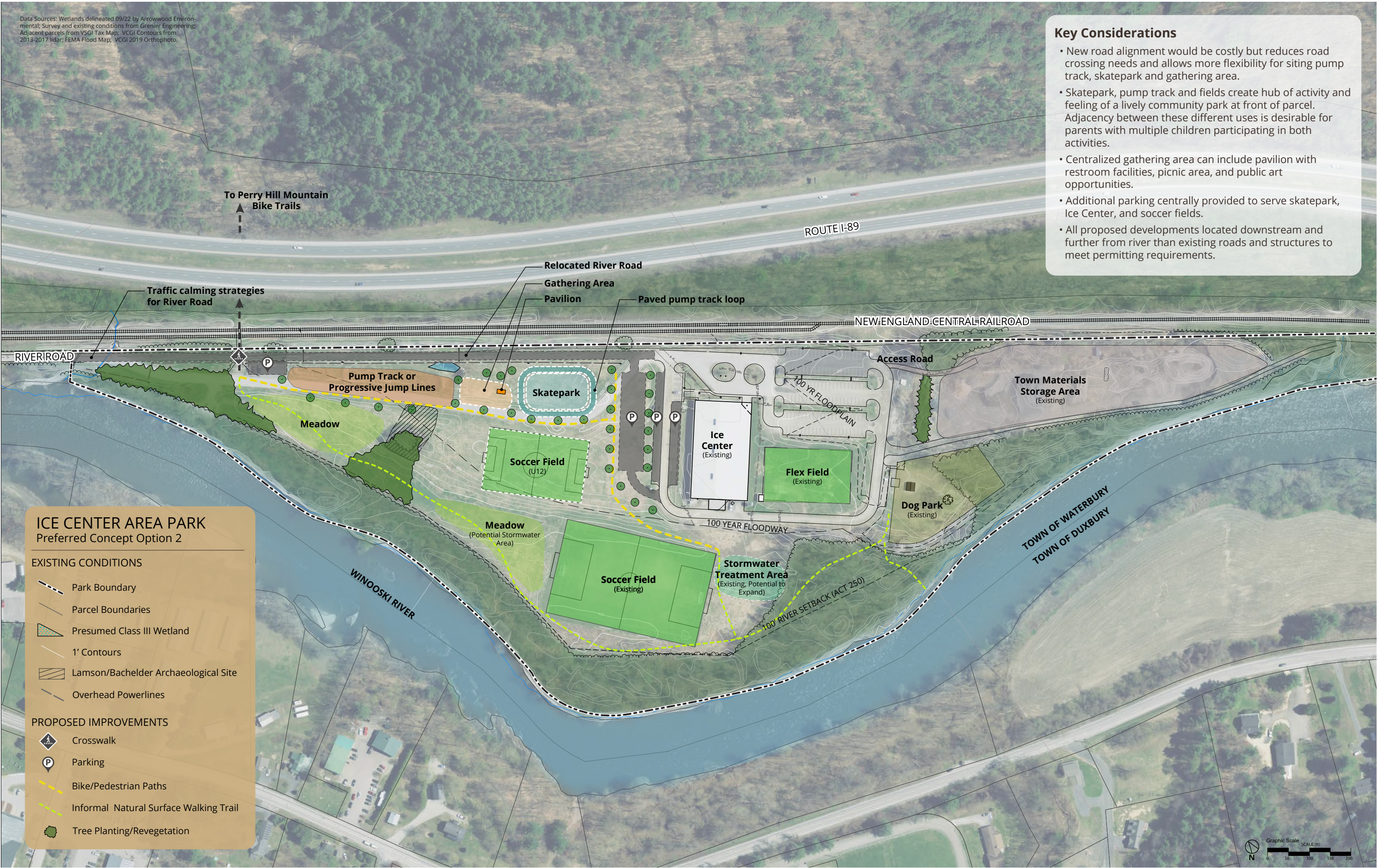
PROPOSED IMPROVEMENTS

- ◆ Crosswalk
- Ⓟ Parking
- Bike/Pedestrian Paths
- Informal Natural Surface Walking Trail
- Tree Planting/Revegetation



Key Considerations

- New road alignment would be costly but reduces road crossing needs and allows more flexibility for siting pump track, skatepark and gathering area.
- Skatepark, pump track and fields create hub of activity and feeling of a lively community park at front of parcel. Adjacency between these different uses is desirable for parents with multiple children participating in both activities.
- Centralized gathering area can include pavilion with restroom facilities, picnic area, and public art opportunities.
- Additional parking centrally provided to serve skatepark, Ice Center, and soccer fields.
- All proposed developments located downstream and further from river than existing roads and structures to meet permitting requirements.



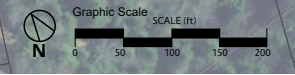
ICE CENTER AREA PARK Preferred Concept Option 2

EXISTING CONDITIONS

- Park Boundary
- Parcel Boundaries
- ▨ Presumed Class III Wetland
- 1' Contours
- ▨ Lamson/Bachelor Archaeological Site
- Overhead Powerlines

PROPOSED IMPROVEMENTS

- ◆ Crosswalk
- Ⓟ Parking
- Bike/Pedestrian Paths
- Informal Natural Surface Walking Trail
- Tree Planting/Revegetation



B

Public Visioning Report



DRAFT

Waterbury Parks Study

Community Visioning Engagement Results

OPEN HOUSE AND SURVEY SUMMARY

The Open House and Survey are integral parts of the overall public engagement process for the Waterbury Parks Study for Hope Davey Park and the Ice Center Area. This document presents the results of both public engagement methods to inform the management plan.

The survey asked the same questions as the open house, to expand participation beyond those who were able to attend the Open House. Both public engagement methods were primarily focused on understanding the community vision related to the two municipal parks, the management balance of the current uses, the natural resources present on the site, and future activities in the parks. The open house results are presented in the photos of the public engagement “boards” completed by the community while the survey results are presented in tables of the combined survey responses. Key findings are reflective of both inputs, and areas of alignment and divergence are highlighted and analyzed.

As the open house and survey are only one part of the overall community input into the plan, these results should be considered descriptive of community sentiments rather than prescriptive. While these results should help point the way and direct the development of the plan, they must be measured alongside other community and Town inputs and should not be considered conclusive of the sentiments of everyone in the community.

OPEN HOUSE

An Open House for the Waterbury Parks Study was held at the Sterling Community Room in Waterbury on September 15, 2022. The meeting was a drop-in anytime, open house format with questions about an overall vision for the two parks. Attendees wrote responses on boards, completed dot exercises, and noted their ideas and knowledge on maps. Members of the project team were available for one-on-one chats with attendees, and a general comment box was provided for open-ended feedback. Background/baseline information about the project and the parks was also provided. 31 people signed in and an estimated 50 people were in attendance.

SURVEY

An online survey was launched in conjunction with the Open House on September 13, 2022 and remained open through September 30, 2022. The community was made aware of the survey through a variety of methods including flyers distributed around town, press-releases and news articles, and email blasts and social media posts. In total, the survey received 274 complete and 177 partial responses.

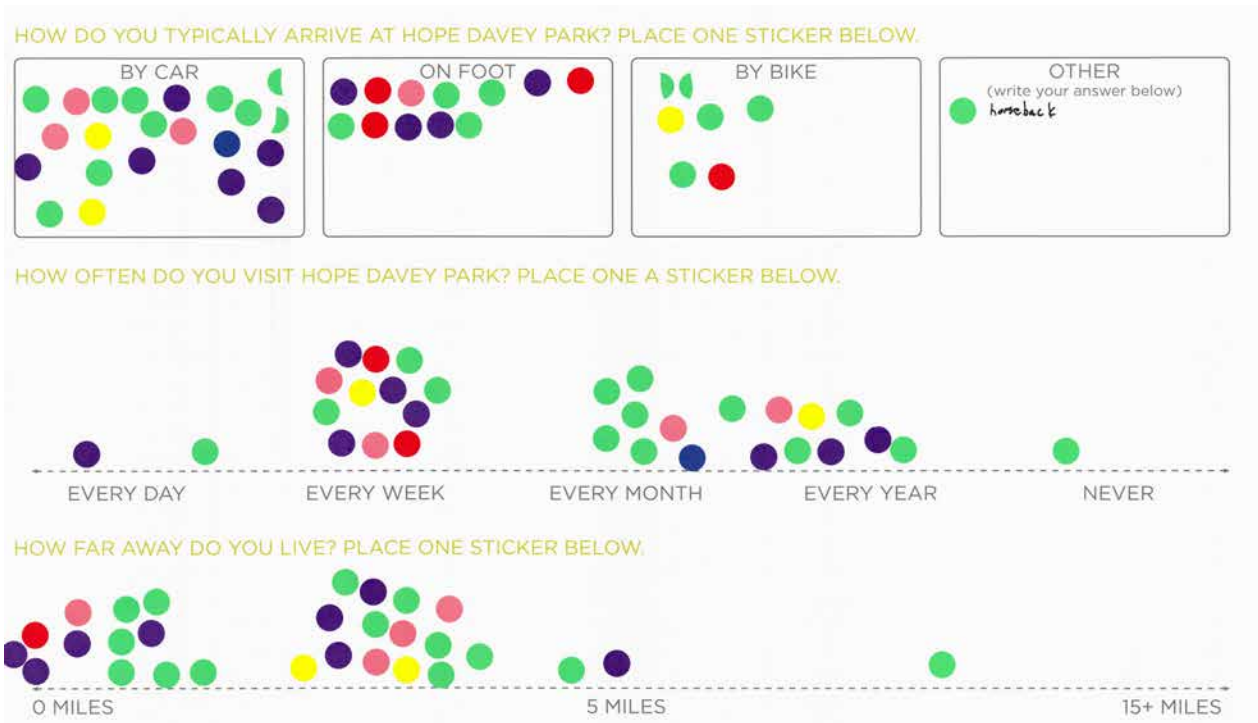
OPEN HOUSE AND SURVEY RESULTS: HOPE DAVEY PARK

Survey respondents and open house attendees were asked about each park separately. Below are responses to questions about Hope Davey Park.

ACCESS AND USE

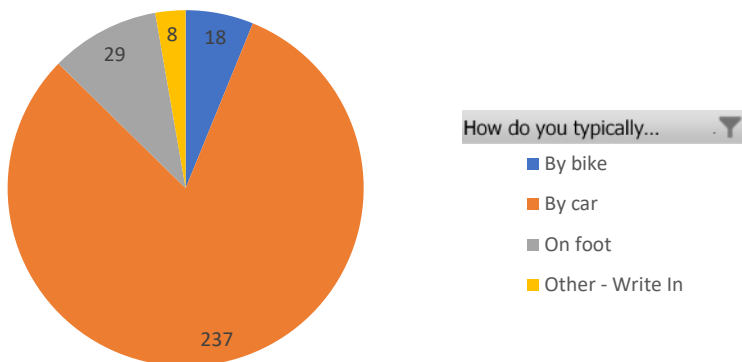
Participants were asked how they arrive at the park, how often they visit, and how far away they live.

Open House

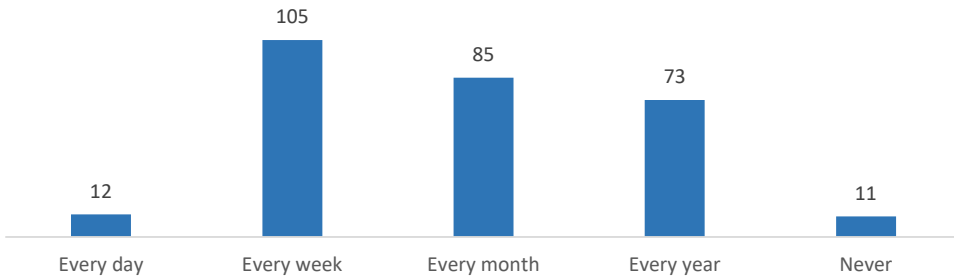


Survey Results

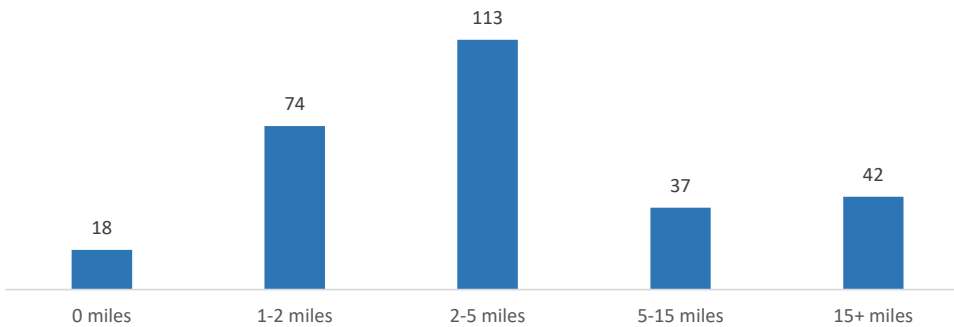
How do you typically arrive at Hope Davey Park?



How often do you visit Hope Davey Park?



How far away do you live?

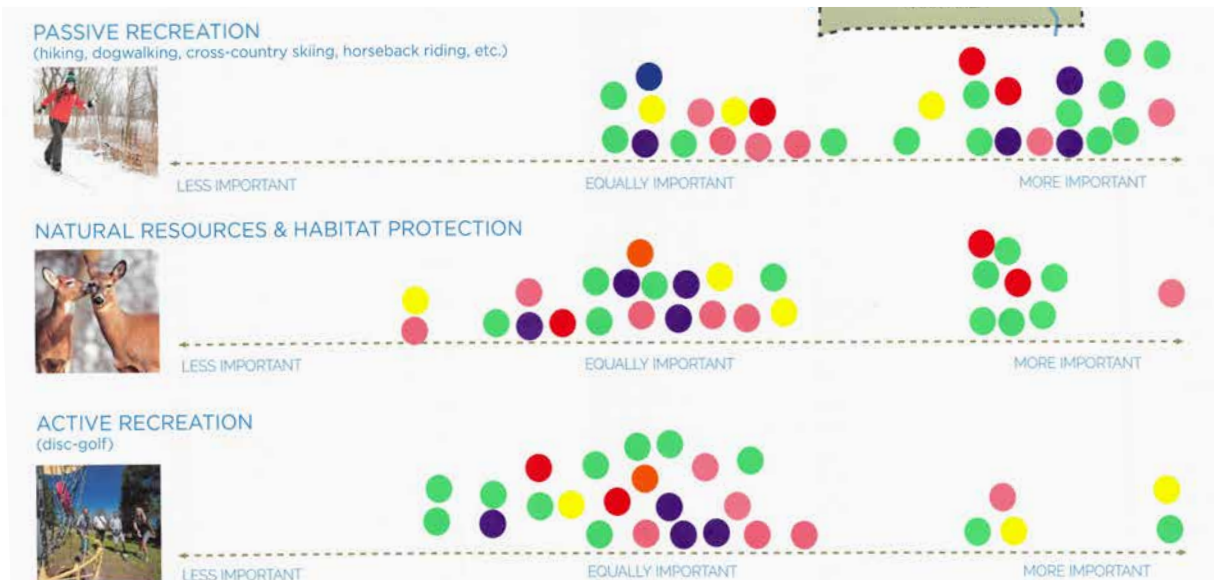


Survey and Open House participants primarily arrived by car, with a number also arriving on foot. Several respondents arrived by horseback. Most Open House attendees lived close to the park, most less than 5 miles. Survey respondents mostly lived 1-5 miles from the park. Many respondents visited the park every week.

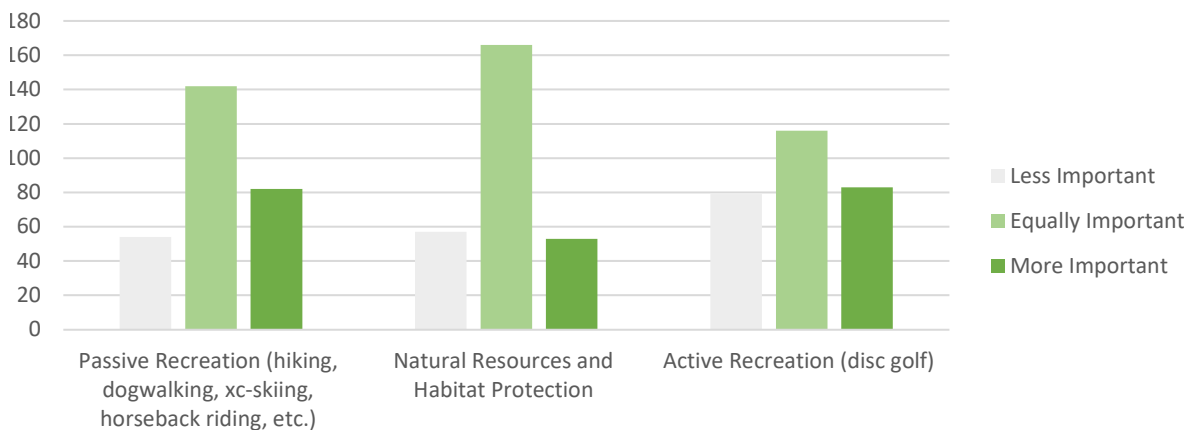
MANAGEMENT BALANCE

The 8-acres on the western portion of Hope Davey Park are dedicated to active recreation with a traditional community park. The 20-acre easterly portion is an old farm and sugar maple forest. While most publicly accessible natural areas provide some measure of all three focus areas listed below, they tend to “lean” in one management direction or another. To understand this balance, survey respondents and open house attendees were asked “What should be the management focus for Hope Davey? Should it lean towards Passive Recreation, Natural Resources & Habitat Protection, or Active Recreation?”

Open House



Survey Results



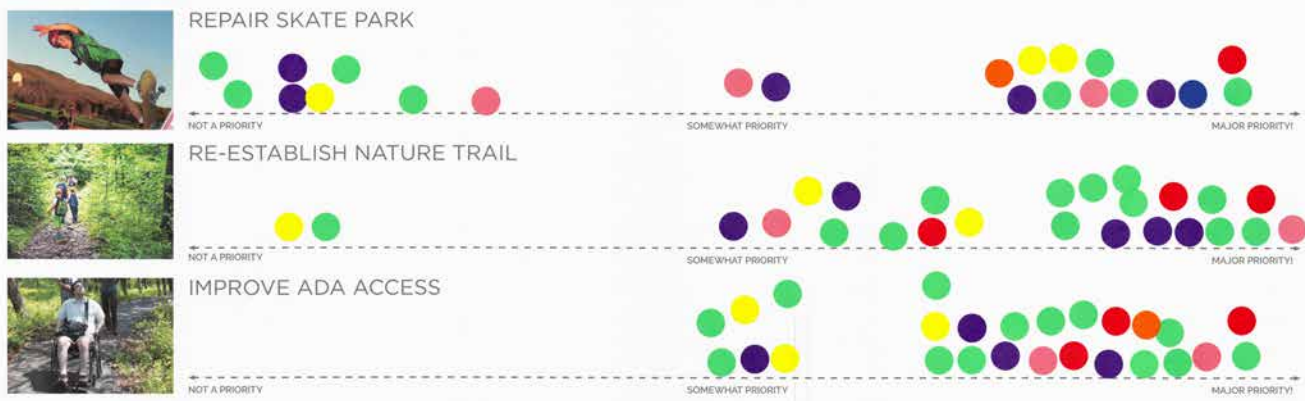
Open House attendees prioritized passive recreation. Both groups felt natural resources and habitat should also be equally important and balanced with other uses. Active recreation (golf course) had a more even distribution of importance according to survey respondents.

DESIRED PARK IMPROVEMENTS

Participants were asked to prioritize potential improvements to Hope Davey Park.

Open House

What park improvements are most desired for Hope Davey Park?

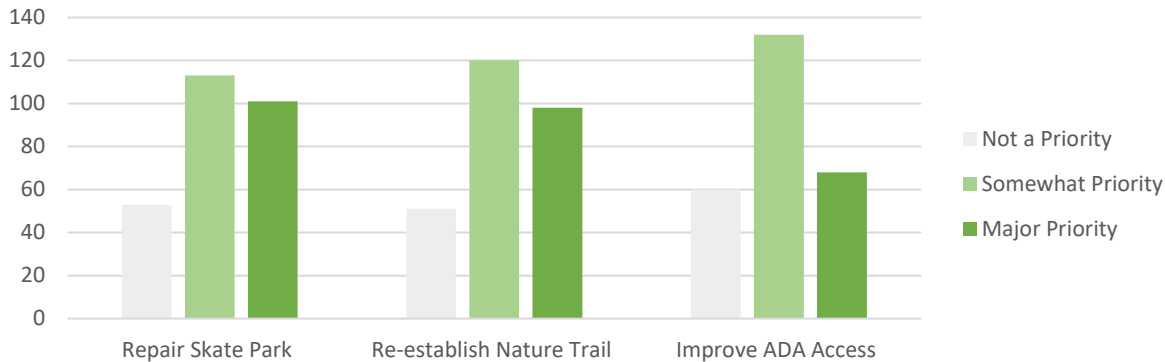


Other desired improvements

- Periodic maintenance of disc golf course
- Regular maintenance of DG course (mowing, flyway maintenance, debris removal)
- Separate skatepark +playground or make a bigger playground
- Enlarge playground. NO HANDICAP PARKING OR PATHS TO PAVILION AND FIELDS
- More playground elements for ALL ages! There is so much room there for more! Kind of like the old one!
- Restore & better mark walking trail
- Think through maximizing use and utilization of existing facilities. If the softball field at HD is getting infrequent use, then divert use to other softball/soccer fields and expand use of more intensive activities such as disc golf or nature trails. Do not limit the question of town capacity to HD or Ice Rink. Capacity and utilization should include all publically accessible town resources, including Dac Rowe

- Update/Add info kiosk as gateway to natural area w/ benches and new map with trail for walkers/horses & disc gold, recognize natural areas for protection of species like salamanders & turtles/vernal pools
- Boardwalks for disc golf that are wider and built to a better standard
- 9 holes instead of 18 holes of disc golf would be a better fit for the trail.

Survey Results



Other desired improvements:

- Add Volleyball Courts!
- Add a Pickleball court
- Add ice rink!
- Add volleyball courts
- Adding Benches back on disc golf course that new neighbors removed
- Appropriate buffer distance from park infrastructure to bordering private property
- Appropriate safety / borders from disc golf (ie, low chance of getting hit by disc)
- Bathroom facilities
- Benches on disc golf course
- Bike path
- Build a safe place for people to go skateboard
- Build a safe skatepark
- Children's learning placards/ nature education
- Community operated terrain park for winter
- Connect park to Waterbury Center Green
- Conserve Natural Area
- Convince the disc golf hating neighbor to move away.
- Create a new trail for hiking, xcskiing and leashed dog walking that safely avoids and preserves the disc golf course.
- Create a paved bike path
- Develop Planning and signage to accomodate multi-use access
- Develop more play structures, climbing walls, etc
- Develop recreation paths: Loop path and Hope Davey to Dac Rowe Community Path Cconnector
- Disc Gold infrastructure
- Disc Golf Course Management
- Disc Golf Course Protection
- Disc Golf Maintenance
- Disc golf
- Disc golf management
- Dog park area off leash
- Enhance Disc Golf Course
- Expand disc golf course to allow neighbors more space
- Family and Senior access, quiet enjoyment
- Family/young children nature play area expansion, and establish nature circle, storybook path, and access to river
- Fitness loop with signage
- Full sized, well lit basketball court with nice hoops like the pool court.
- Garbage cans on the disc golf course.
- Get rid of disc golf - taking over the park and intimidating
- Giant metal slide
- HANDICAP PLAYGROUND
- Horseback riding
- Improve Center Chains
- Improve and maintain disc golf course
- Improve dog park
- Improve parking

- Improve pavilion. Unkept, needs concrete floor.
- Improve the basketball hoop that doesn't have a net, please. It would be nice if it was adjustable by the public so little kids could shoot on it. Or just have another small hoop available
- Improved amenities (wastewater/drinking water)
- Improving the main paths/walk ways that follow the disc golf set up.
- Improving, increasing parking
- Invest in XC ski trails
- Keep Basketball courts
- Keep the golf course!!!
- Keeping the disc golf open
- Kid-friendly mountain bike trails
- Larger playground/playspace area for kids with more climbing options
- Learning center/ sign to connect people with nature
- Maintain Disc Golf Course
- Maintain disc golf
- Maintain the Disc Golf Course
- Maintain the disc golf course
- Maintaining disc golf
- Maintaining the playground and fields
- Maintenance of Disc Golf Course
- Making a ski trail that goes from the disc golf course to the vast trail
- Management that protects the natural resources
- More frequent mowing
- More mowing of disc golf course
- More parking
- Mountain bike dirt jumps
- Nordic trails in winter
- Parkiing
- Parking
- Plant wild pollinator plants, protect pollinator meadows, wetlands, river habitat
- Playground Expansion
- Pollinator areas without mowing
- Prevent more houses to ruin accessibility to nature on disc golf course at Hope Davey
- Protect & maintain the disc golf course
- Protect pollinator meadows, wetlands, river habitat
- Protecting and preserving the disc golf course
- Provide benches on the disc golf course
- Public Art, Quiet Nature Viewing with Benches, Family/young children nature play area expansion, nature circle, storybook path,and access to river
- RIVER ACCESS
- Reduce the dominance of the disc golf users over the park
- Remove skate park - it is a hazard to kids
- Repair or if not possible then get rid of the skate park
- Repair/replace BBQ pit
- Restructure disc golf course - 8 hole max
- Resume mowing the disc golf course well (pre-2021 standards)
- Snack Shack
- Specific area for dogs to run free
- Take down existing skate park (unsafe) rebuild else where
- Turn a field into a Rugby Pitch
- Volleyball court
- Volleyball courts
- Would love to see a Story walk on the nature trail, along with some signage to use for an educational purpose.
- Xc skiing
- add volleyball facilities
- better mowing of disc golf course
- eliminate disc golf course
- expand and rebuild disc golf tee pads
- keep traditional natural area activities highest priority
- playground and pavilion not accessible
- update signs for each hole on the disc golf course to show maps of feet to basket, etc.
- walking trails
- xc groomed trails

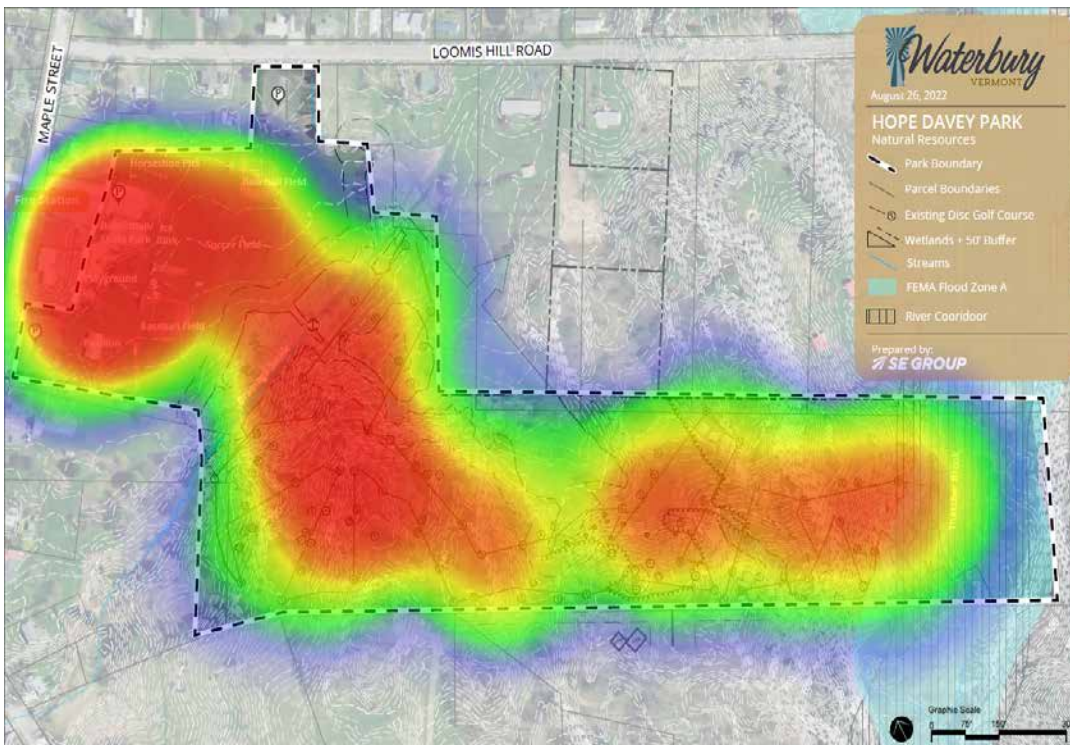
Additional improvements desired include improvements to disc golf course and management of the disc golf course to “reduce dominance”. Other common desired improvements were to expand the playground, improve ADA access, improve the skate park and basketball court, add volleyball facilities, update the pavilion, construct/improve the nature trail including accommodating xc-skiing and adding signage, among others.

Areas of the park that should be restricted from recreational use:

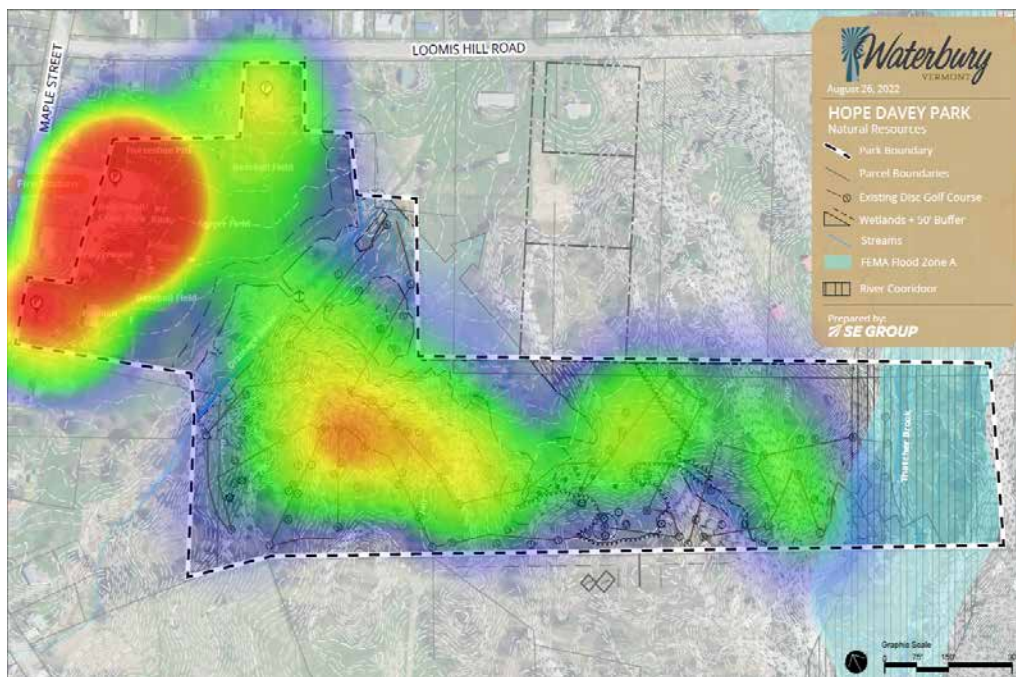
- No, its a park!
- No!!!
- Would be awesome to have education signage making people aware of sensitive areas
- Across the river, except to provide path to connect to Community path
- Keep people on trails
- !!Buffer zone to neighboring parcels!!
Wetlands.

- No its open to all for all to enjoy! - Agreed
- No, but sounds like some need to be more respectful of neighbors
- No but better marked trails
- Vernal pools are near trails but should be naturally protected
- River/Thatcher Brook bank needs riparian buffer.

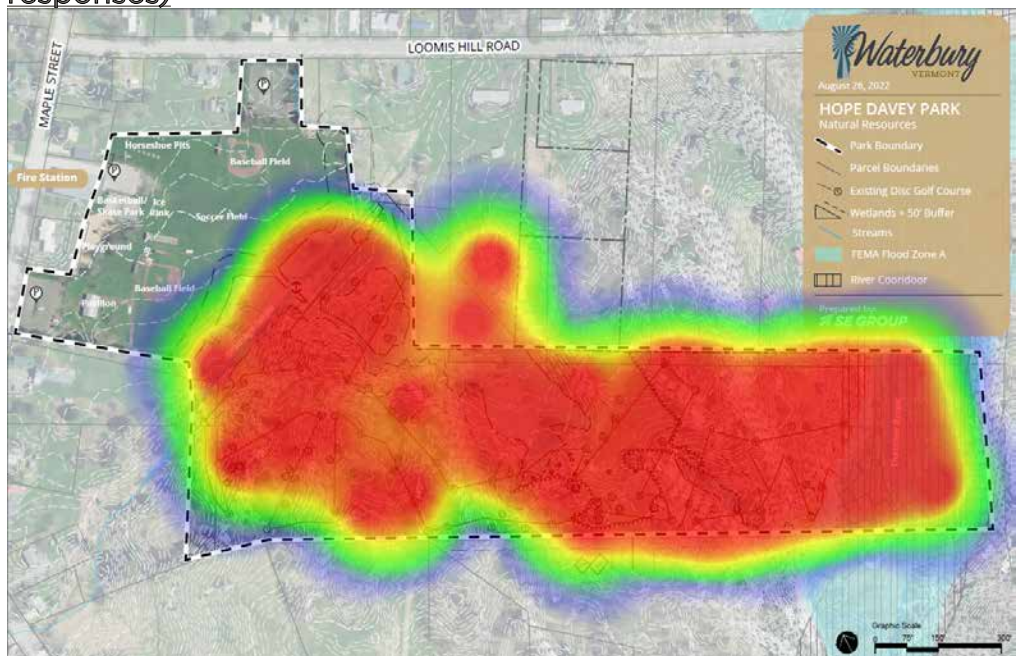
Survey Results - Favorite Areas (137 Responses)



Survey Results - Areas in need of improvement (68 responses)



Survey Results - Areas of the park that should be restricted from recreational use (49 responses)



Favorite places included the disc golf course, playground, sports fields, natural area and trails, riverbank, pavilion, basketball court, and appreciation for the many resources for all provided in the park. Areas in need of improvement included ADA access, nature trail independent of the disc gold course, skatepark improvements, and insufficient parking.

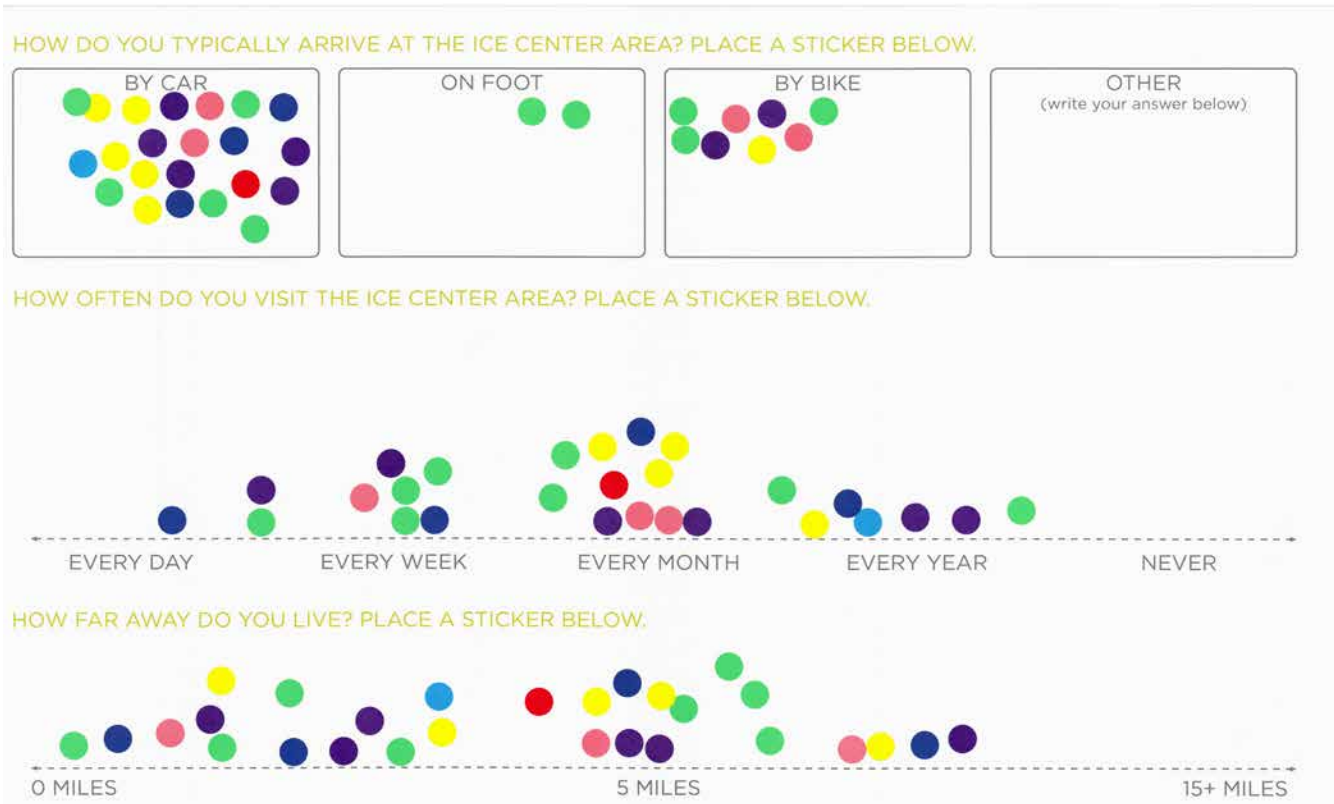
Survey respondents identified areas to be off limits including that disc golf was not suited to the site overall, and protected areas included wet areas and wetlands, ledges, erosion, tree roots, floodplain area. Open house respondents commented the area should not be off limits as a public park, that people should stay on trails, and a buffer zone at the property line, vernal pool and riparian corridor should be observed.

OPEN HOUSE AND SURVEY RESULTS: ICE CENTER AREA PARK

Survey respondents and open house attendees were asked about each park separately. Below are responses to questions about the Ice Center Area.

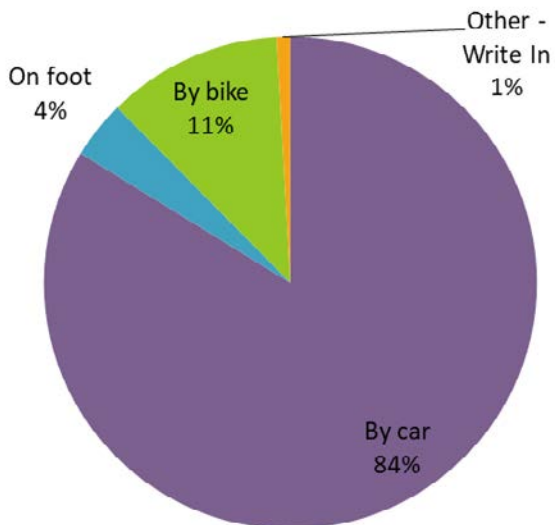
ACCESS AND USE

Open House

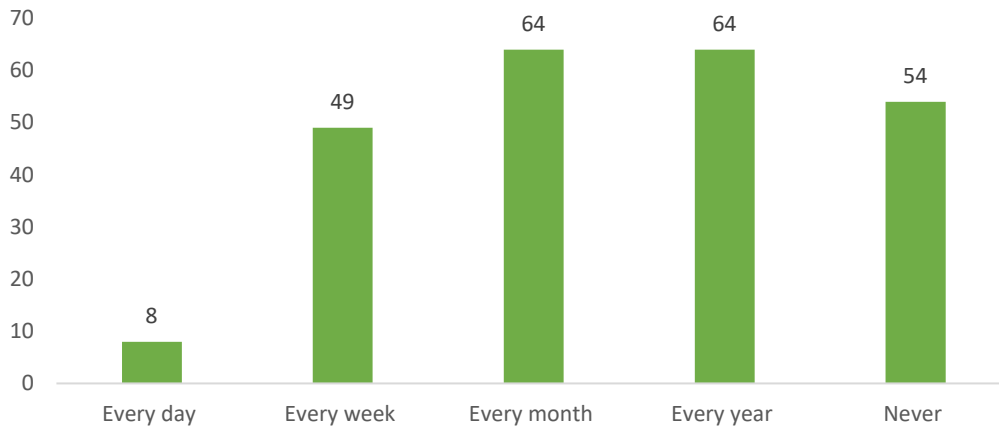


Survey Results

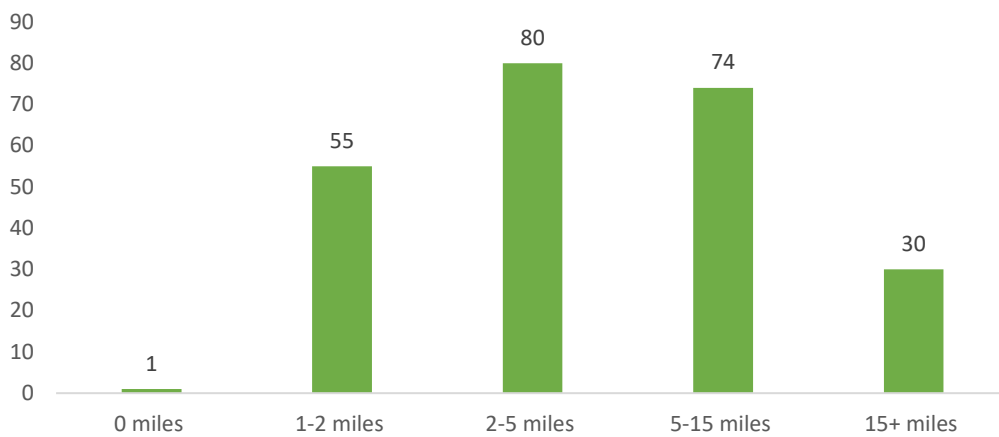
How do you typically arrive at the ice center?



How often do you visit the Ice Center Area?



How far away do you live from the Ice Center Area?

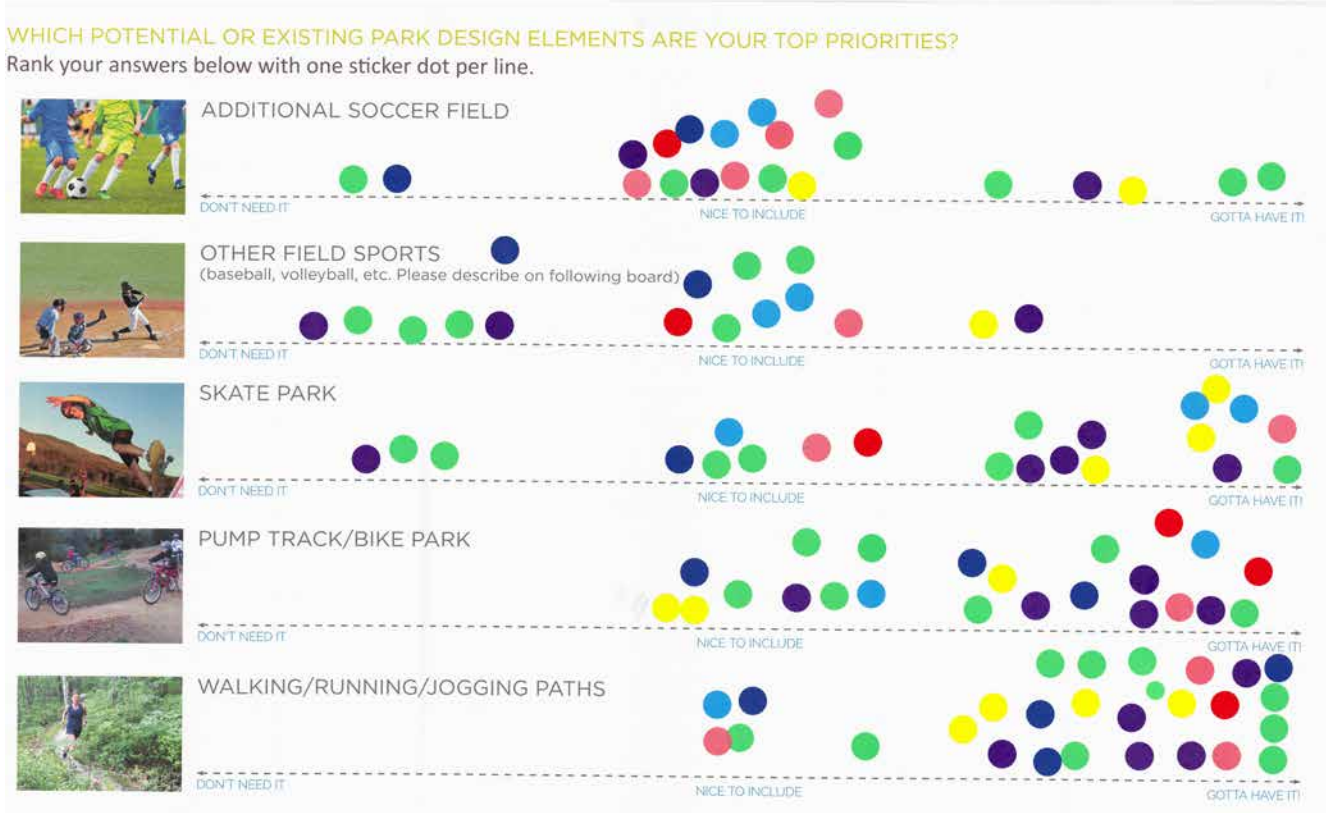


Open house participants primarily visited the Ice Center area park once a month. Online survey respondents had a large portion who never visited the park. All responses indicate by car as the primary means of accessing the Ice Center area, followed by bike. While some open house participants lived very close to the park, most who took the survey lived at least 1 mile away from the Ice Center area park.

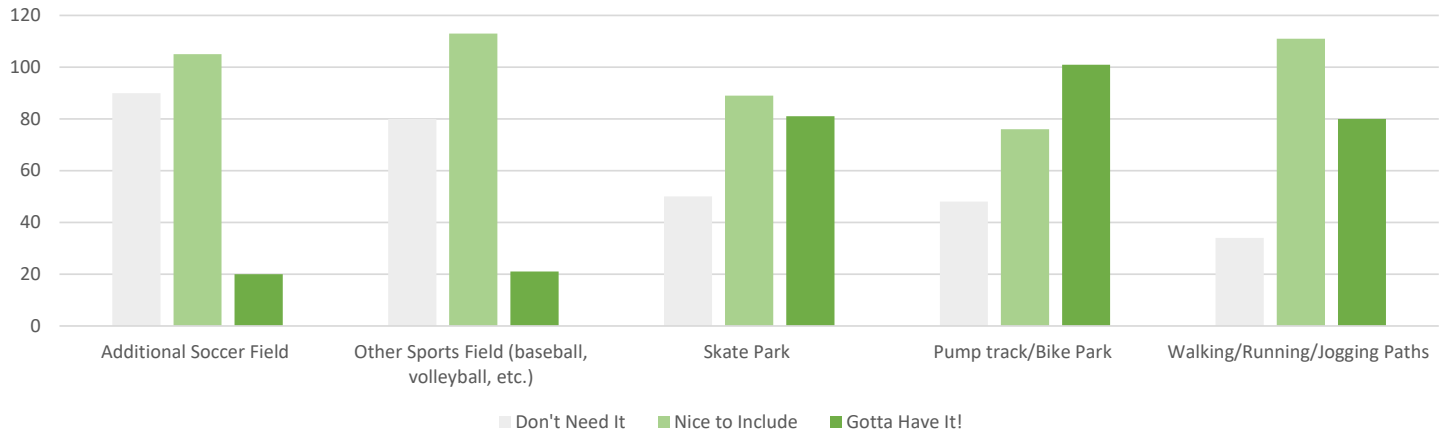
RECREATIONAL ACTIVITIES

Survey respondents and open house attendees were asked about the recreation activities they envisioned in the Ice Center Areas by indicating their feelings about a number of activities on a spectrum from “Don’t need it” to “Nice to include” to “Gotta have it.”

Open House



Survey Results



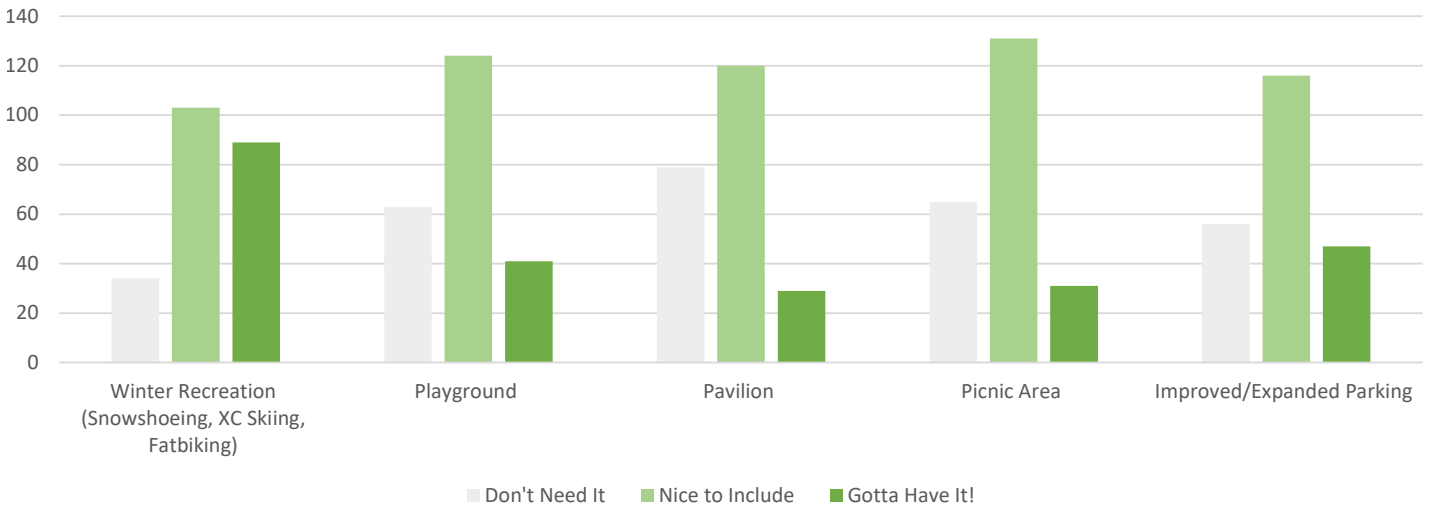
Open House

WHICH POTENTIAL OR EXISTING PARK DESIGN ELEMENTS ARE YOUR TOP PRIORITIES?

Rank your answers below with one sticker dot per line.



Survey Results



FAVORITE PLACES, AREAS OF CONCERNS, PROTECTED SPACES

Survey respondents and open house attendees were asked to identify favorite areas in the park, facilities in need of repair or improvement, and areas that should be restricted from recreational use.

Open House

What are your favorite areas of the park?
Write them in below and add them to the map with a blue dot!

Access to bike trails H+1
Fields
Fields & pump track H+1
There is an additional path to the river but its unimproved and dangerous. A "riverbank" path would be a great and more delineated path marker.
Sunny, warm spot, sunsets into here nicely
Bog area is a favorite spot

Pump track +1
Bike trail gaining a pump track and dog park!
Access near Pease Hill
Ice Rink
Ice Center
Bog area
Bog Hill access
Hunting on ice rink is a huge community asset
Ice rink/river
Fields
Ice rink
I have off road bike trails
Bog hill access
Ice Center

Waterbury VERMONT
August 26, 2022
Ice Center Area Existing Conditions
Park Boundary
Parcel Boundaries
Survey Contours
Prepared by SE GROUP

Where are facilities in need of repair or improvement?
Write them in below and add them to the map with an orange/red dot!

Ice Center?
accessible restrooms
Restroom Pass Machine - sidewalk
Walkways for active recreation
Bicycle wash station
Pease Hill Access way
Bogging for pease hill

Some of playground higher jumps/drops for kids in 10' high to jump over (1, 3, 5 foot high)
above road to BOGE
Park needs some traffic calming or sidewalks
could be great to have bike lane
River trails need help
Bike wash station - Fields

Waterbury VERMONT
August 26, 2022
Ice Center Area Existing Conditions
Park Boundary
Parcel Boundaries
Survey Contours
Prepared by SE GROUP

What natural resources or important features in the Ice Center area can you tell us about?
Write them in below and add them to the map with a green dot!

River/Fishing/Portage??
stephens/river

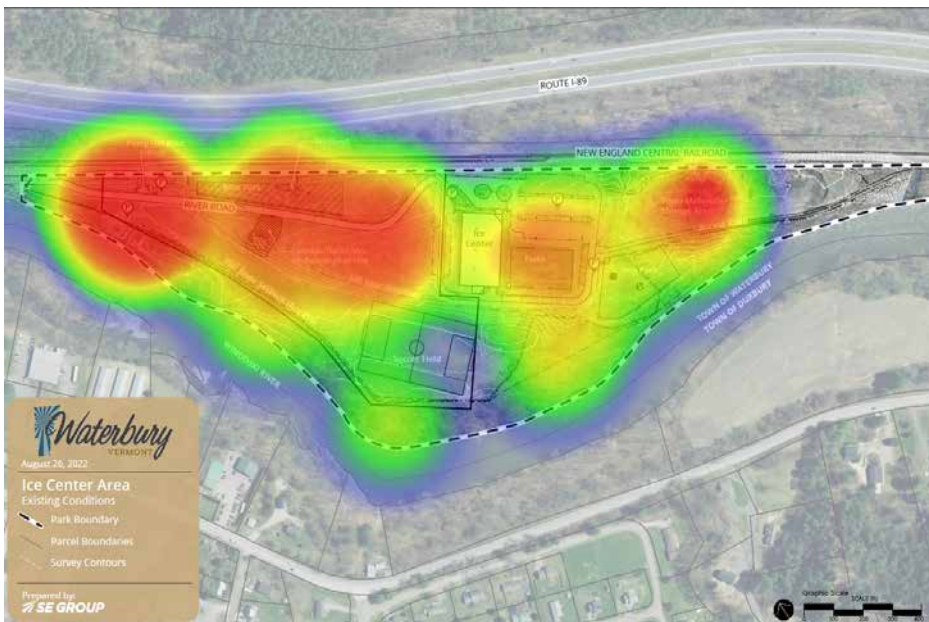
- Forest area
- (See sunset location)
- Wildflowers/water birds and waterfowl habitat areas
- Restroom BOGE - Area
- River access diff on access
- River edge - natural landscape
- 10-15' patches and waterfalls near wooded areas 2000

Waterbury VERMONT
August 26, 2022
Ice Center Area Existing Conditions
Park Boundary
Parcel Boundaries
Survey Contours
Prepared by SE GROUP

Survey Results - Favorite Places (77 responses)



Survey Results - Areas in need of Improvement (51 responses)



Survey Results - Areas off limit to recreational use (2 responses)



Open house participants identified favorite areas including fields, bike trail access, pump track, dock park, ice rink/center, river access, and the sunny, big open fields. Areas in need of improvement include unsafe roadway, accessible restrooms, river trails, realign road, add traffic calming and/or sidewalks, bike wash station and bathrooms for cyclists. Natural resources in the park were identified as the entire park, the rivers edge, and wildflower/fields for butterfly habitat.

Survey respondents favorite areas included mountain bike trails, pump track, kids love playing soccer, dog off-leash, river access, future skatepark. Areas in need of improvement included bike progression park, loop path, archeological site signage or elimination, river access, improved entrance, improved parking for Perry Hill, straighten road, and entrance with bike/ped access.

NAMING THE PARK

Survey and open house participants were asked “THIS PARK NEEDS A NAME! What would you like this park to be called?”. See Appendix A for full survey responses.

Below is a consolidated list of names for the park. Referencing Perry Hill, the river, Waterbury, were common naming ideas.

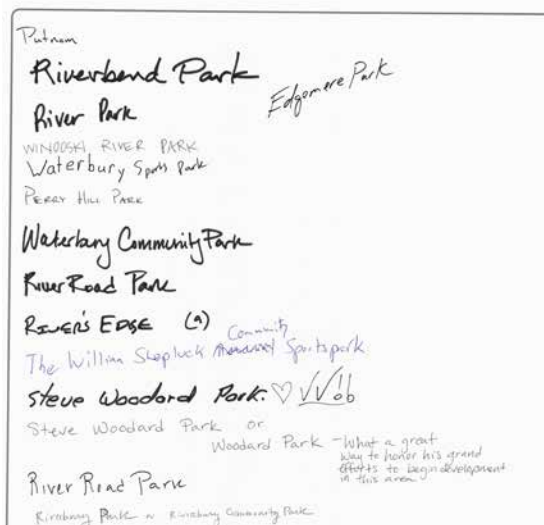
Survey and Open House Results

- Access Park
- Community Park
- Cross Roads Park
- Edgemere Park
- Green Mountain Recreation Area (GMRA)
- Harwood Union sports center (HUSC)
- Highlander Park
- Hootersville rink
- Ice Center Park
- Icy Parker park
- James Marsh Park
- Ken Squier Park
- Knot weed park
- Merry perry park; Waterperry park
- Mountain Meadows
- Mountain River Park
- Perry Hill Community Park
- Perry Hill Park
- Perry Hill Recreation Area
- Perry Hill Town Park
- Putnam
- River Bend Park
- river front cemetery
- River Park
- River Road Rec Center
- River Run Recreation Park
- River View Recreation Area
- Riverbury Community Park
- Riverfront Park
- Riverfront Recreational Park
- RiverRail Park?
- Rivers Edge
- Riverside Park
- Riverside Public Park
- Riverside Recreation
- Shepeluk Park
- South end
- South End Recreational Park
- Steve Woodard Park
- Sweetgrass Park
- The Bend Rec Area
- The Ice Center Fields
- The Icy River Park
- The People’s Park
- The Stomping Ground

- The William Shepluck Community Sports Park
- Waterbury Adventure Park
- Waterbury Area Multi-Use Park
- Waterbury Community fun park
- Waterbury Community Park
- Waterbury enrichment center
- Waterbury park
- Waterbury Progression Park
- Waterbury Recreation Crossroads Park
- Waterbury Recreation Ground
- Waterbury recreation park
- Waterbury Skatepark
- Waterbury South Park
- Waterbury Sports Park
- Waterbury welcome park
- Winnooski River Park
- Winooski Bend
- Winooski meadows
- Winooski River Park
- Winooski Way
- Woodard memorial park
- 1. Name it for the Archeological Site Designation.
- Something related to an Abenaki place name there or nearby.
- something related to farming history

Open House

THIS PARK NEEDS A NAME! What would it be called?



APPENDIX A. SURVEY RESPONSES - HOPE DAVEY PARK

Below are expanded answers to survey questions

WHAT NOTABLE NATURAL RESOURCES ARE IN HOPE DAVEY PARK?

- Wetland areas and stream running through
- Streams, mast stands
- Vernal pools
- Streams, wetlands, wildlife habitat
- Trees, pond/swamp, wet lands
- The stream and wooded areas by hole 9 on disc golf course
- thatcher brook
- Thatcher Brook!
- Trees, creek & pasture
- Access to Thacher Brooke River, old growth forest and wet lands
- Wetlands, Thatcher Brook, great old trees/ orchards, wildlife including all sorts of birds (heron and turkey too!), fox, mink, deer)
- The brook and the natural woods stands.
- a stream with frogs in it. big old maple trees
- Disc golf baskets
- A significant portion of this property borders wetlands. There's also the remnants of an old apple orchard.
- More humans and land being bought. Have not seen deer or bear in 15 years of living here. Disc golf should be the major focus as it can help grow waterbury.
- There is a nice trout stream at the east side of the park.
- There's a beautiful stream and woods
- Wetlands, deer wintering, ledges, forests, larger stream , ducks,
- Vernal ponds
- Disc golf park borders a stream and includes trees etc.
- Wetlands and bird habitats
- Thatcher brook
- The bridge with the wetland underneath is a good place to observe frogs!
- Weird question, it's been a while, I've stayed close to home, but I appreciate the woodland leading into meadow on the way down to the river bed the most.
- Small streams Small sections of marsh
- old sugar bush maple stands wetlands designations bordered by Thatcher Brook
- Wetland
- Interesting rock formation and wild apples
- water, shrubs
- Disc golf course trails
- Wildlife habitats—sadly due to all the house development their sanctuaries are getting more and more limited.
- Beautiful trees
- The marsh wetland is beautiful.
- Have no idea
- Open space and views
- Amazing Skatepark
- wetlands, old sugar maples and apple trees in the frisbee golf area
- The brook, a sort of wetlands zone, open fields, and just cool forest.
- I don't know I'm a gaper
- vibrant wetland ecology, vernal pools, etc.
- skateboards
- woods, wetland.
- The creek, the brook and all the beautiful trees.
- A few, but a non natural one is the wonderful skatepark. Everyone I know loves that park and the community there.
- Amazing old trees, field, stream, etc.
- Water, river
- I've come across beavers by the Brook that runs by the disc golf course.
- There's a beautiful creek
- Great views! Wetlands
- The stream that runs through
- Beautiful old maple trees, wet areas (used to have a lot of milkweed), brook
- N/A
- Stream and vegetation protecting erosion, frog pond, vernal ponds
- Thatcher Brook and associated riparian areas Legacy sugar maple trees
- the vegetation, the stream
- the hilly terrain and scenic river make for a fantastic disc golf course. the bridge crossing and connecting roads for hiking and exploring.
- brook, open woods bit of marsh
- open space!
- vernal pools, beaver ponds

- The creek
- Wooded area to walk dogs in winter... often VERY icy....nice small stream bordering rec. fields. Nice parking areas.
- Wetlands, ledges, mixed trees and old maples, apple trees, open meadow, river and stream vegetative habitat
- River, ledges, meadows, big maples, stream. Natural space.
- THATCHER BROOD, WETLANDS
- trees, old maple forest, old nature trails, beautiful granite, great for foraging!!!!!! mushrooms everywhere.....many edible, can feed a family
- Old woods, old meadow, river and stream, floodplains, wetlands. Rock outcrops.
- river floodplain, wetlands, old growth trees, vegetative growth, butterfly and bee flowering plants
- old woods, old meadows, wetlands, river and streams

WHAT KINDS OF WILDLIFE DO YOU SEE IN HOPE DAVEY PARK?

- Squirrels, back yard birds, whir tailed deer
- Deer...birds...vernal pool critters...
- Deer, birds, woodchuck, bear, raccoon, possums
- Deer, foxes
- Birds
- Birds, deer,
- Birds, frogs, dogs, squirrels
- Over the years, I've seen two different types of owl. Obviously, I've seen the more common birds, too.
- Deer and hummingbirds
- mostly birds and small animals such as squirrels and chipmunks
- Fish (in thatcher brook) Bees Birds
- Deer, rabbits only when golfers are not present
- Deer, chipmunks, birds
- Garter snakes, frogs, and toads
- Deer (weekly deer sightings), fox sightings (monthly)
- See above
- Chipmunks, various birds, deer.
- Frogs in the stream, deer, woodpeckers, other birds,
- Birds
- Birds, mushrooms
- Ermine, deer, and lots of birds.
- See above
- Birds in the wetlands area
- Plenty! They seem to be thriving while sharing the land with us.
- Deer, ducks, frogs,
- Mostly in playground/field area so just squirrels and then frogs at the bridge.
- I haven't recall wide life in my recent visits except frogs
- Birds
- Brook trout, frogs, crayfish, minnows
- I walk in the woods to see wildlife. This is a park in the center of many homes. I want to see kids and adults playing in this park.
- Rabbits,deer,owls,squirrels,fisher cat, snakes, skunk, frogs,(king fisher, ducks in thatcher brook) Fish in brook also. crows and smaller birds. Have not seen a bear but find their shit(scot) around.
- ? This is also weird... The same kind I see in my backyard.. Deer. Bear poop. Birds I can't name.
- Green frog Leopard frog Monarch caterpillars Grey Catbird Down Woodpecker Pine Siskin Black capped chickadee Cedar Waxwing White breasted nuthatch Pileated woodpecker Red eyed video Redwing blackbird Common yellowthroat Ruffed grouse Pine grosbeak Brown creeper Golden crowned kinglet Common raven Northern flicker Coopers hawk Evening grosbeak Yellow rumped warbler Common grackles Dark eyed junco
- Small game on occasion (squirrels, rabbits, birds)
- Owl, deer, fox, coyote, turkey,
- Small mammals and birds
- squirrels and chipmunks
- Small game all thr way up to larger animals like deer
- Normal vermont fauna
- Birds, deer, fox, various insects, snakes, turkey
- Birds
- Frogs, fish, bunnies.
- Disc golfers
- Smaller mammals and birds

- Small animals and birds
- birds
- I have only ever seen chipmunks/squirrels and typical local birds. I have never come across any particularly unique wildlife.
- Ducks
- amphibians, birds, deer, etc.
- skateboards
- Squirrel
- None.
- In the creek by the foot bridge I have watched tad poles and frogs grow each year for 25 years, the wild birds, deer, owls and abundance of insects are also a sight to see.
- Birds
- Birds, children (haha), deer eating apples once while playing frisbee golf
- Frogs, squirrels, birds
- Lots of birds, butterflies, frogs...the peepers are awesome in spring.
- Deer, bear, beaver, and groundhogs.
- Lots of birds
- Frogs birds
- White tail deer, moose
- Frogs are a huge hit with our small children. We have seen moose, bunnies, birds, etc.
- Rabbit and deer
- Turtles, frogs, snakes, deer, bear, partridge, turkeys.
- birds
- Tadpoles!
- Mostly frogs in the stream
- Insects and birds, deer, mice, frogs
- Forest songbirds Reported Wood Turtles (a species of Greatest Conservation Need in VT) along Thatcher Brook
- mostly birds
- red & grey squirrels, mallard ducks, crows, garter snakes,
- dogs, song birds, birds of pray
- Deer, squirrels, birds
- Foxes, rabbits, deer
- birds
- Frogs
- Birds of prey
- None as of yet.
- Deer, amphibians, fox, many birds
- When the park is quiet: Songbirds, owls, deer, fox, frogs (different kinds), salamanders (spotted and other), rabbit, squirrels
- Birds, frogs, salamanders, snakes, squirrels, occasional deer
- RABBIT, DEER, FOX, AMPHIBIANS, FISH, WEASEL
- deer, fish, frogs (especially at footridge), skunks, raccoons, owls, hawks, crows, many many songbirds too many to list, hummingbirds,
- Not much in recent years. Birds, butterflies, frogs, toads, owl, snake, deer.
- butterflies, bees, brook trout, deer, frogs and toads, snakes, skunks, raccoons, fisher cats, weasels, it was in FPF that there are endangereed species like salamanders and turtles that are not protected by park management by the town. I would like signs and a way to find the endangered species habitat area, my kids learned about turtles in school
- songbirds, crow, deer, squirrel, raccoon, fish, frogs, salamanders, owl

ARE THERE ANY RARE/UNIQUE PLANTS YOU HAVE OBSERVED IN HOPE DAVEY PARK?

- No
- Unsure
- Nope.
- No
- N/a
- None of note
- Trillium and trout lily in the spring, though not sure how rare or unique!
- No
- A bunch of weeds since a neighbor ruined the disc golf course.
- No
- No more than what I've observed along the Perry Hill bike trails or near the river by the ice rink...
- No idea
- No
- No
- No
- Not that I have seen
- No
- Fun twisted trees/ biggest white birch tree I have ever seen! Awesome giant old maples!
- I'm not a botanist, you tell me.
- Not to my knowledge
- N/A
- No
- I'm not familiar with botany
- na
- Not sure
- Nope
- no
- Not sure
- large old maples
- No. There's a couple of cool wooded maple sections and cool trees, but nothing that strikes me as rare/unique in my travel.
- Radish plants
- skateboards
- No
- No.
- Nothing rare but the unique flowers and mushrooms are fun.
- No
- None that I have noticed
- No
- No, but I've only recently gotten into identifying plants.
- Not aware
- None that I haven't seen in other places among the thousands of acres of untouched wilderness in Vermont.
- N/a
- No
- Not that I am aware of - but I would not be able to recognize them regardless...
- No
- not sure
- the curl/burl in the big tree closest to basket #7 is unique
- wet land plants
- The very old Maple trees are always cool to observe.
- Trilliums!
- No
- Wetland plants and old trees
- Old maple trees and mixed forest, apple trees of different kinds. Unknown if rare but when unmowed and untrampled, Wetland plants: cattails, joe pye weed, red dogwood, milkweed, wildflowers, clover, ferns, forest native flowers
- Milkweed, wildflowers, cattails, ferns
- MANY WETLAND PLANTS AND VEGETATION, OLD MAPLES AND APPLE TREES
- Jack in the pulpits, many wetland types of vegetation, flowering plants like Jo pai weed loaded with Monarch butterflies
- Fern, wetland vegetation. Big old trees, apples trees.
- wetland plants and vegetation, excellent mushrooms after rain good for eating
- woodland flowers, meadow native pollinators

ARE THERE ANY HUMAN ACTIVITIES THAT MAY CONFLICT WITH THESE RESOURCES?

- Littering, trash accessible to wildlife
- Disrespectful public urination occasionally
- Unleashed pets can disturb wildlife as can overuse, especially without a well managed trail system.
- No
- Many! But humans can be managed to minimize environmental impact through proper planning and trail design.
- Undisciplined disc golf
- Destruction
- I feel strongly that they can co-exist. Obviously, us humans need to be as respectful as possible, maintain the property & look to create preventive measures before interventions are needed.
- Gentrification of disc golfers being pushed out by wealthier folks isolating the park for their personal use.
- disc golfing is the primary one, it think you have the option of making this a disc golf course or a nature zone but having both will be difficult. disc golfers respect nature but it is inevitable that a disc will hit a tree and damage the bark, or a disc will go off course and participants will have to trample tall grass looking for it.
- Land development adjacent to Hope Davey Park. Stop building houses!
- Disc golf. Design of future park use needs to take into account the amount of use and destruction from disc golf activities. Trees repeatedly hit, missed throws resulting in trampling are significant and should be considered in park design. Said another way: discs do not follow mowed areas, and golfers pursue lost discs regardless of where they are thrown; regardless of the terrain
- Neighbors building large homes
- Disc golf players and their structures. There is trash throughout park, smoking, surrounding trees are being damaged by frisbees and players in order to “get the shot” Regular trespassing into neighbors private property to retrieve discs.
- There is foot traffic from families, student soccer, disc golf, hikers and an occasional biker. Signs for resource usage are well posted and most people are respectful. There has been a lot of hot debate around this and what I as an abutting neighbor would like to see is less us vs. them and more working together like this to protect the resources and keep the park open and full of activity. Conversations and collaboration like this are appreciated.
- Disc golf can and does cohabitate well in this natural space.
- Any activity could potentially have a impact
- No. Did an abutter write these questions? Stop the disc golf hate!
- There’s been a huge increase in development along the park boundaries.
- No
- Any type of motorized vehicles would have an impact on the plants and soil. Walking the land with dogs and playing disc golf has limited impact
- No more than at any other recreational area that we value. It’s all about balance in my opinion. I also value having healthy recreational outdoor activities that my children and family love that immerse them in nature and help them appreciate being good stewards of the land. Also, this survey is incredibly confusing and biased.
- No, most people are respectful of the environment they are in.
- No
- Bikes and motorized things
- No

- Litter due to a lack of trash receptacles on the easterly portion. Most disc golfers pickup trash found along the course but expecting them to carry it home (or at least to the parking lot) seems to discourage helping hands.
- I personally think we need to make Town parks places that are heavily utilized by people and work on conserving big connectivity blocks of forest for wildlife. Having vibrant parks where people can do lots of activities is very important to a community.
- No
- Management is the key for multi use area like the park.
- none that I have seen.
- Not that I've seen. I've always been impressed with the disc golf course and how it disappears into the woodlands. I was frustrated when the land was sold off next to it, it brings residential concerns very close to a wonderful recreation area. Hopefully new neighbors bought supporting the abutting recreation zone.
- Off leash dogs disturbing wildlife and trampling habitat.
- Frisbee Golf, mt. biking, running, walking
- Not to my knowledge
- People bothering the peaceful disc golfers
- No
- Yes, The more people the less animal activity.
- Crowds and lots of noise
- Most human activity has a negative impact on nature in one way or another.
- I'd love to have a paved running/walking trail available in Waterbury at Hope Davey but that might conflict with the natural environment.
- Disc golf
- not that I have seen
- Not that I know, littering comes to mind but the park is very clean.
- no
- Again, I have not personally come across a significant wildlife or natural resource in the park that is particularly unique or necessary to preserve. I do not think disc golf is a conflict with this natural environment.
- My uncle Rico and his buddies listening to three days grace in the parking lot
- all human activity has a potential conflict with the natural resources at the park. especially if significant improvements or expansions are proposed.
- no
- Disc golf, but does conflict on a large scale
- Not resource, but negative Interaction with neighbors is the largest issue I see, in the wooded areas.
- Not anymore than other parks
- Some but not the skatepark
- I feel that everyone is respectful to the environment at this park
- Drunk disc golfers.
- Hiking, Horseback Riding, other human activities
- I don't think that the disc golf course is damaging the natural resources at the course in any significant way.
- Parking
- Not sure maybe the paths that goes through the more wooded areas/ not open field areas.
- Not that I know of
- Disc golf should be moved. Too close proximity to private properties adjoining park
- The path along the disk golf path is compacted and eroded
- The disc golfers often ding the trees with their discs and damage the bark. The trees will eventually weaken and die. They also compact the roots, and on more than one occasion

have cut down trees or trimmed them back without consulting town officials. Other users have less impact because the frequency and volume of use is lower.

- I really cannot speak to the frisbee golf area, as I have never used it.
- Mountain bikers and hikers need to stay on the trails. The steep part of disc golf course hurts bank and causes erosion by trampling vegetation
- Any activities that lead, in particular, to degradation of Thatcher Brook and associated riparian areas. Dispersed human activities, historically associated with disc golf, leading to loss of understory vegetation, soil compaction, and erosion.
- all activities conflict on some level - the key might be to keeping the intensity reasonable - not gigantic gatherings of people at once - the appeal of the park area beyond the playing fields is the peace and quiet
- motorized wheelchairs that are not on graveled trails/roads
- Disc golf!
- no
- disc golf, littering
- Walking in the woods is difficult with the disc golf course. Basically unusable if players are there.
- foot traffic and cutting natural vegetation
- Mowing and cutting, foot-traffic that goes everywhere trampling and beating down vegetation, active recreation (disc golf) identified in this survey
- Disc golf course taken over park. No safe access . People everywhere looking for discs, drinking, yelling, swearing.
- HEAVY FOOT TRAFFIC OFF ESTABLISHED TRAILS
- anything that tramples and destructs established paths, any man made structure, anything that makes loud noises repeatedly that carry through the stillness of the woods, loud voices screaming, trash throughout the area
- cutting and mowing, people thrashing around looking for discs, disc golf course, dogs off leash
- anything that destroys nature, heavy foot traffic or machine cutting, screaming and loud clanging/banging
- disc golf course overuse and over blown footprint in natural area..mud, erosion, difficult through access. yelling, drinking, dogs off leash, people tromping through everywhere.

CLICK ON THE MAP BELOW IN THE APPROPRIATE LOCATION TO IDENTIFY THE FOLLOWING: WHAT ARE YOUR FAVORITE AREAS OF THE PARK?

- Baseball
- Apple Trees are nice to look at
- Beautiful area, quiet, running water, stream... lovely spot
- Best place in the aprm
- Disc golf and recreation fields/playground.
- Disc golf course
- Disc golf course
- Disc golf should be in more of the park.
- Disc golf!!!
- Friendly respectful interactions
- Giant / old Maples
- Good for x country skiing in the winter
- Great for kids!
- Great play area and family area
- great resource for families
- I love this disc golf course. I play rarely now but have played it for 20 years and now my kids play it.
- I only go to use the disc golf course, if the course leaves I will no longer travel to Waterbury Center.
- I regular this disc golf course at least once a week in the spring-fall months
- I walk, run, bike, and xcski there
- It's so pretty and peaceful back her and the big old maples are heavenly.
- It's beautiful and quiet back here. I walk my dogs on Christmas day with my kids, it's been traditional for us. It's also a lovely place to picnic and lose yourself from your worries.
- It's difficult to know where exactly on this map I've selected (I'm completing this survey from my phone). The entire Hope Davey Park offers something for everyone - the playground, skate park (needs to be improved), sports fields, disc golf course...I really wish this survey and this question were better designed.
- Kids love the playground!
- Kids love to run/play in meadows
- love the old trails down to the river.
- Love the playground. Make sure it gets upkeep.
- many songbirds and amphibians along the stream leading to eventually the reservoir
- My son plays in the older teams over at Dac Rowe now, but sitting and watching soccer on these fields was awesome with the amazing views.
- Natural Area
- Natural area needs to be protected and stay natural
- Old nature path through these woods and ledges.
- Parking
- Pavillion
- Please no offleash dogs. Better no dogs allowed.
- River bank
- River front and trail passage
- Riverfront with trails connecting to other parts of Waterbury.
- Skateboard park
- So many wonderful games on the baseball field!
- Soccer fields
- Soccer fields are fun for our family
- Some of the most beautiful disc golf holes in the state. A treasure

- The disc golf course
- The disc golf course is a great pass time and activity to keep people healthy and active. the sport/passtime has grown tremendously in the past couple of years. It also brings many visitors to the town supporting local businesses and restaurants.
- The entire park is great for recreation, it provides something for everyone, playground for little kids, soccer and baseball for older kids, a pavilion for gatherings and golf and walking paths for adults
- The river is lovely
- The skatepark is great, but outdated and small for the amount of interest!
- This ramp has provided tons of entertainment for myself any may others over the years
- Town management needs to protect and save the natural conserved park
- Upgraded full sized, well lit basketball court with higher quality basketball hoops.
- Very cool frogs, salamanders seen. Kids love it.
- We love to play disc golf!

CLICK ON THE MAP BELOW IN THE APPROPRIATE LOCATION TO IDENTIFY THE FOLLOWING: WHAT FACILITIES OR TRAILS ARE IN NEED OF REPAIR OR IMPROVEMENT?

- ADA access needed to get into and through Natural Area
- Disability Parking needed, and ADA access to pavilion, playground, playing fields, and to Natural Area
- Disability parking required and ADA access path to playing fields and to Natural Area
- Establish walking paths, nature trails through woods and meadow to river.
- Expand playground, add play elements for kids with disabilities, add seating, provide ADA access
- Family nature area with exploratory activities
- Frisbee golf pedestrian bridges
- I haven't seen an ice rink but would love for one to exist here!
- I love the trails but rarely venture back there because of the disc golf traffic. Could there be a way to have a trail that's not conflicting with the course?
- Increased allow maintenance of the disc golf course
- No disability parking, access for disabled and seniors not available
- OLD SUGAR WOODS NEED PROTECTION
- Parking is not always sufficient for the soccer league's
- Parking no ADA
- parking stinks, cars parked on the road all the time. public drinking in the parking lots and cans/bottles left all the time. not always suitable for small children due to obscenities, vulgar loOud language
- paths taken over by disc golf
- paths taken over by disc golf
- paths taken over by disc golf
- pathways taken over by disc golf
- perimeter of property could be a bridge-style nature trail
- POOR SURFACE, NO ACCOMODATIONS
- Preserve ledge trees and vegetation
- Recreation multi-use trail needs development and designation
- Re-establish nature path, stop mowing that creates lawn
- Re-establish nature trails throughout park. Stop mowing which creates lawn not natural plants. Remove locker area.
- Remove old skate park , expand playground, seating

- replace with volleyball court?
- RESTORE MOWED WETLANDS, FROGS AND SALAMANDER HABITAT
- Restore upland riparian area and woods, create family nature circle area en route to river
- Should reinstate the nature trail and permit horses on the trail. It would be safer for horse riders because now we have to worry about getting hit by discs.
- Skate Park
- Skate park is dangerous for young children and toddlers who use it as a playground more than skaters actually use it.
- Skate park needs an update
- Skatepark
- Skatepark
- The skatepark needs to be rebuilt-it's an awesome space
- they need to mow the grass more, make this a top Vermont course again. if you don't mow the grass frequently and completely, disc golfers lose their discs and end up trampling the tall grass looking for their disc making the course look like shit.
- This needs major improvement - skate park. Would be great to have separated BB court as well. Volleyball sand courts would also be a great addition. Bike path (trail for families and learners as well).
- trashed out trampled area with many old wooden structures No ADA accessible means to travel the land or to attempt to use a disc golf basket as an accessible recreation option. Disabled residents participate in events from their vehicles.....c'mon man
- walking through very difficult many times, very congested with discs, dogs off leash
- Would be great to see a bike path around this area.

CLICK ON THE MAP BELOW IN THE APPROPRIATE LOCATION TO IDENTIFY THE FOLLOWING: ARE THERE ANY HUMAN ACTIVITIES THAT MAY CONFLICT WITH THESE RESOURCES?

- Active rec (disc golf per this survey) ruins this area.
- Active rec use not suited.
- As stated above, very icy in the winter, and not available when people are playing golf.
- disc golf (active rec) makes it unsafe and not fun intersecting with so many men drinking and yelling.
- disc golf everywhere
- disc golf not suited for this natural area
- disc golf ruins land and trees
- disc golf ruins the river area
- Disc golf ruins this.
- Ecologically sensitive area - recreational access should not include development, clearing, or change in landscape
- Ecologically sensitive area - recreational access should not include development, clearing, or change in landscape
- leave floodplain natural habitat
- many forms of unique wildlife habitat
- Protect ledges throughout park, erosion, tree roots, protect trees
- River and riparian area, habitat and floodplain restoration, no disc golf
- steep banks and wet, erosion
- stream and large wet areas left alone
- Stream, habitat
- Stream, very wet, floodplain, habitat, wetlands and vegetation
- Throwing discs too much. Kids feel unsafe.

- Too close to neighborhood that frisbee golf players easily trespass in order to play the course as is now.
- Very wet, wetland habitat,
- Wet and meadow areas allow to restore, habitat for mammals and amphibians, joe pye weed and other vegetation grows when allowed
- wet and passage through park impeded by disc golf setup
- Wetland corridors, stop mowing, re-establish natural vegetation
- wetlands
- wetlands, erosion, ledges
- Wetlands, habitat
- woods ruined by disc golf

EXISTING EXPERIENCE OF PARK

Survey and open house participants were asked “What word or phrase best describes your EXISTING experience with Hope Davey Park?”.

- Minimal
- Baseball
- Home grown, friendly, community based, FAMILY gathering place
- Valuable but in need of updates
- Soccer, baseball and disc golf
- Xc skiing! ❄️
- Limited access.
- out-of-date!
- Soccer
- don't use it much anymore
- Sometimes visit for recreation
- fun
- Ok
- Variety
- School age sports teams
- Family friendly in all aspects
- Disc Golf - my main source of activity, socializing & exercise.
- This park is my balance in a stressful and hard life. The disrespect as a disc golfer in the park by the new residents who have built houses next to the disc golf course is bad for Waterbury. These houses are stripping the last piece of freedom I have in the place I've called home my whole life.
- promising.
- Best disc golf course in the state. Needs better, more regular maintenance.
- Happy
- Can't walk in the park when golfers are present; too dangerous
- Amazing, fun, welcoming, skate ramp in need or repair
- My happy place
- A beautiful local park that I've enjoyed myself or with my kids for many years.
- The Hope Davey Park is an amazing place for local families, kids to gather and play together. This is the only location for kids to do this in the center. It is essential for kids to have a place like this. The skate park played a HUGE role in my kids growing up!
- I've golfed at Center Chains since '03, and the encroachment of the outside property being sold and built upon so close to the course that the course has to be changed repeatedly makes me sad.
- Youth sports/engagement
- It is a Frisbee Golf course - not run like a town park. I do not feel comfortable walking the trails of the park with my daughter at all with frisbees flying everywhere.
- Resident next to or near the park for almost 21 years. I've spent lots of time there with my child on the playground, then on the fields and with my child/dogs in the fields and on the trails/frisbee course. It has been fun to watch both the park and course be maintained, upgraded and given new life.
- Community
- It's a great place to recreate. Skiing, basketball, biking, youth soccer and baseball
- I just filled out this survey but forgot to mention that the pavilion is an important feature of the park. It gets used a lot for kid's birthday parties and stuff like that.
- Beautiful public park enjoyed by the community
- Quintessential Vermont disc golf
- Assessable
- Great, except for every instance of one neighbor's harassment of disc golfers.
- Positive
- Great disc golf.
- Community
- Love. My family and I love this park. We would be heartbroken to see its use changed.
- I love HOPE Davey, it's my escape into the woods with hidden treasures of solitude by the water. The kids and dogs can play.
- Love the disc golf in a beautiful natural setting.
- It is where my step children learned to play soccer and where I played little league as a kid. I use the disc golf course regularly with friends from as far away as Burlington.
- Fun! We love the playground and field area for young kids to play. The skate park

unfortunately is a huge attraction for the little kids (it looks so fun) but it's not super safe right now with the rusty metal and areas sticking up. But the playground is very fun and the fields offer a lot of space. I would explore the trails more but honestly I thought it was all disc golf elsewhere!

- Family friendly and community
- I have been playing disc golf here for over 20 years, it has brought so much tourism and locals to Waterbury on a regular basis. The new houses have encroached on the DG course in a major way, it would be nice if we could move a few holes away from the houses. Thanks for hearing the voice of the community.
- Okay
- Confusing
- Disc golf course
- A place we go for skateboarding or soccer games.
- Community focused
- Fun with my whole family!
- Fun open fields for the kids
- Kids recreation and pavilion use
- I enjoy the park for its multi use but disc golf has taken over. I am not in favor of banning disc golf but in appropriately sharing the space with hikers and horse people. No mountain bikes or motorized vehicles should be allowed.
- Unnecessarily politicized
- well rounded multiuse area!
- Delightful access to woodland and river that my family and I value and use.
- A daily joy to have close public access to walk in the woods.
- Family Friendly Local Small town feel Community Driven
- Great Example of successful multi-use shared access for many years interrupted by ONE SEASON of over-use and abuse by minority "bad apple" frisbee golfers during COVID, currently being spoiled by ongoing intentional conflict seeking behaviors of self absorbed neighbors hostile to the frisbee golf course.
- As a former head of the Waterbury Area Trails Alliance (WATA), we scoped out building a short family friendly mountain bike trail - but were stymied by the usage present for the disc golf course. It seems

like there is a way to incorporate trails and the disc golf course as that seems to be a popular and desirable local amenity - but is currently taking up too much recreational space with respect to other uses.

- Community, Vibrancy. Active
- A nice meeting place
- Parties at the shelter
- Benefit to community
- Occasional skate park users
- Play disc golf a weekly all summer long
- Friendly interactions in a comfortable space
- Strained
- Backyard fun
- Essential disc golf mecca
- Community Asset
- Beautiful course with a phenomenal disc golf course, that brings a good amount of money to the waterbury community
- I drive by but my kids utilize the basketball courts and other aspects of the park on a weekly basis with their friends.
- Quaint and not overly populated
- My kids go there after school to hang out and play basketball
- Family recreation and socialization
- Kids sports and disc golf
- Great local resource for recreating
- A pleasant place for family or school reunions or simply an outdoor meeting place (the pavilion) for a picnic.
- Infrequent
- Lots of time spent at Hope Davey with youth sports. Always a nice experience. Parking was often difficult on the busiest days. I don't disc golf, but recognize it is a resource many enjoy and use regularly. As for natural resources, I feel we could focus this elsewhere in town, much of the park backs into existing a new housing, there are many more "wild" lands available nearby.
- Very good. Typically there for youth sports. The soccer league manages the limited parking very well by having volunteers there to direct families to open parking. The new playground is a great upgrade. I think shelter is a great option for events.
- soccer
- Unaware of much of it.
- very cooperative encounters with others
- Parking is a problem, during events cars are often haphazardly parked on the road both

- Maple St and Loomis Hill. Children darting between the cars is a safety issue.
- Disc golf with kids at playground/games
 - Great playground
 - Fun playground
 - Splintery skating
 - Fun
 - Only been to shelter, for various events, meetings.
 - Limited
 - Love it for Waterbury Youth Soccer, Playground for the kids, and best disc golf in the central valley!
 - Fun, small park
 - A great community resource, but the skatepark needs repair.
 - Safe(community) space in a beautiful environment. Skating can be a unsafe due to the condition of the ramps.
 - Fun and relaxing
 - skateboard ramp in disrepair and too close to jungle gym, too many little kids everywhere to skateboard safely and the ramp will be beyond repair very soon.
 - Well loved
 - Ok
 - Why can't I kickflip
 - Dilapidated skatepark, fun but dangerous. Soccer fields for kids.
 - Excellent resource for my young family that participates in youth sports (soccer and baseball).
 - The skatepark is in major need for repair, and having this space available and open is very important
 - Fun
 - Fun!
 - Crowded during soccer, and the area where the skate park meets the fire station.
 - Very little experience using the park
 - I gone every week or multiple times a week for the last 4 years
 - Beautifulamaxingskatepark
 - skateboarding !
 - A memorable and beautiful time
 - Good
 - A beautiful multi- purpose rec area
 - Needs attention
 - Limited
 - Surprise at discovering all this in our town.
 - Not enough picnic area's
 - It's a nice place to visit
 - Disc golf, field, basketball, skate park
 - Fun
 - Fun place to play disc golf and enjoy nature
 - Kids
 - Meeting place
 - Fun!
 - Pretty limited, but good
 - Lots of potential
 - The skatepark is my home base, where I find peace at the end of the day and come together with friends. Since it is falling apart, this is affecting that time
 - Great except for the frisbee golfers and their bad habits. Originally meant for a family area and not for Adults with bad habits.
 - disk golf
 - I have loved watching my kids play sports at the park and the disc golf course is beautiful!
 - Frustrating. The disc golf course dominates the experience. I have enjoyed disc golf myself in the past but I feel the amount of land is not sufficient for a entire 18 hole course. The land would suffer less and other users could enjoy it more if the number of holes were reduced so that the land is used less intensely.
 - We love going to our kids soccer practices & games.
 - I come at least weekly for the entire year to play disc golf. Friends travel from Burlington and out of town to Waterbury to play this course. It is the most important part of the park in my opinion that caters to all residents, families and individuals alike. The soccer and baseballs fields are empty all summer and winter, the disc golf course sees use by responsible patrons all times of year.
 - I go there for the skatepark only. The mini ramp there is unique and I can not skate anything like it anywhere else in VT
 - kid-group-centered events
 - Limited—I can't find the trails anymore
 - Skateboarding
 - Community, athletics (soccer), fun (playground, skatepark), nature
 - Family recreation
 - Community
 - Overuse, lack of management
 - familiar

- enjoyable ball fields, playgrounds, trails and disc course for the entire family.
- community asset
- We love spending time outside there!
- Great
- Pleasant
- Great place for gathering with young kids, clean and pretty
- Lacking
- Lots of kid time - playground, soccer, baseball
- i'd like to use it to walk, XC but there's nothing there that draws me now
- Community gathering space. Local playground for our young children.
- We love the playground and the stream/wetlands. Also going for walks on the nature trails.
- Cherished.
- Fun
- Sporadic, enjoyable when there.
- Enjoyed use for the whole family.
- great youth sports area and natural space
- Unavailable ADA access, young children and senior access limited, degradation of natural space, trampled.
- discouraging and sometimes unsafe.
- HOME TO MANY FORMS OF NATURE, PLANT AND ANIMAL. THATCHER BROOK MAJOR DEER HIGHWAY, POPULAR SPOT FOR NEIGHBOR DEER HUNTERS FOR 100 YEARS
- unprotected devalued underutilized town treasure, great children/youth organized recreational space
- hope for quiet times to enjoy
- neglected, needs attention, ball parks are great, bpaviolion is nice can't get there. Not handicap parking. Skate park is an eyesore which is rotted out, setting up for exposed nails, screws and injuries
- natural area access

DESIRED FUTURE OF PARK

Survey and open house participants were asked "What word or phrase best describes your DESIRED FUTURE experience with Hope Davey Park?".

- Future go to park
- Baseball
- Public enjoyment
- Balanced recreational offerings with natural resources
- Improved maintenance of nature trails for walking and xc skiing. Community events in the winter that celebrate skiing out there. (See Hartland, VT's winter fest on their town xc trails).
- Inclusive
- Youth
- Soccer
- Keep it pretty much as is
- continued fun
- Trail for walking/running/xc skiing
- Improvement
- School age sports and community natural areas
- More friendly to disabled friends
- Can't we all just get along?
- Unification of Vermonters
- Disc Golf Mecca,
- Benches reinstalled on disc golf course, trash cans, and regular mowing on disc golf course.
- Beautiful disc golf course that is maintained and enjoyed by a great community of golfers!
- Safe, Appropriate, future-proofed Coexistence
- Community
- A place to bring my children and friends to play disc golf
- I'd like the "backwoods" area to feel more accessible and welcoming to all visitors, not just disc-golfers. It'd be great to have the old hoop at the basketball court replaced as well.
- A place for families/ kids to gather in the area that provides safe, healthy hang out areas.
- I want the golf course to continue to exist with no more changes based on outside property.
- Youth sports/engagement

- PEACEFUL
- Continued maintenance, thoughtful planning and check in and communication between park users, rec department, town government and community neighbors (annual or bi-annual meeting perhaps)
- Community
- Continued recreation with improvement to the one basketball hoop on the north side of the court. I've tried installing a hoop on it but none that I've found will attach to it properly.
- Perfect as is with some minor repair and maintenance
- Disc Golf coexisting with locals
- Updated
- The neighbor finds another pet project for their obsession and Disc golfers can return to reasonable recreation time.
- Less conflicted
- More disc golf.
- Accepting of different uses
- Let it be!
- I hope it continues as is and grows even more into a recreational trail place.
- Fix the skate park.
- Continued use for disc golf and family recreation.
- More fun for little ones and families!
- Community and family
- Disc Golf and recreation with my kids. Playground/skateboarding and biking on the flat pavement/basketball court for kids. The basketball court/hoop could also use an upgrade.
- A catch all - great for walking / running but also the best place to play and make memories with my kids
- Continued access for youth activities
- Keep it the same it's wonderful
- Sustained community focus
- Maintain all the elements of the park including skatepark, playground and disc golf.
- Continued fun.
- Family recreation and easier parking
- Answered in 11.
- Protect and preserve all the existing recreational functions INCLUDING a the disc golf course.
- more parking / hardening of existing paths.
- Increase safe ADA access to the first few "holes". Plant buffer zones (brambles and shrubs will be good for wildlife and bad for humans) between recreation and residential. Keep up with the perimeter snowplowing in the winter, it makes walking dogs soooo nice. Make the disc golf guideline more obvious and less clubby. I always feel I'm using someone else club, it's not clear that it's there for all of us and the disc golf merges in with it. KEEP THE DISC GOLF COURSE.
- See above answers!
- Successful multi-use access. (Improved planning and organization to preserve natural environs and maintain multi use by frisbee golfers, bikers, walkers, visitors.)
- Making sure we retain the disc golf course and find a safe path for walkers to use.
- A resource (natural and recreational) for the entire community which is well-managed and honored as a community resource.
- An are for engaging activity
- Expanded benefit to community
- Avid skatepark user, children's sports coach
- Continued respectful interactions between users
- Family Friendly
- Disc golf oasis
- Essential disc gold mecca
- Valued, cared for community asset
- Functioning disc golf course
- As a parent I would enjoy walking trails in the park
- Do not overly use the area.
- Multiple activity areas with enough room so they don't overcrowd each other as they do now between the basketball court and skate park.
- More of the same
- Kids sports and disc golf
- Would love to see walking trails with winter use- snow shoeing/ cross country skiing!
- Repaired skateboard park, and a plan that maintains the disc golf course and keeps neighbors satisfied.
- More walking trails that are bike free; improved support for dog park; enlarge dog park

- Less hectic - better management of use so that the park and neighborhood can function peacefully.
- Picnics
- I think the local residents have some legitimate complaints on the disc golf, but don't feel it warrants taking it away at all. I think it does need some light management to deal with bad behavior, but I suspect this a small number of people. We used the playground a lot when our daughter was young, I am happy it has been updated. This type of equipment is super for young children, and needs to be maintained and expanded when possible.
- Coexistence. There needs to be better management of some of the unacceptable behavior between the disc golf players and the neighbors.
- running trails
- Would like to engage more with the nature trails.
- continued mixed use access with understanding for all groups
- Nature haven for people, plants, and animals that are safe for humans to be
- Disc golf and hiking or cross country trails with youth programs on the fields
- Connect the park with other nearby public spaces (Waterbury Center Green and the Grange Hall Cultural Center)
- Sustainable skate park design
- Love to have groomed Nordic trails
- More nature
- Exciting
- access
- Same as before for me! I love the park and want it to thrive and stay relatively the same.
- More diverse athletic activities (Volleyball!)
- A repaired skatepark.
- Destination skatepark - bike park
- New Skatepark!
- Inviting
- a concrete skatepark that will last a long time without need for repair, located away from jungle gym so that little kids do not mistake it to be part of the playground.
- A recreation destination
- Fun and exciting!
- Is able to kickflip especially in front of babes
- Concrete skatepark, and hiking trails.
- Improve the experience for site users by investing in existing infrastructure (skate park, disc golf course, parking lots, picnic table structure, fire pit, grill, water/wastewater amenities).
- new skatepark
- More nature, repaired skatepark
- Clean, uncrowded, and a bit more parking so as not to disrupt the neighbors with illegal parking on their property.
- A friendlier, peaceful place to walk dog, xc ski, walk, or snowshoe
- Skatepark
- I just want the neighbors to settle down the complaints, once things are in place and moving in the right direction I'd like to see them back off and let people actually enjoy the park, fields and disc golf course without being judged
- Skatpark
- Concrete Skate Park
- skateboarding !
- Continued memories
- Better skatepark
- Stays the same
- 1st class with a great skate park
- Explore
- Well managed recreation and multiple use resource.
- Children
- Wanting it to be a great place to visit. Walking trails would be a great addition!
- Very much excited about the skate park
- Hiking, snowshoeing
- Improved skatepark. Disc golf better maintained. I would gladly pay for disc golf if the grass was maintained better
- Clearer parking
- Same thing! I don't want anything to change.
- Honestly, it's good as is. More stuff for kids?
- Place you go after meeting with friends or new people.
- Even more fun!
- More dog walking trails
- Thriving community
- Reborn
- Quiet and peaceful without frisbee's
- walking with my young family
- Maintenance
- More peaceful

- To keep the park in good shape, multi-use that changes with the times if needed.
- Enhancement of the disc golf course. This would bring more people to Waterbury and enhance the local economy, sense of community, and recreation opportunities. It would be a shame to let this unique recreational gem not shine.
- Keep the mini ramp and repair it.
- adult and family recreation
- More walking space
- Skateboarding and hiking
- Continued safe place for families to gather
- Family recreation and nature education
- Community
- Mix Use
- Responsible use following a well-thought stewardship plan
- peaceful
- Hoping to use the park for more of the same, for generations to come
- enjoyable
- Expand trails and include bike trail like Richmond Elementary has that loops the fields
- I like it the way it is. More maintenance on the wild area / disc golf course would be nice. The ticks get a bit crazy when the grass is too tall.
- Walking trails would be amazing!
- Nature.
- More people using the park on a daily basis.
- recreation
- Community gathering space. Disc golf. Nature walking.
- Making the park, playground and trails ADA accessible for people of ALL abilities. Removing the hazardous skate park. Tamping down the disc golf use as they take over the trails/natural area. I am afraid that my kids will get hit while walking.
- Preservation of current beauty & accessibility to all
- Rugby pitch to get more young people in the area familiar and comfortable with the world's 3rd most popular sport
- More fun
- More easily accessible walks in the woods... winter and summer.
- Continued use as a family with less hazards (skateboard park could be updated) and more signage for trails and clear disc golf hole maps per hole.
- preservation, conservation, recreation, accessibility
- Conserved open space with ADA access, balanced quiet recreation in natural area
- discovery and access, keep the natural space for kids forever.
- ALL INCLUSIVE , HANDICAP ACCESSIBLE
- town treasure for all, all areas accessible to whatever level within reason, town responsibility for managing town lands
- natural beautiful park land for everybody and protect nature.
- clean, neat, all inclusive community resource snowshoeing, x country skiing, horse paths, like our schools ALCOHOL AND DRUG FREE
- Conserve natural area and access

APPENDIX A. SURVEY RESPONSES - ICE CENTER AREA PARK

RECREATIONAL ACTIVITIES

Additional recreational activities were listed as either “gotta have it!” or “nice to include”

- Another ice rink
- Basketball court too
- Bike & pedestrian entrance access. Currently only car access is provided.
- Climbing wall, obstacle course
- Disc Golf Course
- Disc golf
- Dog park
- Dog park/ périmé walking path
- Field house (lacrosse in mind)
- Field house to offer cover for sports in incimate weather
- If the Hope Davey area isn't available for it, a rugby pitch here would be great as well!
- Indoor basketball courts
- Indoor multi purpose gym re- indoor soccer field, lacrosse, basketball court
- Indoor tennis/ pickle ball courts
- Mountain bike trails kiosk expansion
- Mountain bike trails!
- Mountain bike tune station
- Move the rec center and pool
- My biker dirt bags sleeping at the park
- Out door stage/seating
- Outdoor exercise circuit
- Paved loop path around entire parcel for roller blading, roller skiing, and etc.
- Pickleball courts
- Pollinator Gardens and Benches
- Pool
- Portable toilet
- Railroad Crossing Safety
- Skatepark
- Trash removal
- Volleyball court
- Volleyball courts
- Walking/dog walking trails
- Wants vs needs of improvement
- Yoga/Meditative Area
- bike skills park
- outdoor rink?

WHAT NEW ACTIVITY OR FACILITY WOULD YOU MOST LIKE TO SEE ADDED AT THE ICE CENTER AREA?

- Running and biking paths that are rolling and ADA accessible, consider ways to connect to town to prevent runners and cyclists from using the main road to access the trails.
- Skatepark Perimeter jog/walk trail Sculpture park Rest room facilities Small playground for family
- Skate park
- Bike skills progression park, with skinnies, drops and other obstacles to continue to increase the draw to Waterbury for mountain biking
- Xc skiing/walking trails that don't interfere w/ the bike trails. I primarily come to this area to bike, and would love to be able to ski there as well! Improved river access would be amazing in the summer, as would another, smaller pump track more exclusively for kiddos!
- Restrooms (with showers?) and a nice seating / shaded pavilion
- Improved access for mountain bike trails (parking, road crossing, bathrooms). Ideally also an improved/restored pump track and even jump line would be amazing.
- There is so much room in the fields between the bike trail access and the rink - you could put in a great skills part with dirt jumps, places to learn skills...etc. Maple Street Park in Essex is amazing and packed with families every day from sun up to sun down. If you haven't been to Maple Street park in Essex and seen their dirt jumps and bike park, you are missing out. Nearly every biking community out west has a dedicated skills park with wooden features, drops, pump track, dirt jumps, wall rides, pavillion, bathrooms....we are so far behind in Vermont
- None
- Sidewalks to safely walk to the park from town.
- Public restrooms would feel necessary if we do expand the area.
- Skate Park
- Expansion of parking for mountain bike trail access. Dirt jumps added for riders.
- Trails for hiking and xc skiing
- Skate park!
- Disc golf
- Disc Golf
- Skatepark
- I would love to see expanded athletic fields so the town of waterbury could host large scale athletic tournaments.
- Concrete skatepark
- Disc Golf!
- Skate Park. This is an invaluable activity for kids to get outside together. It provides one more option for kids that aren't bikers or soccer players.
- It would be great to have solar powered lights in the tunnel under the highway.
- Pavilion, expanded fields to take the pressure off sports at other local smaller parks, Public Restrooms and paths for year round activities. Love the idea of a bike park to improve on all the community work that has been done there.
- Indoor multi purpose field house facility for soccer, lacrosse, and basketball
- N/A
- None
- Fitness loop, pull up, sit up station, etc...
- Wait! Where are all the environmental questions posed for Hope Davey Park?
- Recreation facilities are desperately needed for our kids. Basketball courts this would allow kids who don't make the teams to continue with Rec teams. Keeps kids active and away from drugs/ alcohol
- Skate park
- Added soccer fields.
- Playground would be a really fun addition for families
- Swimming pool
- A new pool
- Waterbury Center needs better playgrounds SOMEWHERE! The best truly exists in Stowe.
- Second studio rink since teams from New England and all over VT use this facility due to the location.
- An ODR that could be fun! Basketball court
- Skatepark, expanded winter options, picnic area, public events

- The ice center is a beautiful open area, and seems lightly used aside from peak hours. It'd be great to find draw more widespread community use of what seems currently limited to mountain bikers, dog owners, and hockey players. I think beautification, picnic tables, some play elements, and some sort of pavilion would allow this to be a multi use park. Like Rusty Parker but with better parking, scenery, and capacity.
- More biking paths, pump tracks etc. Have it be a place where our children can spend the day learning how to prepare for Perry hill!
- Field house. Large covered area for field sports with a track around it for winter/bad weather running. This would also be able to host events.
- Rec soccer field
- A community center like what was discussed a few years ago
- Skate park!
- Outdoor rink
- A new Skate Park!
- Paved loop path around entire parcel for roller blading, roller skiing, and etc.
- a skate park would fit in well with what is already there
- Overnight camping - it's already happening with 'van lifers' and some formalized allowance for this will avoid it becoming a problem in the future.
- Cross country skiing and a skate park
- The area already seems quite busy and at capacity
- Picnic areas and water access
- Skate park
- Disc golf
- Softball field
- N/A
- Public pool Maybe an outdoor roller hockey rink
- Skate park
- Lacrosse and a field house
- Walking- jogging paths
- A new skateboard park.
- The river access idea is nice.
- Larger, better maintained bike park/pump track
- Running trails would be amazing.
- Pickleball
- Volleyball both indoor and outdoor
- Volleyball
- Indoor pool
- Better maintenance of trails, more portalets.
- Volleyball Courts
- Concrete skatepark
- Better sports fields or better kid mtn biking!
- Volleyball Courts! Walking Trails
- Playground and volleyball court
- Two dedicated volleyball courts
- Concrete Skatepark
- Not sure
- A professionally built concrete skatepark!
- Terrain Park
- Concrete skatepark.
- Playground/picnic area.
- SKATEPARK
- Skatepark
- Skate park. To crowded at Hope Davey.
- Restrooms, picnic area, pavilion
- Skatepark
- Playground
- Skatepark and bike pump track or jumps built professionally
- Mountain bike jumps
- I think building a new skatepark here (as opposed to repairing Hope Daveys) as well as a playground would be amazing for the kids living in downtown Waterbury, as well as the rest of us. The kids need a place they can walk or ride their bikes to, like the kids in the center with Hope Davey. We dont need more pavilions or ball fields, or any of that other stuff unless the budget allowed it, which I doubt it would.
- Restrooms accessible from outdoors when the ice center is closed.
- Additional parking and restroom facilities
- Outdoor family activities for the non-hockey folks
- More free time
- Walking trails
- Public use gym for indoor rec, including basketball. Our school gyms are always booked.
- Skate park and bigger pump track
- The existing rec building and pool are meh at best. The pool is in disrepair. What if you moved them? At a minimum, a pavilion and playground would be clutch. Better river access may be nice?

- Probably a skatepark or river access
- Indoor pool would be great
- Skatepark!
- Would be wonderful to have additional fields for team sports
- A skatepark would be amazing, as well as a long looping walking or biking path. Perhaps shared use. The bike path behind the Richmond Elementary school is a GREAT example of a bike path. Better than a pump track (different), but more uses. The walking paths in this area are also wonderful.
- Trails along the river for hiking and mountain biking.
- Skatepark
- A skate park
- Volleyball
- Skatepark
- better trail, playground, bathrooms, some way to tie it all together as a giant park ... a map showing all of the elements there
- Volleyball Courts!
- Outdoor exercise circuit
- Curling
- River Access!!
- Need street lights on the road
- Sand volleyball courts, restrooms, playground
- Pavillion with picnic area. A space for outdoor music in the summer months community pool
- Skate park!!!!
- Climbing wall or obstacle course
- I love the plans for a multi-sport area and support all of it - skating, soccer, biking, dog park.
- more mtn biking mtn biking trails at base for beginner riders- before tackling Perry Hill (which is awesome!)
- A playground for younger children.
- Volleyball Courts
- playground; winter recreation trails
- support skate park
- Rugby pitch!
- I'd like to see at least one additional rink. Waterbury could become the premier ice sport destination if we wanted to. In addition to hockey and figure skating it would be great to offer curling, Broomball, and speed skating. Let's provide our community more recreational opportunities!
- More developed picnic/walking areas. Restrooms would be nice.
- fishing access
- Skate Park
- picnic areas, seating
- RIVER DECK/PLATFORM, ACCESSIBLE FACILITIES
- accessible bathrooms
- Trails and outdoor seating
- FISHING ACCESS

WHAT NEW PROGRAM WOULD YOU LIKE TO SEE HAPPEN AT THE ICE CENTER AREA?

- Summer recreation skate camps Summer recreation camp hub for kids everywhere Summer rec' Mnt. Biking camp hub
- Unsure
- I support the town expanding the skate park and salute that group for jump starting this larger conversation.
- None
- Summer camp
- Disc Golf
- Indoor soccer
- Concerts
- It would be great to add skateboarding lessons to options for kids!
- It would be great to encourage talented graffiti artists to paint the inside of the tunnel. The new solar powered lights would allow people to enjoy great art in a unique setting
- More opportunities for skating lessons for all ages
- Indoor field house facility
- Disc golf? Is there space?
- None
- Intro or beginner skate times
- But, what about the natural resources considered for Hope Davey Park?
- More family skates
- Public art
- Recreation Center for families
- A decent store for snacks, water and for sure public restrooms.

- Games, events, public stuff
- Volley ball would be amazing to have.
- Rec soccer
- Tracked XC ski trail would be great
- I want to play or use the ice but I feel a barrier, like it's a world I am not part of and don't know enough about.
- Maybe a youth skate camp
- Ice hockey training camps with supportive outdoor facilities.
- Roller sports for youth
- None
- Broomhockey
- Adult fitness class
- Open Skate
- Roller hockey outdoor
- Skateboard classes through the rec program
- I think the pump track is great, would be nice to keep expanding that, and support the work of WATA to keep building more and better bike trails on Perry Hill. Maybe we could add a nice beginner MTB loop to the park.
- picnic tables and a pavillion would be nice additions
- As mentioned before, it would be amazing to have a paved running/biking trail in Waterbury, like in Stowe.
- Nature programs
- Out door theater type area, w/seating, for out door plays, concerts.
- Get the school involved in ice skating.
- Children's nature programs
- Skateboard camps for the youth.
- Not sure
- Mountain bike kids camps
- More open skate sessions.
- SKATEPARK
- Skatepark camps
- Skatepark
- Public skating?
- Skate park
- Skateboard lessons for the new Skate park! With Wheels around Waterbury retired, a new kids mountain bike program would be awesome, specifically for the more novice riders.
- Maybe volley ball
- Skatepark
- Historic site interpretation
- Indoor pool!
- I wish there was better youth skate programming. With the merger of the hockey program this year, I think it is difficult for families with young kids to drive to other rinks. Would be amazing if there was a rock climbing wall in the ice center indoor soccer.
- Skateboard programs
- Kids nature playground
- I would love to see a "share the trail" program that would allow hikers and dog to enjoy the trails without worrying about collisions. While the dog park is nice to have, it's not optimal to exercise dogs in a small fenced area that sometimes causes issues with other dogs who are territorial. I would love to see a space that would allow our dogs to run as free as a mountain biker does when they're bombing down the trail. Share the trail programs are incredibly successful nationwide, especially out west. It's a pretty simple concept. Hiking/biking trails are to be designated off-leash on odd days and on-leash on even days. This eliminates the off leash dog interactions with mountain bikers while allowing both parties to enjoy the trails. Odd days are dogs days and even days are mountain biker days. It's a win win situation
- the skate park seems like a good addition
- Curling
- farmers market / craft fair
- Children's skating lessons ages 2
- Outdoor yoga classes.
- xc skiing snow shoeing
- Nature walk/trail.
- Speed skating and curling
- No Opinion
- zipline
- Ecology/River Study
- nature exploration for families with young kids
- NATURE TRAILS INTO OLD WOODLANDS, YOUTH NATURE PROGRAMS
- all inclusive nature programming, talks by state experts, musical programs in the good weather out by the river
- community programs that bring all ages to the park
- outside events all ages
- Community programs for everybody

WHAT NEW EVENTS WOULD YOU LIKE TO SEE TAKE PLACE AT THE ICE CENTER AREA?

- Community nights - free skate to get individuals and families into the center/ on property to consider new recreation opportunities/ make them accessible.
- Indoor soccer space Outdoor ice rink for winter public skating with lights and quality ice surface
- Unsure
- Music pavilion and other larger social events.
- Kids bike events.
- None
- more tournaments and events
- Community events
- Oktoberfest
- I would like to see large events like craft fairs, Octoberfests, athletic tournaments, brew-fests mtn bike festivals. Waterbury is the gateway to adventure.
- Community gatherings
- Multi purpose field house for teens
- N/A
- None
- A climbing wall, indoor rec center
- Whoa! So, we can consider more human activity and impact here, but not at Hope Davey Park? Who wrote this survey anyway?
- Highschool
- Concerts?!
- The current events are sufficient and we already have empty or other areas not being used in town take some thought on how to do planning all over the town. The road to the ice center can be quite busy and dangerous when the town is hauling material.
- Games, events public stuff
- Concerts/events family oriented activity days
- It would be nice if the gravel grinder and other things like it started and ended there instead of going through the railroad st/Stowe st/Union st neighborhoods to and from pilgrim Park
- I don't know what you offer now. Even tho I like ice skating I know nothing about you :-/
- food trucks, evening gatherings
- None
- Skateboard events as well as mountain biking events.
- River access would be really cool! For swimming etc. Right now there is a beaten path that people take - not ideal.
- Fishing lessons
- Archery range, specific fishing & canoe access
- Bike fests
- Concerts
- concerts?
- Skateboard events with professional athletes.
- Not sure
- Skateboard events.
- collegiate hockey game(s).
- SKATEPARK
- Skateboard events
- Concerts, arts and craft shows, special events like agility training for dogs, children's summer camp, music events, food events
- Bigger events
- Skatepark
- Mountain bike specific events
- Something to draw more kids
- Skatepark river access
- Skatepark Jams, bike clubs for Perry hill trails
- More Learn to Skate, and community events (skate with Santa, Trick or Skate, 80's night, ect). Even open use (for a fee), like birthday parties, etc. Would be amazing if there was a rock climbing wall in the ice center indoor soccer.
- Skateboard events
- volleyball tournaments winterfest party
- Community trash pickup event
- not sure but planning events there would make the bathrooms even more important!
- Curling
- outdoor music/concerts with area food trucks
- Sports tournaments
- A town tournament. Either in the rink or on a couple outdoor rinks (flooded

fields). Food trucks, beer tent, fans... great opportunity to bring the hockey community together and raise funds for the rink.

- No Opinion
- river programs
- skate park events
- SOMMUNITY WIDE RECREATION EVENTS, SPECIAL EVENTS LIKE SKATE PARK EXHIBITIONS, FISHING TOURNAMENTS FOR KIDS
- concerts, foodie events open to the community, multicultural events including a large multicultural/ethnic food celebration yearly
- music, food trucks, lots of culture, fun for all ages and abilities
- ethnic festivals with music

CLICK ON THE MAP OF THE ICE CENTER BELOW IN THE APPROPRIATE LOCATION TO IDENTIFY THE FOLLOWING: WHAT ARE YOUR FAVORITE AREAS OF THE PARK?

- WATA Trail nights are a great program that I would love to see expand to building new trails in the fields for walkers, runners and cyclists.
- Dog park is fantastic and an absolute MUST!
- Easier water access needed
- Favorite place -- BUT also in need for expansion. This is a pump track, and we need a trail around the whole area with a skills course. Reference behind Richmond Elementary school.
- fun!
- Future skateboard park
- Great for kids
- Great potential for skatepark location Also great location for outdoor public hockey rink with night lights
- Hands down - Perry Hill and Pump Track for our fam!
- i often use the trails at perry hill for running and biking
- I walk my dogs thru here, find fiddleheads.
- Ice center
- ice skating
- Kids love the pump track. Should there be a kids area?
- Love the pump track!
- Mountain bike trail access
- My some loves playing soccer here and it's a great place to watch, even without bleachers.
- My son mountain bikes here
- Needs addtional rec - rock climbing, indoor soccer, more community events (skate w/ santa, etc).
- nice to have place to take dog off leash
- Parking for trail access
- Perry Hill Biking is a summer staple
- Perry Hill trails and pump track
- Pump track - fun for all ages
- river access
- skatepark
- The mountain bike trails at Perry Hill are fantastic. They are some of the best in the state and a key reason why I moved to Waterbury! The parking lots and pump track could better support access to those trails then they do now (e.g., adding bathrooms and changing areas, and ideally adding some more beginner friendly trails)
- The pump track and Perry Hill trails are some of the best biking and trails in the state. They bring visitors from states across the country to ride Perry Hill. The pump track is a great warm up and a big hit with kids.
- The pump track is very popular with kids and families - WATA built it, but struggles with maintenance as it requires mowing / weed wacking on a regular basis. Incorporating Town-led maintenance here would be great. Also, is there really a wetland there? And if so, it's a Class III - no way it's big enough to be a Class II.
- This rink has endless opportunities if people would think about it not just being the Ice Center.
- Would be nice to have some wooded areas to walk w/ dogs.

CLICK ON THE MAP OF THE ICE CENTER BELOW IN THE APPROPRIATE LOCATION TO IDENTIFY THE FOLLOWING: WHAT FACILITIES OR TRAILS ARE IN NEED OF REPAIR OR IMPROVEMENT?

- Better parking, add in a bike progression park
- Add loop path
- Archeological site needs signage and designation (or elimination).
- expand parking
- expand river access
- Great place for the town to store stuff, but maybe some landscaping to conceal it some??
- Great, but informal, river access. If this were formalized, it would be a great public amenity.
- I think that this parking lot is rough...
- If this area is designated by Section 106 as a historic site, either it needs to be documented and incorporated as a featured amenity or it needs to go away. Preserving old homestead remnants for the sake of preserving them with no vision for use or enjoyment is relatively pointless here and fairly obstructive to future use. We have enough old cellar holes in Vermont. Take some photos, put up a sign, and then let the public actually use public space instead of preserving some old rocks and letting trees grow up through them.
- Narrow Entrance needs to be improved to include bike and pedestrian access.
- Need more (and better laid out) parking
- Parking for Perry Hill is always busy and kind of a disaster.
- Parking lots for Perry hill needs improvements
- Perfect for a skate park
- River access is a unique natural feature. Can a beach area be added to make this a favorite place?
- River Road should never have been built with this strange curve. It should follow the park border along the edge of the railroad.
- The informal parking area for the bike trails is inadequate for the amount of parking occurring there. WATA has tried in the past to create a trail from the Ice Arena to the trailhead. It's not that hard, after all, to ride a bike from the Ice Arena parking to the trailhead. Or, the parking area needs to be formalized and expanded.
- the parking lot across the street from the trail head is a mess.
- The road alignment here is so ad-hoc. It's an old tractor path. Re-align the road along the water/sewer line and gain more useable space.

WHAT WORD OR PHRASE BEST DESCRIBES YOUR EXISTING EXPERIENCE WITH THE ICE CENTER AREA?

- Trail nights and pump track.
- Community events, sports
- Potential to expand diverse recreation assets
- Good
- Biking, hockey.
- Biking
- Lackluster.
- Perry Hill mountain bike trails are some of the best I've ever ridden and we ride there about once or twice a week. I travel there from Colchester as much as I can.
- Gratitude
- Mtb trailhead
- parking for Perry Hill trail access
- Parking
- Unsafe with speed and volume of traffic
- Access Perry Hill trails and use surrounding area to walk/job
- good
- Access to great bike trails on a quiet road.
- Under utilized and untapped potential
- Boring
- Proud to have a decent ice rink in our town.
- proud of what our little town can do
- I don't go there
- Economic driver for the town
- Visited for school functions, open skate and public events held there.
- The pump track is nice for the kids. As are the soccer fields for Capitol soccer
- Don't really use it
- Under used
- Fun times
- Forgotten
- Biased. This survey is BIASED!
- Ice skating, hockey games, bike trails and the occasional visit to the dog park
- Quality soccer field.
- We go for the dog park occasionally.
- Pump track
- Nada
- On varsity hockey game nights parking can be an issue. The bikers need to be a bit more road courteous since the road can be busy between bikers, walkers and town trucks. MOVE OVER
- Love the rink! Brings lots of people into Waterbury
- Dog park and biking
- Hockey games, parking for fishing access
- Sports with my family
- Great biking!
- Infrequent use
- There's nothing for me there.
- Nice!
- Don't know anything about what goes on behind the doors. You're all too cool for me.
- Outdoor enthusiast
- Underdeveloped.
- i don't think of it as the "ice center area" i think of it as the perry hill area
- Trail access - occasional river access.
- A starting point for recreation
- Bike trails
- Community resource
- Trail running
- Fun biking
- Geared towards upper income
- Bikes and river floats
- Nice place to watch a hockey match
- Love the area
- Ice skating and dog park
- Used for walking
- Currently use it for hockey and accessing Perry Hill trails.
- Dog park!
- Usually biking or walking at Perry Hill.
- Just ok. I mostly use the parking area to access Perry Hill for hiking.
- Biking
- ambivalent
- Not of use to me according to my interests
- Dog park needs Town-funded management.
- I didn't know there was one
- Stinky dog park
- LOVE the Dog Park
- Using it mainly for mtn biking access.
- The only attraction is perry hill for mountain biking.
- Fun
- Mountain bike areas and the ice rink are great. Nothing else seems very used.
- "sure would be nice if there was a skatepark here"
- Pleasant

- Just adequate.
- Most active with dog park. The surrounding trees nearest to the river are being overtaken by vines that are killing the trees. Figuring out a way to make access to the riverfront more accessible and beautiful would be a great asset.
- Access to Perry hill
- Not much
- Good
- Unused opportunity
- Walk there several times a week as exercise.
- Love the mountain biking access
- Under-developed potential multi-use recreational outdoor areas.
- Love the dog park
- Haven't been in a while
- Limited
- My bike, pump track, soccer camp, summer snow ball fights
- Dog park is great
- Little
- I don't come here often
- Leaving it as is! Too many wants that our taxes can't support'
- dog park
- OK - we love the pump track, perry hill trails, and ice center. There is SO MUCH potential with this space to benefit Waterbury though!!!!
- I often go there for access for mountain biking and the pump track.
- Not much going on beside Perry hill area.
- not really used
- Very good
- Recreational
- lacluster
- open
- Soccer
- year-round enjoyment
- isolated
- Lots of potential
- Out of the way
- community
- I have enjoyed playing volleyball there
- trails!
- Don't use it.
- going to the pump track with my kids; soccer camp; biking and hiking on the trails
- Mediocre
- Not often used.
- untapped potential
- Limited
- enjoyable but limited
- UNEXPLORED TOWN ASSET
- neglected undervalued town asset
- limited
- neglected special interest park
- Limited

WHAT WORD OR PHRASE BEST DESCRIBES YOUR DESIRED FUTURE WITH THE ICE CENTER AREA?

- Community Trails
- Community events, sports
- Next generation recreation to offer new options
- More recreational opportunities
- More biking! Cross country skiing, fat biking
- Xc skiing/walking trails
- Pleasant
- Cohesive
- traffic calming to prevent cars from speeding past the perry hill parking area to the ice center
- Keep it simple
- Welcoming
- Expanded parking and restrooms facilities if we do expand usage.
- great
- More access/parking
- A regional draw for a wide range of users of all ages and abilities.
- Family oriented
- Great potential for added recreation.
- growth, I would love to see the fields full every weekend with sports and entertainment
- I would go there weekly to skateboard. I live in Warren
- A location for getting out and gathering.
- Continued economic driver
- I would like to continue skating
- Same as above
- Hopeful for new opportunities to meet more teen needs
- More fun times
- Community hot spot
- FAIR. I want an unbiased and fairly written survey and consideration of our recreational areas.
- Really would love a community fundraising event for an indoor rec center.
- More soccer and skate park.
- Keep the dog park, add as much as we can afford.
- More family outdoor options
- A place to run and play
- Cooperation between all users would solve 90% of the issues. Act 250 will not allow a sign on the exterior of the Ice Center and the tiny sign at the end of the road you can't see. People come from all over NE and if you type in River Road it sends you to back side of Winooski.
- Full public park experience with events, skatepark, expanded trails and the dog park and biking.
- Community hub
- Expanded sports with my family
- Full scope of activities
- Frequent use
- Something that appeals to a broader percentage of residents
- Expand outdoor Rec.
- Maybe I'd like to play on a women's hockey team.
- Family Friendly All Inclusive
- Ice Hockey, Mountain Bike, Skate Park, Soccer fields RECREATION DESTINATION.
- Better Trail Access for All
- A hub of diverse recreation
- Biking
- More benefits for community, outdoor pavilion, activity and gathering spot
- Avid skatepark user
- New trails
- Disc golf
- Fun biking
- Access for all
- Open Skate
- More seating
- Ice skating and dog park
- Skateboard park and perhaps new trails along the river.
- Town help with dog park maintenance
- I am a little concerned with the idea for a skate park. I am not opposed, I just think it is a difficult spot being outside of any neighborhood and could lead to trouble given the lack of passers by keeping things civil. A place more in town would be better I think, but of course not really an option I am aware of.
- Could be a lot better.
- biking
- More engaged with river access and running trails

- Nature trails
- More volunteers for Dog Park
- Sport area!
- Sweet Concert!
- Skatepark!
- Destination skate park - bike park
- Even more fun!
- Concrete skatepark, and expanded mountain biking/pump tracks
- “sure would be nice if there was a skatepark here”
- Skatepark!
- Expand.
- The entire area could be upgraded to provide a more beautiful outdoor space for public events. Maintenance and upkeep will be a major concern with any improvements made. 100% volunteer -run is not the best approach.
- Skatepark, more bike skills area
- More event s
- Bring back dirt jumps for bikes
- Skatepark/playground
- A sidewalk or committed pedestrian lane on River Road.
- Year round mountain biking
- Well position family / public use area with access to biking, skating, river, and field recreation.
- The children need it
- Keep it simple
- A picnic Pavilion and park would be huge.
- Stay as is!
- dog park
- ACTIVE COMMUNITY PROGRESSION
- Beginner mountain bike trail that travels the perimeter of the area.
- Skatepark
- A new Skatepark
- recreation hub
- Better facilities
- Variety of sports and community spaces for downtown Waterbury
- Inclusive
- busy
- I need to get there more often
- out of the way
- Waterbury center of recreation
- more family events/activities
- Great place for river access
- Bike-kick-skate
- When kids get bigger, will prob use the ice center, bike trials and soccer fields.
- having a playground, more maintained pump track
- Exciting and varied
- Less isolated....
- all inclusive activities
- Nature Access and Protection
- More community oriented with nature options
- ALL AGE ALL ABILITY ALL BELIEFS INCLUSIVE COMMUNITY DESTINATION
- vitality, cultural multiethnic go to space with food, music, all welcoming inclusive for special needs and immigran/refugee populations
- community area
- inclusive community asset
- Enjoy the area

THIS PARK NEEDS A NAME! WHAT WOULD YOU LIKE THIS PARK TO BE CALLED?

- The People's Park
- River Bend Park, Riverside Park,
- Winooski Way
- Riverside park
- Perry Hill Park
- river front cemetery
- River Road Rec Center
- Perry Hill Park!
- Should be named through a contest of submissions from kids in our community
- Center Community Park
- Waterbury park
- "woodard memorial park" Steve Woodard was a long time community member, coach, friend and role model. He helped build the ice center.
- The Bend Rec Area
- Putnam
- Need to think on that one! Something to incorporate Perry Hill would be nice
- Ice Center Park
- Center Chains Park
- Harwood Union sports center (HUSC)
- River Bend Recreation Center
- N/a
- Ken Squier Park
- River View Recreation Area
- Let's NOT name it after another white man.
- Winooski meadows
- Winooski River Park
- Something that honors historic use
- Riverside Community Park
- Steve Woodard
- Something not recognizing old white men.
- Cross Roads Park
- 1. Name it for the Archeological Site Designation.
- Perry Hill Park
- Perry Hill Park
- Something related to an Abenaki place name there or nearby.
- Perry hill park
- Waterbury Community Park
- Riverside Park
- Waterbury enrichment center
- The Ice Center Fields
- South End Recreational Park
- Riverbend Recreation Center
- Waterbury Area Multi-Use Park, Shepeluk Park
- I got nothin'
- Perry Hill Town Park
- Sweetgrass Park
- Waterbury recreation park
- River Park
- Winooski Bend
- The Icey River Park
- Waterbury Adventure Park
- Waterbury Adventure Park
- RiverRail Park?
- Waterbury Community fun park
- Perry Hill Park
- Waterbury Skatepark
- Riverside Park.
- Riverside Public Park, Crossroads
- South end
- Perry Hill Park
- Perry Hill Recreation Area
- Hootersville rink
- River Side Park
- Winooski river park, perry hill park,
- Icy Parker park
- Waste of tax \$
- Riverside Recreation, Green Mountain Recreation Area (GMRA), Waterbury Progression Park, Waterbury Recreation Ground, Mountain River Park, Mountain Meadows (I have more, lol)
- River Run Recreation Park
- Riverside Park
- Waterbury Recreation Crossroads Park
- Perry Hill Community Park
- Access Park
- Knot weed park
- Ice Center Park
- Waterbury Community Park
- The Stomping Ground
- merry perry park; waterperry park
- James Marsh Park
- Highlander Park
- something related to farming history
- Waterbury South Park
- Riverfront Recreational Park
- STEVE WOODARD (STARTED ICE RINK)
- Waterbury welcome park
- Community Park
- not water bury park
- Riverfront Park

THIS PARK NEEDS A NAME! WHAT WOULD YOU LIKE THIS PARK TO BE CALLED?

- The diversity of users to this area- trails, dog park, ice rink, etc.
 - The River Recreation Hub Park The Park on south Main Community Park Space
 - River access, trail access, skate park, etc
 - Mountain biking
 - Natural connectivity, public access recreation
 - If there is a group or person we can honor I support naming it after them (I didn't suggest that above as I don't know of specific folks).
 - Perry Hill trails
 - Natural Surroundings or historical significance
 - Activity and community...this is a park that can truly bring everyone together from the 8 year old skateboarder whose older siblings are playing soccer/hockey to the aggressive mountain biker from Quebec to the 80 year old with a dog who needs to play.
 - Updated parking
 - the hockey community that made it possible to build the ice center at the center of this park.
 - Recreation Area
 - Make a connection to the State Forest and all that it does to drive traffic into town
 - This is one of the oldest and respected disc golf courses in the state however a great place to recreate for hikers and walkers. Let's share this park but focus on the immeasurable tourism it brings to Waterbury.
 - Ice center, field house facility
 - Neighbor moving onto a different obsession
 - Mountain biking and fitness
 - Honoring the roots of land in Waterbury. Maybe looking at indigenous roots.
 - River access
 - Community Recreation
 - Trails and playground
 - Ice center and perry hill trails
 - Location, history, local significance
 - Nature/community/locality
 - Natural resources
 - Historical reference
 - That it's for recreation and community.
 - The Ice center. Steve Woodard was a major force in bringing the ice center to reality!
- He was also the town veterinarian for all critters (cows to cats and dogs) He was liked by all !!!
- It's breadth of service to the community
 - Highlight the mysterious Archeological site. Highlight the Multiple Recreation Facilities
 - That it accesses Perry Hill and its trails which is one of the largest draws to this park, locally, regionally, and internationally (the number of Canadians who ride these trails is kinda staggering...)
 - Geographic location and the activities it includes
 - Local Indigenous history
 - Varied activities available there
 - Waterbury. We tend to shy away from using Waterbury in names and I don't know why. Community collaboration needs to acknowledge the community. The community will take more ownership when they feel like it's theirs.
 - Not sure
 - Include the ice rink in the name
 - The location
 - Multiple uses and spaces History of the land Nearby cemetery
 - Be consistent with what most people know.
 - The name of this park should highlight the indigenous people and ways of life that existed before colonization. This could be by naming it after plantlife they cultivated here or other uses of this land by indigenous people. Or perhaps an Abenaki or indigenous word. This would be a way to shift the way we think about land use. Sweetgrass is a sacred plant. It could be planted at the park. It's said to be the hair of mother earth, when you braid it, it represents a connection to nature, peace, and connection. I looked it up and there is a "Sweetgrass Park" in Ontario, Canada.
 - Native American (Abenaki) heritage/ ancestral lands
 - Access to the river via trails
 - More access to water or mtn biking - I guess.
 - Adventure
 - adventure, fun, family, water

- The Winooski River and surrounding mountains.
- The shared love and respect for the outdoors and all of it's activities.
- concrete skatepark
- See above answer. Least offensive.
- Keep it simple and easy to remember. Do not name it after a person or make it an acronym.
- Location, existing uses
- Mountain biking
- Winooski Crossing
- Some that the children like
- Location
- I think the name should represent the landscape, verses a specific activity. Open to all - with a primary focus on recreation and location.
- Biking
- Mountains and rivers.
- public recreation
- influential people of waterbury
- River and Recreation
- history, natural setting
- the name should somehow reflect that there's lots happening here - ice, soccer, bikes, dogs, skateboards someday, the river ... how about something that plays off the long-used "Crossroads" moniker for Waterbury?
- accessibility? ha.
- Slashing through the knot weed to find my Frisbee
- Already established landmark
- Skate park
- Multisport
- fun outdoor recreation for everyone
- I just decided the honoring the founder of Waterbury sounds like a great idea
- Keep it local and vague
- town history
- History and Nature
- Recreation options, river and nature.
- REMEMBER LOCAL HISTORY AND THOSE THAT CAME BEFORE.....
- inclusion, acceptance, welcome, non judgement.....no hate and no divisiveness or room for controversy in name selection
- community, inclusiveness
- local families

GENERAL COMMENTS

- I believe that outdoor recreation is very important and any resources we can put into developing the spaces should be prioritized. Additionally I think we should be considering the ease of accessibility of the spaces not only from town to the park but accessibility of the activities within the parks for folks of varying abilities.
- The skatepark regulars want to preserve the Hope Davey park space and rebuild the same ramps. The disc golf is extremely popular and their space can easily be shared and optimized to welcome other users/walkers...while taking into consideration responsible forestry management.
- Our parks are a significant draw to our area and should be used to capitalize commerce in the area
- Just a note that Perry Hill is such a gem to the mountain bike community, here in town and throughout the region (country, even!) Please keep its value in mind when developing additional resources in this neck of town ☒
- Thank you Waterbury !
- Please retain use of the Perry Hill trails as they are some of the best mountain biking anywhere!
- Thanks for doing this important work!
- Please check this out!! We have a massive opportunity to create something for all families in Vermont and creatd life long bike lovers of all shapes, sizes, ages...<https://velosolutions.com/skills-bike-features/>
- Both parks are great assets for our town. They keep people in our town proud of our parks. Waterbury is known as a recreational destination greatly due to these 2 town parks.

- Please keep the use of non-cyclists in-mind.
- Put some money aside for equipment to maintain ski trails
- The skatepark is a huge opportunity to stand out in the region and bring more people to town and the location is so convenient to 89. Perfect complement to the traditional hockey/soccer offering and the already renowned mnt biking.
- Thx for organizing, maintaining & continually tweaking the vision for making our town even better!
- waterbury is the gateway to adventure with access to Stowe and the mad river valley all coming from our interstate exit. lets expand upon that notion. continue to build and expand the disc golfing at Hope Davey. It used to be the #1 course in the state worthy of holding national tournaments. Where you would go to play alongside amazing players and occasionally see a pro. it was somewhere ei wanted to bring friends and show off when they visited from out of town. like "hey check out this amazing course that is free to play and gorgeous right in my hometown". The course was an inclusive community that drew folks from all over the state to play and to come out for work days. Now it feels like we are being watched every time we play. I don't feel welcome to hang out and watch others play the course. I used to sit on benches and talk to players about what disc I should be using, where they are from, what brought them to waterbury. then the benches were removed and the grass wasn't mowed, and people stopped coming to from around the state to play. I feel I have to play my game a leave. I hope this helps, I am an avid disc golfer and it would be a terrible loss if waterbury did not right the ship at center chains. You have something that was built by the community that could be a valuable resource for the community. At the end of the day, do the right thing waterbury. as for the ice center park, I am up for everything you want to do there. Use the space, improve waterbury. I would love to see it called "woodard memorial park" in honor of Steve woodard.
- This is a beautiful disc golf coarse that has existed for over 20 years. This disc golf coarse has made concessions to the neighbors every time they have asked. This started with hole 8 almost 20 years ago. The disc golf community has been made to look like the aggressor by certain neighbors in the last year, this couldn't be more wrong. There is a certain neighbor who has made it there mission to destroy this park by instigating and harrassing golfers. They sit on the coarse and laugh at there bad throws and take notes. This certain resident has gona as far as joining the committee reviewing this. They have also joined and monitor the Facebook groups dedicated to the sport they are against. This is intimidation! And while it may not seem as much to some, with the evidence collected by myself and others it will show different to a judge. I urge the commity to understand the road they are heading down before it is too late and not let the few out weigh the many!
- I'm highly optimistic about a mixed use hope Davey park. There are a couple core principles that I think can be achieved: 1) walkers and golfers can coexist in the park safely 2) appropriate border and buffer to private property is feasible 3) safety of park users can be prioritized (by limiting number and breadth of golf holes) The goal should be: a safe, responsible, and sustained mixed use park for the benefit of visitors, residents, and the town itself.
- Disc golf course is great for the community and local economy
- The disc golf course if we'll maintained and always run into wonderful people
- Center Chains disc golf is an iconic destination for vermont disc golfers. This course brings in money to local buisness including local food and waterbury mt.sports. what a great place!
- I just want the golf course to continue to exist with no more changes based on outside property
- Both areas are important components to Waterbury. The trails at Perry Hill are a massive economic boom for the local businesses and we should be supporting them as much as possible. The skate park gets a lot of use when it is not in disrepair. Giving kids who are not team sport focused an outlet is important.

- Love this collaborative effort to involve the community! Thank you...
- I like the way both are being used generally
- Continued access to disc golf at Hope Davey is very important to me and many in the community. I believe any plans to eliminate this activity should be put to a vote by members of the community and not be something that a few surrounding home owners decide for this public space
- Disc golf should remain at hope Davy Indoor field house should be at the ice center
- One resident is a really negative influence on Waterbury recreation.
- I've been playing disc golf at Hope Dave's Park since the course went in the ground. It's where I learned to play. Before the course went in, the park was hardly ever used. I still hardly ever see other park users there with the exception of dog walkers who live in the neighborhood—and almost never leash their dogs.
- Disc golf needs to stay in waterbury
- I think it's important to balance all the uses at hope Davey. There is room and ways for everyone to coexist. The ice center needs promotion and vitality, there is potential for all the open areas to be used more but other than a hokey game the place is deserted
- My concerns are with what an incredibly confusing leading "survey" this was.
- Na
- Center chains is a resource that should be protected.
- Please don't allow us to lose the disc golf course due to a vocal minority.
- We frequent Hope Davey a lot with little kids and love having the space and it seems like it has a lot of potential for more kid and family friendly features but also more nature trails!
- This survey was very leading to encourage support of natural resources and not necessarily and bias against activities at Hope Davey Park
- Hope Davey the neighbours who purchased properties near the disc golf property knew they course was there. The one gentleman who is constantly complaining needs to find something else to do. His harassment of people is ridiculous.
- As village residents we would love to have an expanded park space.
- A vocal minority (new community members buying adjacent property and wanting to use public parks like their private land) has been a pain in the side and actively fighting the disc golf. The introduction of disc golf was a huge gain for Waterbury, I know, I was 18 when it opened, and it gave bored teenagers a place to go and be active in a positive way. It's no secret that drug and alcohol abuse among kids/teens is significant in our area, providing free, accessible, and wanted outlets like this is a no brainer. A neighbor who moves in, doesn't post their property, but verbally assaults kids who accidentally throw a disc near their property lines (which are unmarked, open, and unposted, thus they're literally just being a jerk) is not something that should be tolerated in our community. The fact that rather than educating this neighbor on existing laws and the meaning of community, the town seems to be slowly moving in the direction of acquiescing to donate public lands as private backyard to this(these?) individual(s?). Waterbury is a vibrant town with amazing public resources, and historically a great sense of pride/community. It is not an Airbnb hub for Stowe, a bedroom community for those working in Burlington.
- Please do not have a few home owners ruin all the recreation that takes place at Hope Davey. It is a gem in our town and draws people here.
- I feel the biggest need is to have a covered area for sports and activities. Summer is beautiful, but we have long winters and wet springs - we need a dry place to play
- The very inappropriate behavior of some disc golf course users is being downplayed or unknown by many. Or seen as biased by those involved. Monitoring heavily for awhile might bring attention to the bad behavior of some and curtail it. I'd hate to see that use go but I feel for the adjoining property owners. The parking nightmare for rec soccer at Hope Davey could be alleviated with increased use of ice center field(s). Looking forward to that rec program get support as so many community families are part of it.

- Hope Davey is a precious community resource. It should support multi use and not just cater to disc golf. The nature trail that allows horses is a must for safety.
- The explosion of popularity of mtn biking and disc golf has put Waterbury back on the spotlight of truly being (Vermont's Recreation Cross Roads) These draw ALOT of enthusiasts to our great town for play/stay/food/drink\$\$\$\$\$ We need to keep the visitors looking forward to their next visit.
- Keep the disc golf park, it's legendary. Make it better, don't ditch it. In fact, celebrate it.
- Both of these parks provide tremendous opportunities for planning. Hope Davey needs planning to better accomodate the impactful CURRENT multiple uses to protect access and the environment. The Ice Center Area needs planning to accomodate FUTURE multiple use and recreation development. Both parks provide bike path development opportunities.
- you didn't really ask what improvements can be made to existing infrastructure -- with some many recreators using the area, speed really needs to get under control. There are people pulling in and out of the parking lot, kids, dogs, people crossing the street and there is nothing happening about the speeding to the ice rink.
- I hope that the conflicts between the disc golfers and the rest of the park users can be resolved without eliminating either group. I hope that there can be a wholesale reimagining of the Ice Arena Area (Perry Hill Park!) that incorporates better and safer parking for the trailhead access area, re-aligns the road to allow for more uses, and that historic preservation of old musty rocks doesn't stand in the way of actually using a resource.
- Incorporate into town management - maintenance (emptying trash), equipment, etc.
- Thanks for doing this!
- Great area for the community. Should be preserved and improved where needed to continue to provide safe spaces for outdoor activities and community use
- I hope there can be a way for the landowners that are feeling poorly about disc golf to understand/accept its existence
- Please keep the disc golf course. There are so many people that use and enjoy the course. It brings revenue to the local community. This course means alot.
- Full sized basketball court at Hope Davey, please!!
- Hope Dave concerns are adequate parking, which presently will the uses, it appears it does not have.
- Thank you for helping us enhance our community's recreation options.
- Would hope the plan would ensure enjoyment of many sorts - including my priority for dogs - and not become too crowded with less natural beauty.
- So exciting to be considering these spaces. Let's try to get people to remember all the things the town can provide at Town Meeting when they vote on the budget!
- 1. Disc golf - There needs to be some management to address the concerns of the neighbors. I don't think this resource should go away, but the way some people behave is unacceptable. Look to see what other communities are doing. Perhaps a nominal fee to use should be adopted. A fee could pay for a ranger on busy days. We also need to know how many people are using the park from outside of Waterbury. Has anyone gone out to the course on a busy day and surveyed people? Waterbury should not be managing this resource for free if most of the users are not residents. Have you discussed these issues with the disc golf community? What are their ideas for policing and maintaining this resource? 2. Skate park - I think the proposed location is too far away from the village neighborhood. It's too far for younger kids to go there on their own. There is no sidewalk to keep kids off the road to the ice center. It's also too far from the "eyes and ears" of the community. If it's that far way and unsupervised, there will be a lot of bad behavior. It will be covered in graffiti in no time (look at the tunnel into Perry Hill). Seems to me that a better location would be the park near the pool. I think a skate park is a great idea - the neighborhood kids use it a lot at Hope Davey, but it's also located in the middle of the neighborhood.
- Ice Center Area is a great place for a new indoor all-season pool.

- Keeping the disc golf course is important. It's a big draw for the area, same as the Perry Hill bike trails are. It would be nice to see some dedicated Pickleball courts included in any recreation plan. It's one of the fastest growing sports around. Better defined parking for the Perry Hill bike trails would be nice. It's kind of a free for all and there is no reason bikers can't ride a little bit to get to the trails.
- I am curious of various providers' cell phone coverage at both locations.
- There are very few outdoor roller skating areas in Vermont and zero indoor areas. It would be amazing to have a covered pavilion which could also be used for roller skating community groups.
- A lot of attention has always been focused on Hope Davey and much less on the Ice Center Area. About time some definitive plans are made for the Ice Center.
- Volleyball courts are definitely needed!
- Waterbury has very little access for people that use wheelchairs or walkers, parking for handicapped parking should be increased.
- I know Hope Davey Park is small but I would love to see more diverse athletic areas available. Creating an overlap of the baseball fields with Volleyball Courts and/or Soccer fields would bring in additional activities to the area and potential kids summer programs.
- Hope Davey provides for many recreational uses and is highly visited. Setting aside the portion near Thatcher Brook from heavier use like disc golf would be beneficial to wildlife. A minimum of 300 ft from the stream would be appropriate.
- Very excited at the thought of a new skatepark. Having a skatepark in Waterbury will be a valuable asset to the community and visitors. Skateboarding is an Olympic sport now! Not just a hobby.
- Really excited to see the future of this park, a good skatepark will add so much creativity and bring a diverse amount of visitors to the waterbury area and businesses!
- the current skatepark is beloved by many in the community, but it is nearly beyond repair. it must be replaced in order to maintain this valuable resource which has become part of the town's vibrant identity.
- Please fix/rebuild the skatepark. It provides much needed outdoor recreation time and skate tourism to the area.
- I know people want Hope Davey to remain a quiet little spot, but as the area continues to grow it is destined to be a well loved and used recreation center, and I think the park should be planned and cared for to accommodate that recreational demand.
- Terrain Park
- A concrete skatepark will create a thriving community of young and old people. And a very encouraging uplifting recreational space.
- recreate old skatepark, but in concrete
- None at this time.
- A skatepark is a really terrific addition to be inclusive of youth through adult activities and is too often overlooked in our state
- Please add a skatepark and or bike park/ pump track or jumps. It really helps build a scene for the youth of town and its no coincidence that the towns with the best parks produce talented professionals in these sports.
- As someone who loves disc golf and skateboarding this has been a staple spot of mine for the past 10 years. Not only would an improved parking lot be great, but having seen how skateparks like A-Dog gives opportunities for all ages to enjoy an outdoor activity I think a new park would be an excellent addition!
- I think that it's important to keep and maintain the frisbee golf course at hope davey. This was a place I came over a decade ago before I even became a Waterbury resident. It's a beautiful environment and gives people (and children) a safe environment to be outside, to recreate, and to see some of the natural beauty Waterbury center has to offer. The soccer

fields are great. And having a playground and skate park again is a wonderful way to build community and provide safe places for our children.

- Will the town ultimately be able to vote on the final decision as to the use of the park?
- Good start on both of these areas compared to 20 or so years ago. Hooray for that. No hockey players in my family so Ice Center on its own is not interesting.
- I don't use ice much but do Hope, keep it clean. I would love to see money put into the pool! It's deducting, in disarrayed, needs up grades badly
- Provide good parking
- How much does Capital Soccer, a for profit organization, pay for usage? Why does CSC think they only have the rights to the space?
- Disc golf is a wonderful sport. It is a great way to get outside and get some exercise. It is very accessible and can be enjoyed by anyone. There are many places to get outside to enjoy nature in VT. There are very few places to play disc golf. Removing the course from the park would be a terrible shame. I hope that it remains there for future generations to use and enjoy.
- Please build a skatepark the residents are in desperate need for one
- There is no shade at the moment, trees or a pavilion would make the areas closer to the ice rink very usable. People haul ass on the straightaway. Speed bumps would be great. A real kick ass playground would be awesome. My kids always want to go barre, Stowe, Richmond, Essex, Burlington for playgrounds.
- Please add a new skatepark. This town could really benefit from getting a safe place where kids can go hangout and be kids.
- No horses in either park. Frisbee golfing should go to a private property area away from houses and taxpayers!
- We need to watch how much local tax payer money we are committing. These parks have become a regional resource and Waterbury needs to seek support from communities whose residents enjoy our facilities. Our property taxes are going up and a steady clip and we need to align our desires with our means. Ways to increase donations, labor, and other ways of supporting our parks should be explored.
- This is exciting, and I would love to help where needed!
- Please build a new Skatepark. They are such an amazing place to help grow and inspire the youth. In my experience, when I was skating with older people (40-50 years old) I learned a lot about respect. For my skatepark, for my elders, and for others around me. The potential for lessons taught in persistence, respect, humility, and commitment are countless.
- having facilities that adult groups can organize around will increase use overall and for more than just kids and their teams (volleyball, disc golf, etc)
- Very psyched Waterbury is investing in the planning for these parks and is encouraging new activities and facilities. Communities with strong recreational programs are often very desirable places to live and visit.
- More skate ramps please. Concrete so it can endure winters and you only have to build once.
- Thank you for undertaking efforts to garner public input on the future of these special Waterbury places. Above all else, I would ask for consideration of the ecological integrity of these areas, even when that conflicts with current and/or potential issues.
- thank you for doing this!
- Beautiful natural areas. I hope to continue to have access to the park, ball fields, ice rink and an 18 hole disc golf course to bring my children to.
- Would love to see the skate park remain at Hope Davey! Would also like to see a improved trail system for walking. also less frisbee golf dogs. I don't like the idea of putting a skate park by the rink. I feel that this parcel is out of the way and exterior to the community which leads me to worry about rule enforcement and up keep.

- Living next to Hope Davey is great. Its one of the reasons I bought the house i did. The walking trails through the disc golf area are really nice to have. Everyone there is always really nice.
- The skate park at Hope Davey is unsafe (splinters, screws sticking out, etc) but still manages to draw a crowd. It either needs to be fixed or disassembled and a new one rebuilt in a larger location. Skate parks are such an important part of communities, especially for today's youth.
- Please consider a zipline (the kind designed for young kids) on the Hope Davey playground. Thank you for all your work to further develop these sites in sustainable ways.
- thank you for doing this
- The ice center area has one entrance/exit, so improved parking needs to be part of the plan.
- Rugby rugby rugby!! Currently the options in VT are few and far between.. Burlington, Stowe, Rutland/Black River, Brattleboro. It would be great for another area to have rugby options so more youth and learn about and enjoy this amazing sport!
- Both areas seem under utilized. Dog park area at Ice arena is isolated and uncomfortable to use when there is no one in sight!
- No way to get disabled folks, walkers, wheelchairs from bus to common areas
- Town needs to manage these parks and provide SAFE and ACCESSIBLE OPEN NATURAL SPACE. Special interest recreation groups cannot take over or assume ownership of Town Resources.
- Town lets these areas get really trashed and taken over by people from outside of Waterbury.
- FLOOD PLANNING.....THIS AREA WILL BE COMPLETELY SUBMERGED AGAIN, PROBABLY WITHIN THE NEXT 5 YEARS THE WAY EXTREME STORMS ARE PREVALENT
- No more special intyerests controlling the town's lands like the waterworks, no more policing by special interest groups, town recognized authority and management with strickt adgerence and consequences NO MORE ALCOHOL except at permitted events. DOGS ON LEASH OR AT THE DOG PARK THE TOWN BUILT FOR THEM. NO MORE STEPPING IN RANDOM DOG CRAP.
- recreation in waterbury has ignored nature and access in these town park areas
- ALCOHOL AND DRUG FREE ALL INCLUSIVE TOWN MANAGED/ENFORCED DOGS CONTROLLED
- Town Management please of these areas

SUMMARY OF EDITS TO DRAFT MASTER PLAN

The Hope Davey and Ice Center Area Parks Draft Master Plan was shared with the Steering Committee on May 15th, 2023. The Steering Committee met on June 1st to review the Draft Master Plan in a publicly noticed meeting, and comments were collected until June 6th by the Town of Waterbury. The final master plan incorporates many of the comments received, with feedback from the Town Manager and Community Planner to help put comments into context with the town's direction.

The changes between the draft master plan and final master plan are summarized below:

HOPE DAVEY PARK

- Removed informal nature path as the path was too close to disc golf baskets
- Added additional notes about accessibility to the playground
- Added additional notes about repair of the disc golf lockers
- Added additional notes about promoting artwork in the park
- Added additional notes about delineating the basketball court from the skatepark
- Added note about the role of the Master Plan vs. a management plan
- Added not discussing a 9-hole disc golf option

ICE CENTER AREA PARK

- Shortened length of fence along railroad to prioritize area along the proposed skate park and gathering space
- Adjusted the forest restoration planting over existing Perry Hill overflow parking lot to cover only what will be required by the 100' riverbank setback
- Modified the cost estimate with skatepark costs provided by the Waterbury Skatepark Coalition, changed all path, drive and roadway surfacing to gravel rather than asphalt or concrete.

C

Wetland Delineation





ARROWWOOD ENVIRONMENTAL
950 BERT WHITE ROAD
HUNTINGTON, VT 05462
(802) 434-7276 FAX: (802) 329-2259

MEMORANDUM

December 12, 2022

From: Dori Barton

To: SE Group

Re: Hope Davey Park Assessment Summary

Arrowwood Environmental (AE) was contracted to conduct wetland delineations on the Hope Davey parcel to the west of Thatcher Brook. The scope of work did not include a comprehensive natural resource assessment of features such as wildlife habitat, rare, threatened or endangered species, or significant natural communities.

AE conducted wetland delineations in July 2022 with the resulting wetland map dated July 15, 2022 (Attached). The protocols put forth in the USACE's *Corp of Engineers Wetlands Delineation Manual* (2009 Regional Supplement for the Northcentral and Northeast Region) were employed for delineating wetlands as is the standard practice in Vermont. AE identified four wetlands (labeled A through D on the wetland map). The Vermont Wetlands Program has determined that wetland A is a Class II wetland (Shannon Morrison email dated 6/9/2022). While not delineated as part of this project, there are additional wetlands on the east side of Thatcher Brook that are also considered Class II wetlands per the Vermont Wetlands Program. Due to the size and landscape context (association with streams) of wetlands B, C, and D, it is likely that the Vermont Wetlands Program would also consider these wetlands Class II. Class II wetlands are provided a 50' protective buffer, and both the wetland and buffer are regulated by the Vermont Wetland Rules. Immediately adjacent to the property, southwest of the on property mapped Wetland D, is a large vernal pool which would also be considered a Class II wetland and protected by the Vermont Wetland Rules. In addition to the 50' wetland buffer afforded by the Vermont Wetland Rules, the Vermont Department of Fish and Wildlife recommends an undisturbed 100' buffer around vernal pools in Act 250 and Act 248 proceedings.

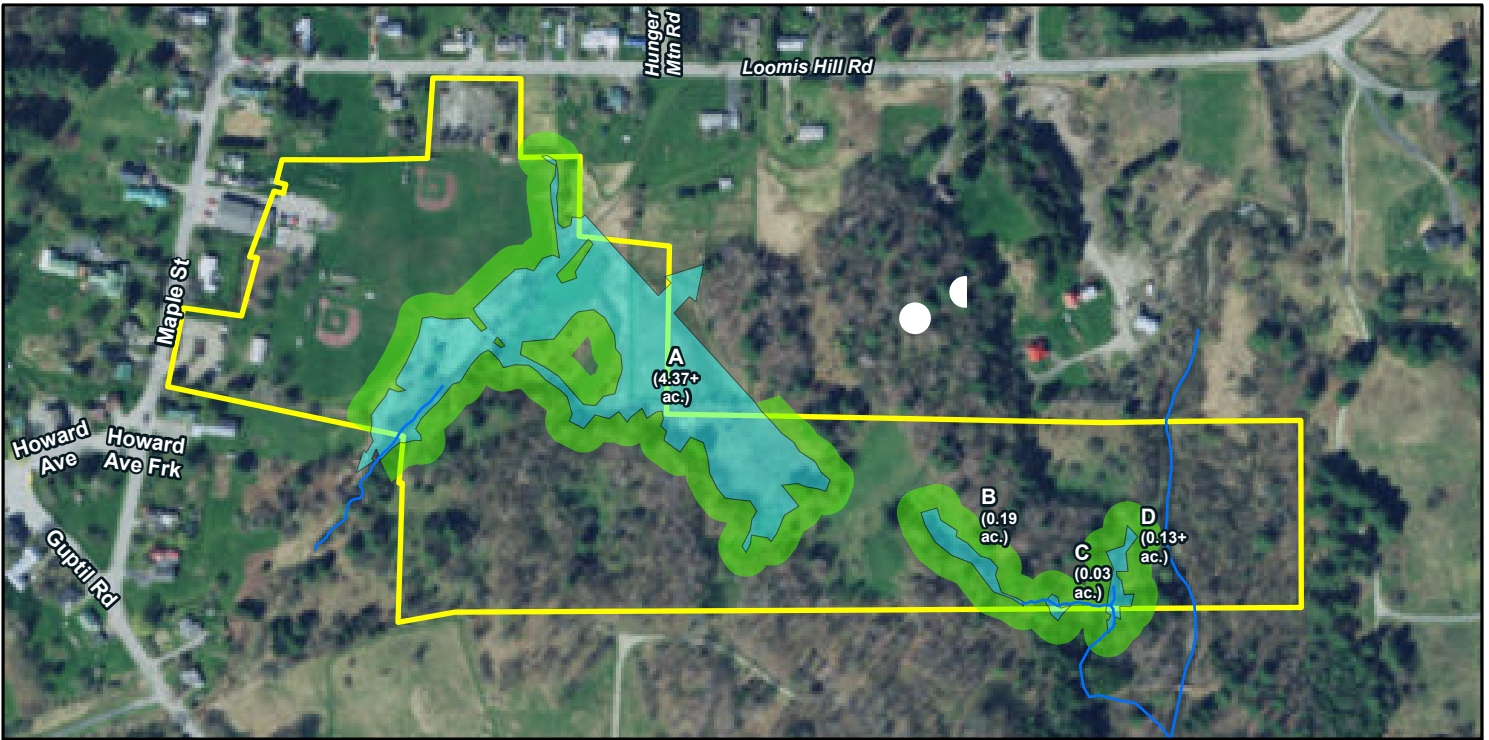
The Vermont Wetland Rules provide for some allowed uses as relates to recreational activities, with activities that result in an alteration of the wetland or buffer triggering permitting. Walking trails can provide an exciting opportunity for people to experience wetlands and wildlife. Primitive foot trails that use native ground without clearing vegetation or placement of fill, likely fit within the allowed use category. Similarly, puncheons, bog bridges and boardwalks are considered an allowed use if designed and constructed per the Section 6.16 Best Management Practices. Adherence to the BMPs is expected to prevent discharges and to maintain the integrity of the wetlands. Consultation with the Vermont Wetlands Program is recommended to clarify if new features qualify as allowed uses or trigger permitting.



AE has also indicated streams on the wetland map. The land adjacent to streams is referred to as a riparian zone or buffer. Unlike significant (Class II) wetlands and vernal pools, stream buffers are not afforded or protected by an independent regulatory authority. In regulatory arenas such as Act 250 and Act 248, the Agency of Natural Resources (ANR) generally makes recommendations for protection of small streams with a 50' buffer and larger streams and rivers with a 100' buffer. These recommendations come from the Vermont Agency of Natural Resources Guidance for Agency Act 250 and Section 248 Comments Regarding Riparian Buffers (December 9, 2005). Towns can establish regulatory stream buffers through local zoning, which does not appear to have taken place in Waterbury.

The wetlands, vernal pool and streams associated with and Thatcher Brook itself are arguably the most significant natural resource features on and near the property. The combination of features provides a rich and diverse environment for a multitude of both land and aquatic species, likely including a suite of reptiles and amphibians, birds, and mammals. These animals utilize the upland water interface to satisfy life requirements of food, water, and shelter as well as a travel corridor to expand territories, disperse and reproduce. The Vermont Agency of Natural Resources has identified Thatcher Brook as a brook trout water and defined a highest priority riparian area/wildlife connectivity zone for the waterway (ANR Atlas and Biofinder). Thatcher Brook has also been included on the 2016 Stressed Waters List due to morphological instability and sediment pollution.

As a public property, the Town could contemplate establishing a riparian conservation zone along Thatcher Brook. A potential boundary might align with the mapped riparian area/wildlife connectivity zone presented in Biofinder. A conservation zone of this width would encompass wetlands C and D, the State mapped River Corridor, and the FEMA mapped Flood Hazard Area. The purpose of a conservation zone is often associated with preserving and/or enhancing the existing habitat conditions. Limitations on use and management within the zone should support the stated purpose. There are often compatible uses that may require guidelines to ensure the ongoing preservation of the conservation zone. For instance, a walking path in the zone could incorporate interpretive signs to educate pedestrians about the sensitivity of the zone and importance of staying on the path.



Waterbury Park Study

Friday, July 15, 2022 File: WaterburyParkStudy:8.5x11
 Prepared By: A Worthley NAD 1983 StatePlane Vermont FIPS 4400



D

ARA Report



ARCHEOLOGICAL RESOURCE ASSESSMENT
Hope Davey & Ice Center Area Parks Study

Town of Waterbury, Washington County, Vermont

HAA # 5870.11

Submitted to:

Patrick Olstad, PLA, ASLA, LEED AP
Senior Landscape Architect
SE Group
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Burlington, Vermont 05401
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Prepared by:

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An ACRA Member Firm
www.acra-crm.org

October 2022

MANAGEMENT SUMMARY

SHPO Project Review Number:

Project Conducted Under: *Vermont Act 250*

Involved State and Federal Agencies: *Vermont Division for Historic Preservation (VDHP)*

Phase of Survey: *Archeological Resource Assessment (ARA)*

LOCATION INFORMATION

Municipality: *Town of Waterbury*

County: *Washington County, Vermont*

SURVEY AREA

Acreage: *Hope Davey Park – 28.7 acres*

Ice Center – 40 acres

RESULTS OF RESEARCH

Archeological sites within one mile: *Two*

Archeological sites or districts within one mile: Two historic sites are located within the Ice Center Park parcel:

VT-WA-131 – Lamson/Bachelor House Site

VT-WA-132 – Sargent House Site.

Precontact Sensitivity:

Hope Davey Park – Moderate precontact sensitivity on small, isolated terraces and knolls adjacent to or overlooking wetlands or streams located in the eastern 20-acre parcel of the park.

Ice Center – Low precontact sensitivity due to previous river scouring and disturbance from park development. Previous archaeological investigations in the most highly sensitive areas of the park identified no precontact artifacts or deposits.

Historic Sensitivity:

Hope Davey Park – Low

Ice Center – Two 19th-century domestic historic sites are located within the western end of the Ice Center project area.

RECOMMENDATIONS

Hope Davey Park - There are several small terraces and knolls scattered within the eastern 20-acre wooded parcel of land presently used as a frisbee golf course. It is recommended that the eastern area not be developed prior to archeological testing. If development is planned, an archeological review of the project plans is recommended in order to identify any potential precontact sensitivity areas within the Area of Potential Effects (APE).

Ice Center - The Ice Center Park has been previously archeologically tested, including surface reconnaissance/walkover survey, unit excavation and backhoe trench excavation. No significant artifacts or buried deposits or surfaces were identified. No further archeological investigation is recommended for the Ice Center Park.

Report Author: *Elise Manning-Sterling*

Date of Report: *October 2022*

Introduction

Hartgen Archeological Associates, Inc, (Hartgen) recently conducted an Archeological Resource Assessment (ARA) for the Hope Davey Park & Ice Center Area Park Study Project located in the Town of Waterbury, Washington County, Vermont (Map 1).

The archeological assessment was requested by the Town of Waterbury, which is conducting a study to provide master plans for multi-use recreation and natural resource management for the two parks. The Hope Davey Park and the public lands in the vicinity of the Ice Center have been heavily used and developed in the past and contain existing un-developed recreational facilities (Maps 2a and 2b). The purpose of the overall study is to inventory the recreation and natural resources of these two park areas and make recommendations for future active and passive recreation facilities, conservation of the natural resources, and overall management of the properties by the Town. The intention of the study is to be fully inclusive of all people participating in, interested in, and impacted by the two parks. The overall goal of the study is to examine how to balance the development and operation of active and passive recreation uses and facilities with the natural and cultural resources of these two park areas and their vicinities.

Hope Davey Park, a 28.7-acre parcel located in Waterbury Center in the vicinity of Maple Street and Loomis Hill Road, was purchased with assistance from a Land & Water Conservation Fund grant in 1980 (Map 2a). This parcel is not under Act 250 jurisdiction. The Ice Center project area, a 40-acre parcel located on River Road overlooking the Winooski River, and owned by the Edward Farrar Utility District, is under Act 250 jurisdiction (Map 2b).

The cultural resources investigation was conducted to comply with Vermont Act 250 and will be reviewed by the Vermont Division for Historic Preservation (VDHP). This investigation adheres to the Vermont State Historic Preservation Office's (SHPO) *Guidelines for Conducting Archeology in Vermont* (VDHP 2017).

Project Information

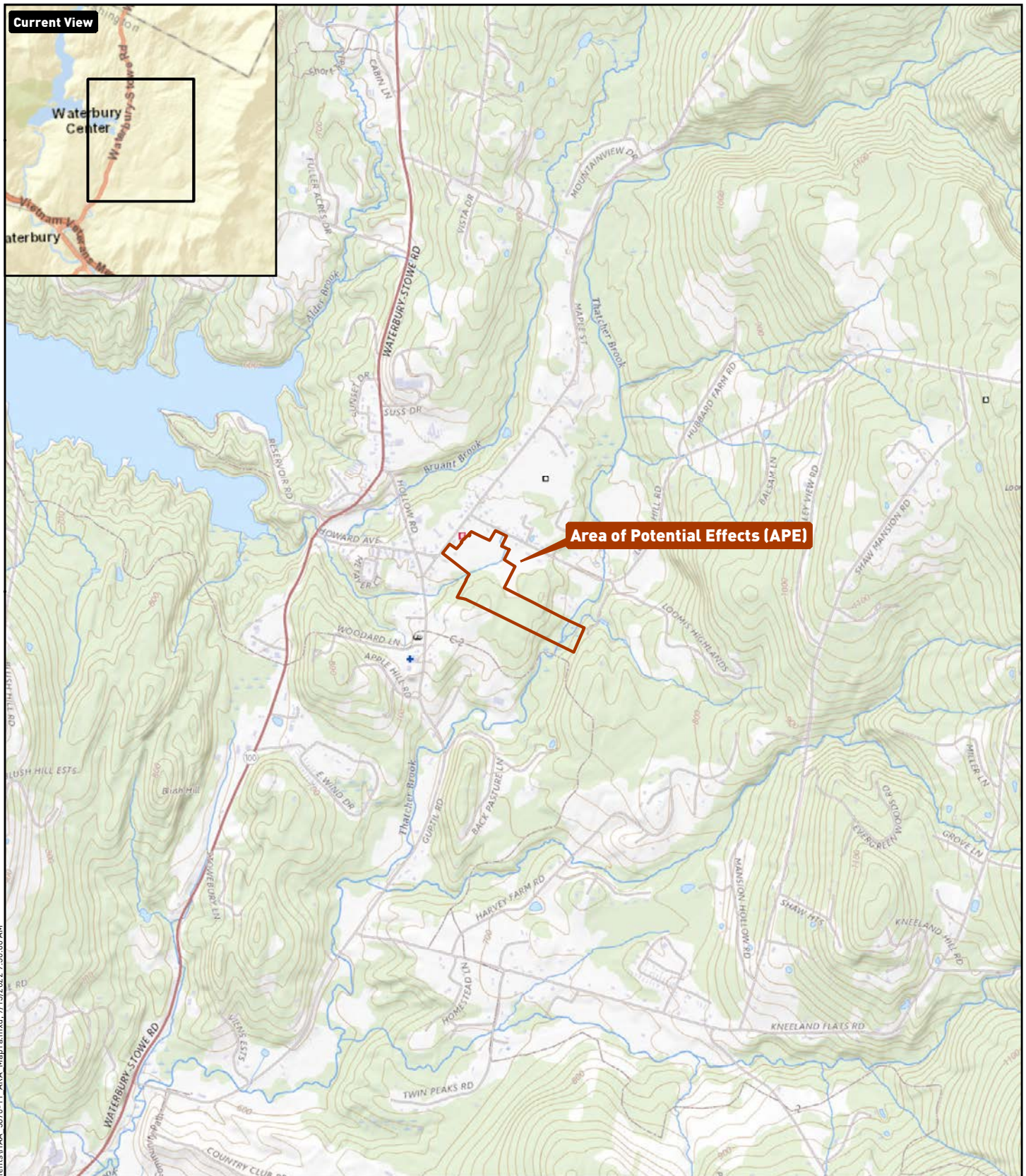
A site visit was conducted by Elise Manning-Sterling on September 9, 2022 to observe and photograph existing conditions within the Project Area. The information gathered during the site visit is included in the relevant sections of the report.

Description of the Area of Potential Effects (APE)

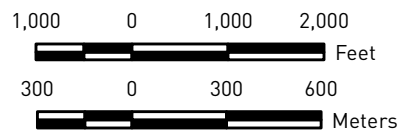
Hope Davey Park

The Hope Davey Park is a 28.7-acre parcel in Waterbury Center. The Hope Davey Park Area of Potential Effects (APE) can be easily divided into two sections. The western portion of the park, bordered to the west by Maple Street and to the north by Loomis Road, was re-developed with a 1995 grant that added well-maintained soccer and baseball playing fields, a basketball court, horseshoe pits, a playground and a large wooden picnic pavilion (Map 2a; Photos 1 and 2).

An east-west aligned unnamed stream and wetlands (possibly associated with Bryant Brook) is located on the east side of the developed park fields (Photo 3). In the late 1990s, a loop nature trail was established within the 20+/- acre undulating wooded parcel on the north/east side of the stream. The 20-acre wooded parcel is bordered to the east by the waterways of Thatcher Brook. In the late 2000s, community volunteers established an 18-hole disc golf course in the wooded area bordered to the west by stream/wetlands and to the east by Thatcher Brook. The frisbee golf course is still in current use (Photos 4 to 6), while the nature trail has become fragmented and disused.



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Note: Contour interval is 20 feet.

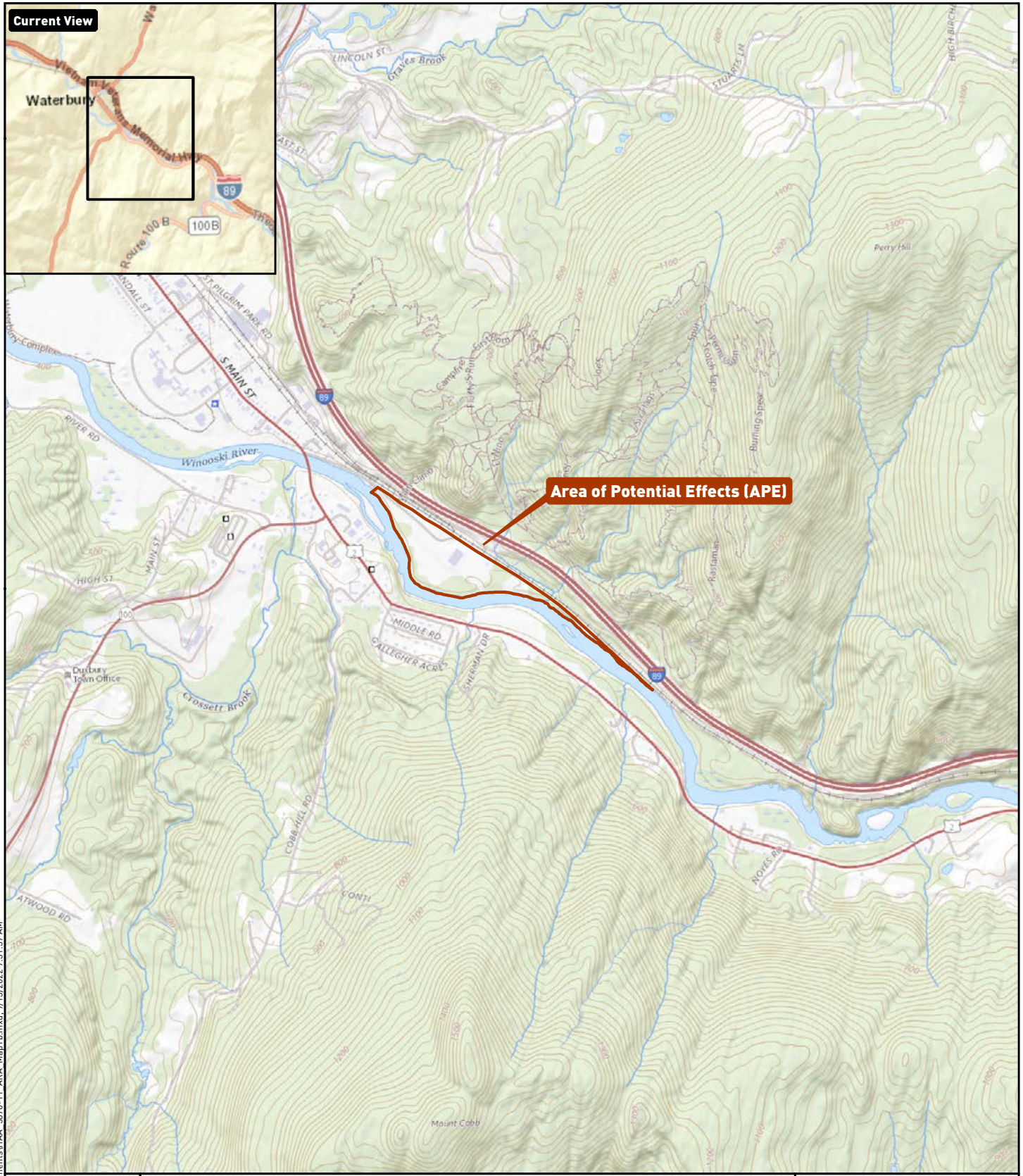
Project Location - Hope Davey Park

GIS Services Accessed 9/13/2022:
 Environmental Systems Research
 Institute, Inc., World Street Map;
 USGS The National Map

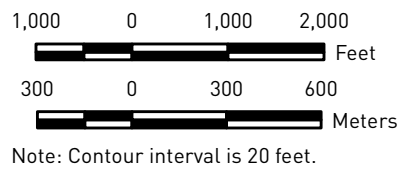


HARTGEN
 archeological associates inc

Map 1a



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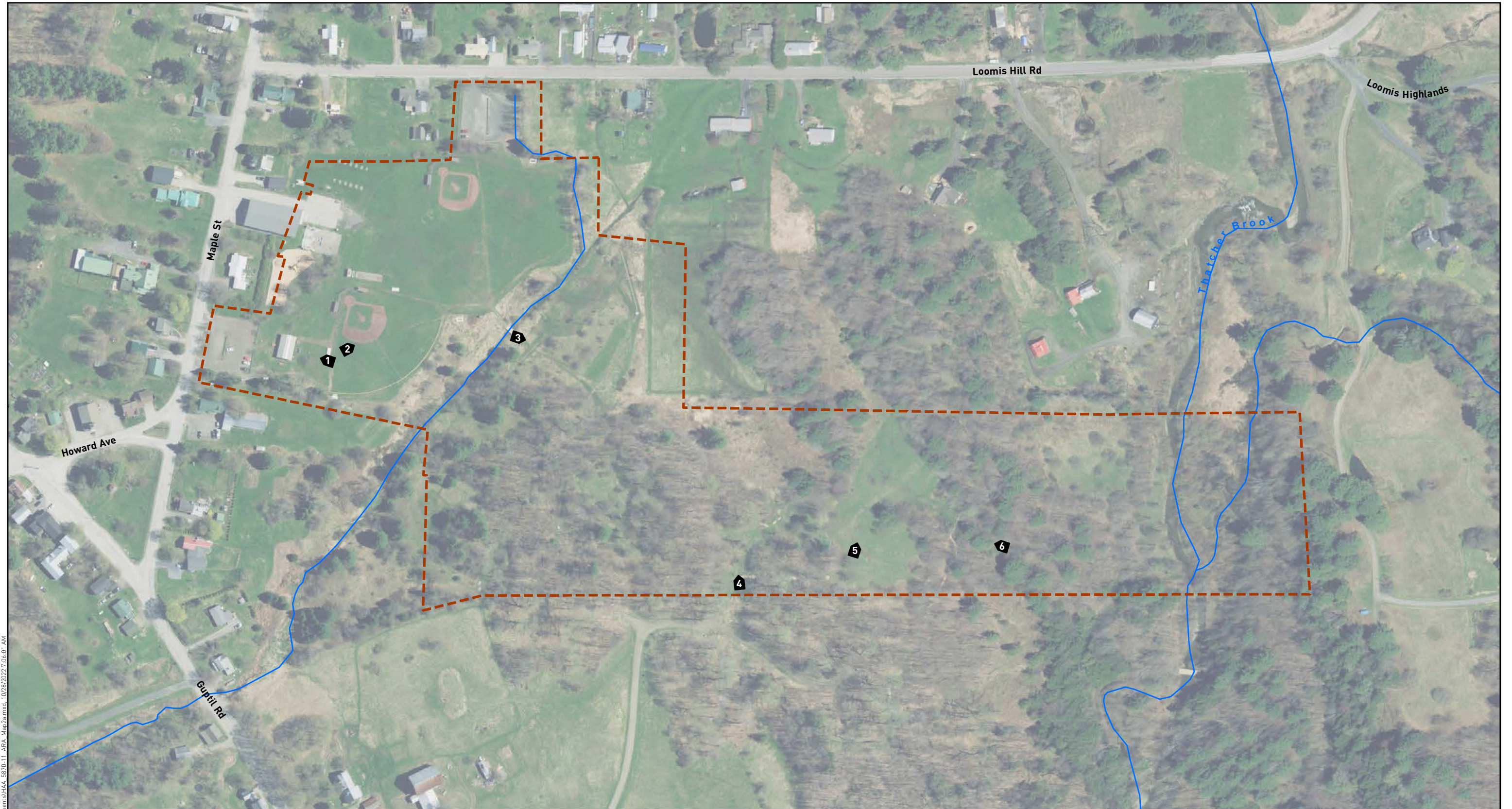


Project Location - Ice Center
 GIS Services Accessed 9/13/2022:
 Environmental Systems Research
 Institute, Inc., World Street Map;
 USGS The National Map

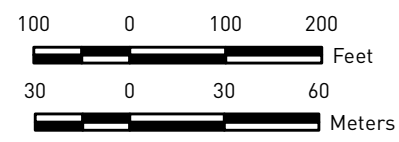
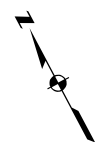


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 archeological associates inc

Map 1b



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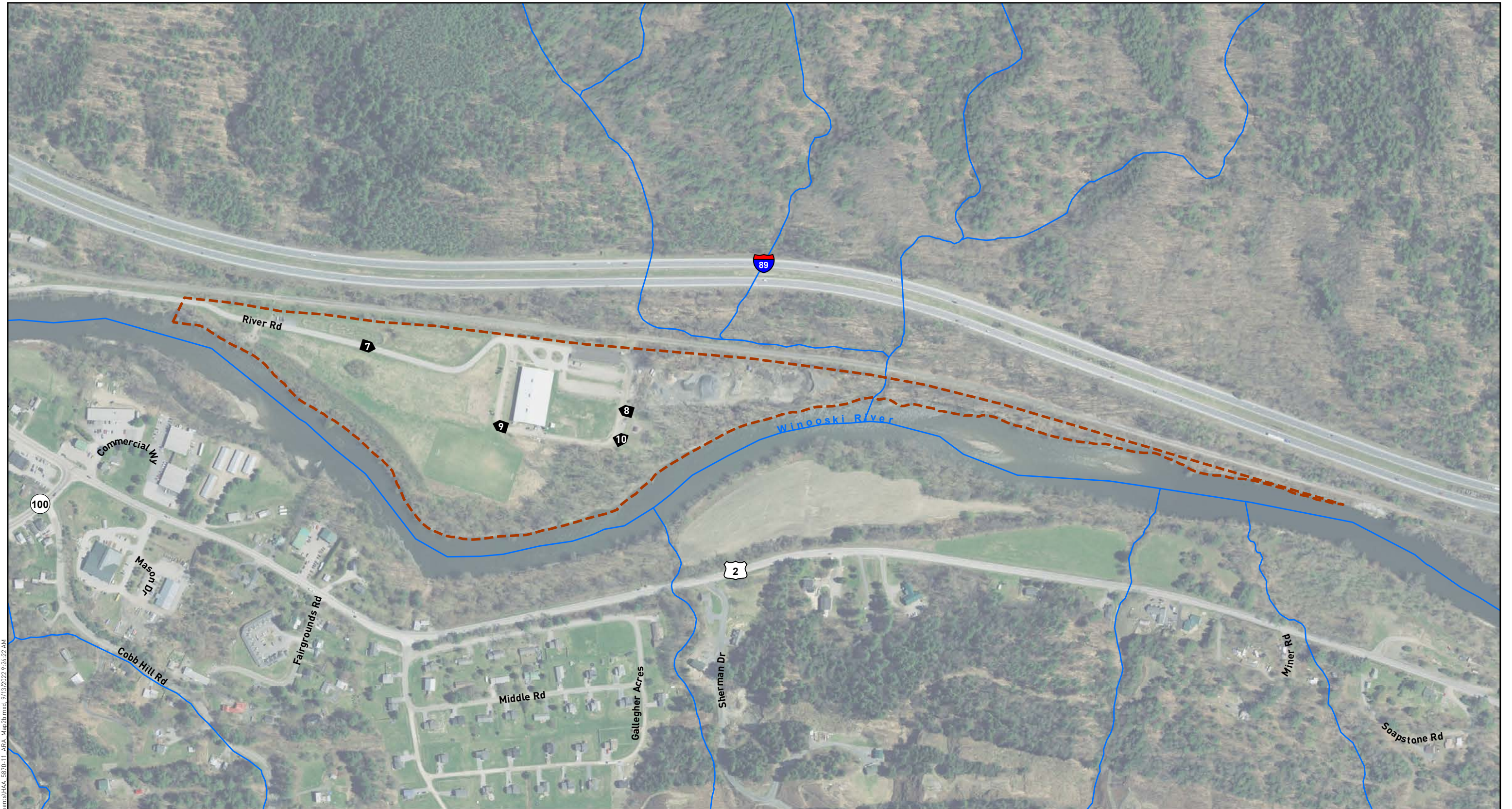


- Legend**
- Photo Angle
 - Area of Potential Effects (APE)

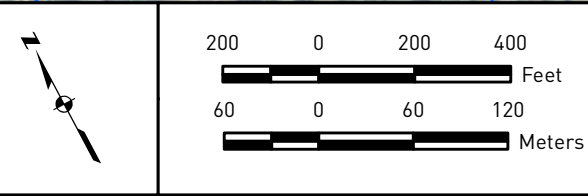
Project Map - Hope Davey Park
Vermont Center for Geographic Information, Orthoimagery, 2016-2020



Map 2a



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Legend
 ■ Photo Angle
 ▭ Area of Potential Effects (APE)

Project Map - Ice Center
 Vermont Center for Geographic Information, Orthoimagery, 2016-2020

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Map 2b



Photo 1. Hope Davey property, note highly landscaped playing field with pavilion. View to the northwest.



Photo 2. Hope Davey property, note highly landscaped ball field. View to the east.



Photo 3. Hope Davey property, crossing of small drainage between the formal ball field area and the disc golf course. View to the southeast.



Photo 4. Hope Davey property, note open area with surrounding vegetation. View to the north/northeast.



Photo 5. Hope Davey property, disc golf basket 12 and open field with surrounding vegetation. View to the northeast.



Photo 6. Hope Davey property, disc golf basket 11 in wooded area. View to the northwest.

Ice Center Park

The 40-acre area in the vicinity of the Ice Center of Washington West on River Road was previously owned by the Village of Waterbury and is now owned by the Edward Farrar Utility District (EFUD) that took over all the assets of the Village of Waterbury in 2018 (Map 2b). In addition to the Ice Center of Washington West, the property has been developed with parking and access to the Perry Hill Mountain Bike Trails, a bike pump park, a full-size soccer field, a dog park, and a materials storage area operated by the Town of Waterbury (Photos 7 to 10).



Photo 7. Ice Center property, note open field with railroad alignment on the far left with ice center building in the right background. View to the southeast.



Photo 8. Ice Center property, note ice center building in the background and gravel parking area. View to the northwest.



Photo 9. Ice Center property, note playing fields on the two terrace levels of the property. View to the northwest.



Photo 10. Ice Center property, note dog park facilities with area in the background for storage of gravel, sand, etc. View to the east.

Environmental Background

The environment of an area is significant for determining the sensitivity of the Project Area for archeological resources. Precontact and historic groups often favored level, well-drained areas near wetlands and waterways. Therefore, topography, proximity to wetlands, and soils are examined to determine if there are landforms in the project area that are more likely to contain archeological resources. In addition, bedrock formations may contain chert or other resources that may have been quarried by precontact groups. Soil conditions can provide a clue to past climatic conditions, as well as changes in local hydrology.

Physiography and Hydrology

Ice Center Park – The project area is located within the Winooski River drainage basin, flowing west into Lake Champlain and eventually into the Saint Lawrence River (Meeks 1986:8-14). The project area is located in the Northern hardwoods vegetation zone with the original vegetation dominated by maple, beech, birch and hemlock (Kuchler 1964). However, modifications to the area, including clearing for settlement and agriculture, flooding that destroyed vegetation and use of a portion of the project area as a borrow pit and landfill, resulted in an alteration of the original vegetation which has been replaced in areas by species such as poplar and sumac.

Hope-Davey Park – This park is located on a high, relatively level plateau located between two ranges of hills of the Green Mountains, situated to the east and west. There are several streams traversing this high plateau, including Thatcher Brook on the eastern end of the park, and Bryant Brook, situated approximately 1,200 feet west of the western end of the park. A small, unnamed stream is located between the border of the developed park (to the west) and the 20-acre frisbee-golf course (to the east).

Soils and Bedrock Geology

Soil surveys provide a general characterization of the types and depths of soils that are found in an area. This information is an important factor in determining the appropriate methodology if a field study is recommended.

The soil type also informs the degree of artifact visibility and likely recovery rates. For example, artifacts are more visible and easily recovered in sand than in stiff glacial clay, which will not pass through a screen easily.

Hope-Davey Park Soils and Bedrock

There are two primary soil types present within the developed park portion of the project area, located west of the wetlands/stream area. These include the soil complexes Machias fine sand loam 0-3% slope and Machias fine sand loam 3-8% slope which are moderately well-drained soils located on terrace landforms, and which constitute prime farmland. These soils are derived from coarse loam glaciofluvial deposits overlying sand and gravel glaciofluvial deposits (USDA 2022).

To the east of the wetlands/stream area within the 20-acre forested frisbee golf area are several bands of soils types/complexes. Moving from west to east, these soils include:

- Scantic silt loam 0-3% slopes – (Poorly drained river valley glaciomarine deposits).
- Tunbridge-Lyman Complex, 8-15% slope, very rocky (Well drained loamy supraglacial till derived from granite and gneiss located on hills and mountains).
- Buxton Silt Loam 15-25% (Moderately well drained soils on lake plains).
- Rumney fine sand loam 0-3%. The Rumney fine sand loam series is located at the eastern end of the project area, situated on the east and west sides of Thatcher Brook.

Bedrock is characterized as an amphibolite and Greenstone Member – dark-green hornblende-rich biotiteplagioclase amphibolite, epidote-hornblende-plagioclase-quartz amphibolite, and light-grayish-green rusty-weathering carbonate-pitted ankerite-magnetite-albite-epidote feldspathic greenstone and interbedded feldspathic quartzite. Locally a mafic basaltic metawacke and interbedded amphibolite Kyanite silvery-blue schist member (Ratcliffe 2011). While these formations do not contain a preferred material type for stone tool manufacture, this material type could have been used on an expedient basis. Within the eastern 20-acre portion of the park, there were bedrock outcroppings and bedrock knolls noted. However, there were no expansive rock overhangs, sheltered areas or caves noted in the bedrock outcrops within the project area.

Ice Center Soils and Bedrock

The soils within the project area are comprised of Adams loamy fine sand on the upper terrace and udorthents, or landfill areas, in the southern portion of the project area. Ondawa fine sandy loam formed on alluvial deposits, and Adams loamy fine sand formed on glaciofluvial and glaciolacustrine deposits. These soils were derived from the alluvial deposits of the river. Most appear to be recent flood deposits, with historic flooding having reworked the terraces and landforms within the project area.

The bedrock geology of the project area consists of the Stowe formation, consisting of quartz-sericite, chlorite phyllite and schist, while the immediate project area is underlain by greenstone and amphibolite of the Stowe formation (Ratcliffe 2011). The quartz in the Stowe formation is present in thin beds that are unlikely to have been utilized as a source of raw material for precontact stone tool manufacture. The surficial geology of the project area is alluvial deposits of the Winooski River. Bedrock outcrops do not occur in the project area. However, glacial materials may have provided some raw material in the project vicinity, specifically, along the banks of the Winooski River.

Documentary Research

Hartgen conducted research on the Vermont Division for Historic Preservation (VDHP) Online Research Center (ORC) to identify previously reported archeological sites, State and National Register (NR) properties, properties determined eligible for the NR (NRE), and previous cultural resource surveys. There are no National or State Register sites located within either of the two project areas.

There are no known cemeteries located within the Hope-Davey Park or Ice Center Park (Hyde and Hyde 1991). There is a small cemetery located on the north side of the railroad tracks at the eastern end of the Ice Center project area that was used from 1841 to 1912, and which contains at least 33 graves. However, it is not in close proximity to the APE.

A Phase I Archeological Investigation was conducted in 2001 for the Ice Center Park development project (Hartgen 2001). A subsequent Phase II investigation on the property was conducted in 2019 (Hartgen 2019). The archeological investigation for this project included not only historic documentary research, excerpts of which are included in the historical overview section below, but also archeological field investigation of several historic archeological sites (outlined below), which included shovel test and unit testing, backhoe trench excavations, and walkover reconnaissance of plowed fields. No previous archeological investigation has been conducted in the Hope–Davey project area.

Precontact Archeological Sites

The archeological site files at VDHP were reviewed as previously reported archeological sites provide an overview of both the types of sites that may be present in the APE and the relationship of sites throughout the surrounding region. The presence of few reported sites, however, may result from a lack of previous systematic survey and does not necessarily indicate a decreased archeological sensitivity within the APEs. There are no precontact sites located within either of the parks. There are a few precontact sites of note located within close proximity to the project areas.

Hope-Davey

VT-WA-0110 – This precontact site, of unknown time period, is located approximately 1.5 miles south of the Hope-Davey Park parcel. This site is situated on a high terrace with slopes leading down to Thatcher and Graves Brooks, situated several hundred meters to the east and north, respectively. Possible precontact material collected from the site included a piece of calcined bone and a possible quartz flake.

Ice Center

VT-WA-035 – Is a precontact site located approximately 400 meters downstream from the western end of the Ice Center property, situated to the northwest on the opposite side of the river. This site was identified on a narrow river bench at a depth of approximately one meter. The site contained a hearth containing burned bone and charcoal which was dated to approximately 500 A.D.

VT-WA-0173 – This precontact site, of unknown time period, is located approximately 1,000 meters to the northwest of the Ice Center project area, situated on a terrace on the north side of the Winooski River. The site was initially identified by the presence of a chert flake within a backhoe excavation trench profile. Additional archeological test excavation produced twenty additional precontact lithics, including two pieces of quartzite debitage from the plow zone and 18 lithics from a buried plow zone, including a chert core, two chert wedges, and 15 quartzite and chert debitage.

Historic Overview and Archeological Sites

Hope-Davey

There are no known historic archeological sites in the vicinity of Hope-Davey Park.

Ice Center

Historical Archeological Sites -- There are two known historical archeological sites located within the Ice Center project limits. These include:

VT-WA-131 – Lamson/Bachelor House Site – The site is located at the western end of the Ice Center parcel, located in a small copse of trees directly south of the site access road. The 2001 investigation of the house site revealed the presence of intact historic materials, such as structure footings and artifact deposits. The site was recommended for fencing off and avoidance during construction of the ball fields. If avoidance was not possible, further archeological investigation was recommended (Hartgen 2001).

VT-WA-132 – Sargent House site. The Sargent House site is located at the northwestern corner of the Ice Center parcel, which includes the remains of the brick house foundation, the area around which has been scoured out by flooding. Some historic artifacts were identified in the area during the archeological investigation, but these were primarily associated with modern refuse being mixed with soils prior to plowing, etc. Recommendations for the Sargent House site included avoidance, and the possible presentation by the Town of a plaque commemorating the prominent place of the 1927 flood in the history of the town, including the Sargent family.

This tragic occurrence, with the loss of the entire Sargent family and their home, was the focus of one of the recommendations for the Sargent site (see below).

The 2001 investigation of the Ice Center site noted that:

“Agricultural production was one of the major pursuits in Waterbury with the alluvial soils along the Winooski and other rivers providing fertile land for corn, oats, wheat, grass and other crops, and the surrounding hill sides for pasture for sheep and cattle (Hemenway 1882:827-828). The project area was probably used for agriculture from an early date due to the alluvial soils and close proximity to the village. In 1882, Hemenway identified the project vicinity as part of a farm belonging to a J. Batchelder, whose name appears on the 1873 map as J. Bachelor, occupying a house near the north end of the field” (Hartgen 2001:12). This farm was noted to be “the largest and most valuable one in the town” (Hemenway 1882:828-829).

Perhaps the most significant event affecting the Ice Center project area was the flood of 1927, which was disastrous. Towns all over Vermont suffered greatly, with bridges and buildings destroyed, and residents left homeless, while many died in the flood waters or related calamities. Waterbury was one of the hardest hit towns, with almost the entire village covered by water. The water was recorded at 18 feet higher than in any previously recorded flood, at 40 to 45 feet above normal river level. Statistics for the flood included 20 deaths within a half mile of the village center, 19 bridges were washed out, 32 houses destroyed and over 300 families left homeless (Swasey 1927:122).

The Sargent family who lived in the house whose brick foundation is located at the north end of the field were some of the first casualties. Early during the flood, the fire department attempted to rescue the family from their house. Mr. and Mrs. Sargent, along with four of their children and Mrs. Sargent’s mother were in the house. The rescuers were attempting to throw a rope to them from the railroad embankment when they saw Mr. Sargent trying to lead the family cow up the stairs to the second floor of the house (Swasey 1927:123-125). Just as they were watching, the house lifted from the foundation and floated down stream.”

Historical Map Research

Hope-Davey (Map 3a)

The historical maps of the Hope-Davey property depict surrounding structures but none within the project parcel (Beers 1873; Walling 1858).

Ice Center (Map 3b)

“Examination of two 19th century maps dating to 1858 and 1873 indicate two house sites and a school were located within the Ice Center project area. The 1858 Walling map shows one structure located near the center

of the APE, labeled J. Lamson (Walling 1858). A second structure is shown near the south end of the APE, labeled J. Woodward. A school is shown near the southern extreme of the area. The 1873 Beers map (Beers 1873) depicts two houses and School #17. Although in slightly different locations, they are probably the same as shown on the 1858 Walling map.

The 1919 USGS quadrangle (USGS 1919) shows two structures in the APE. The structure at the north end of the field is likely the Sargent family house. Further to the south is the Woodward house, located north of the road.

The research portion of the 2001 study reported that the only historic settlement in the APE was that of the 19th century structures previously discussed. It concluded that there was extensive disturbance caused by flooding and the later operation of a borrow pit and landfill. This was later confirmed by the results of the archeological survey” (Hartgen 2001:15).

Archeological Discussion

Precontact Archeological Sensitivity Assessment

Completion of the VDHP Environmental Predictive Model provides a measure of the precontact archeological sensitivity of the project areas (Appendix 1).

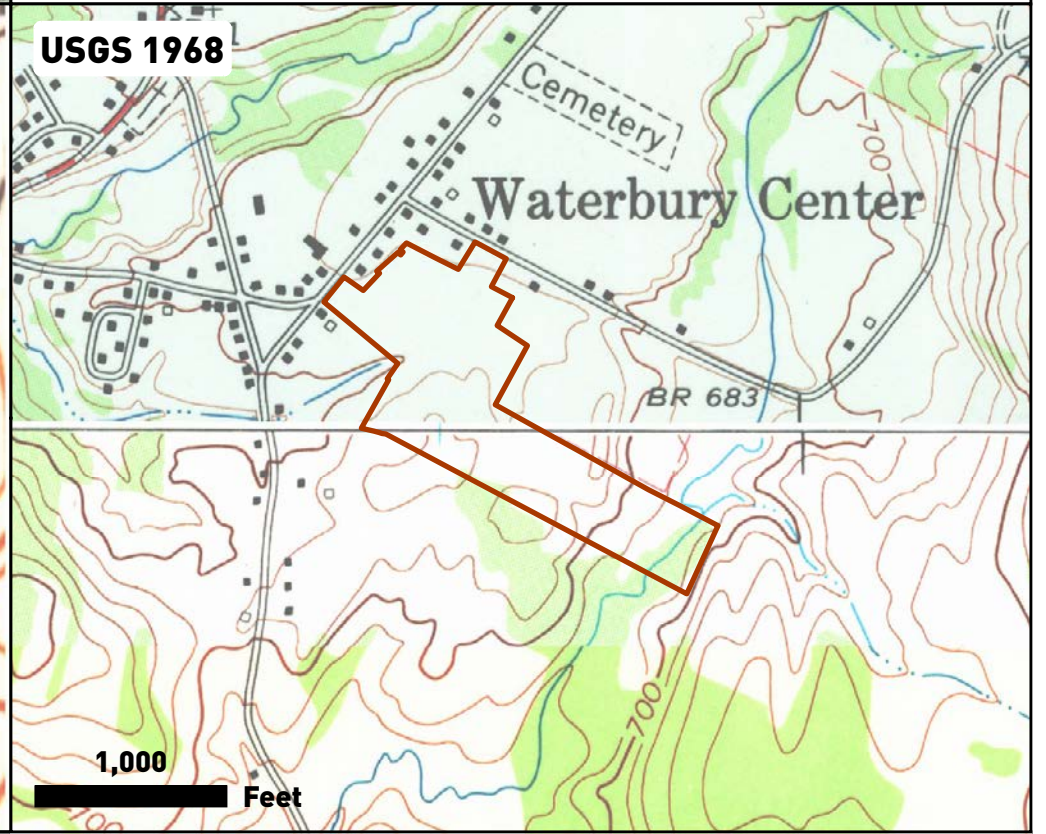
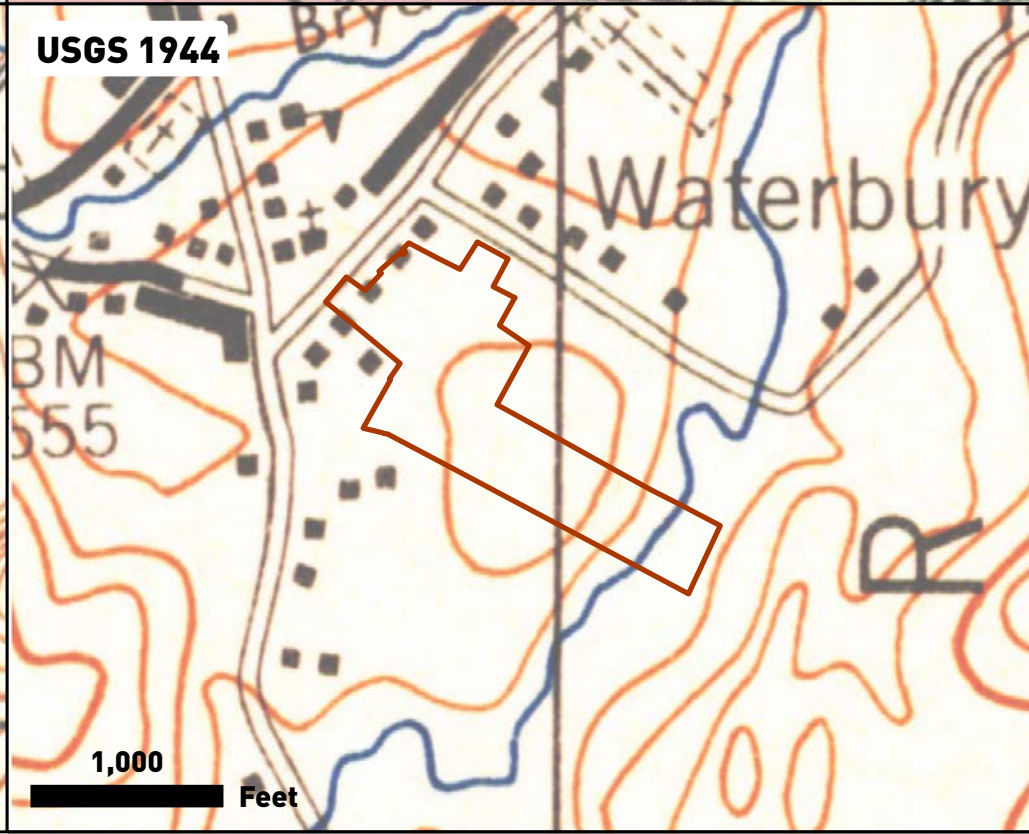
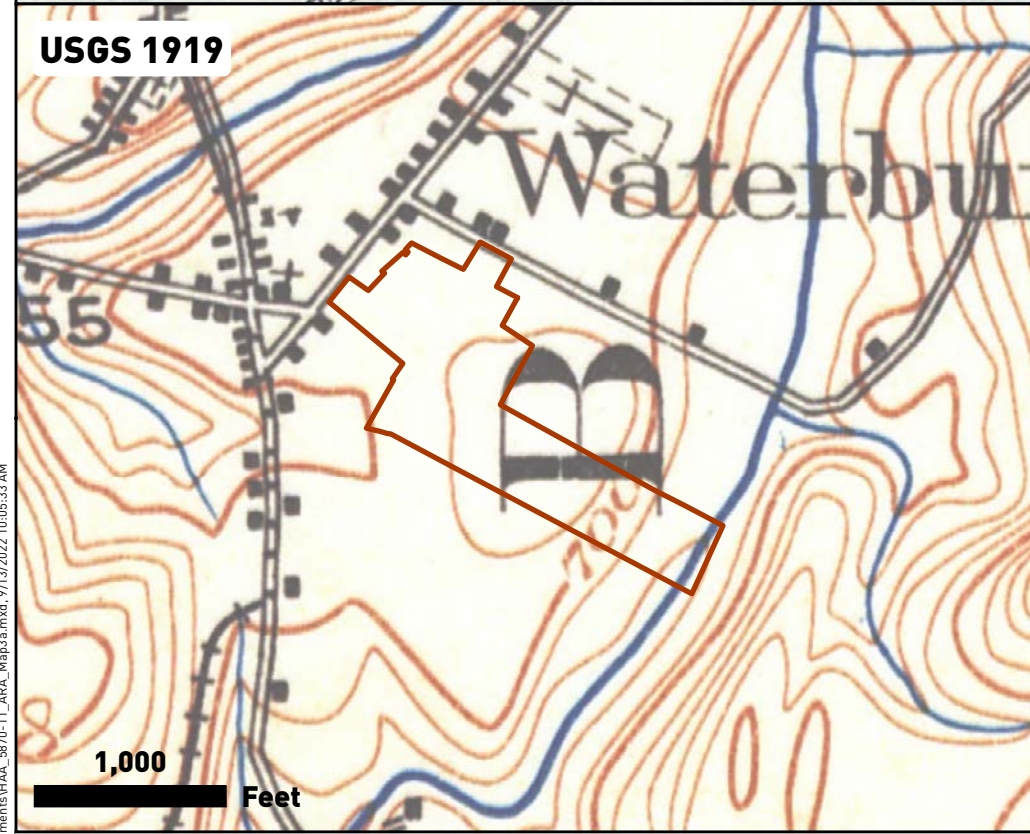
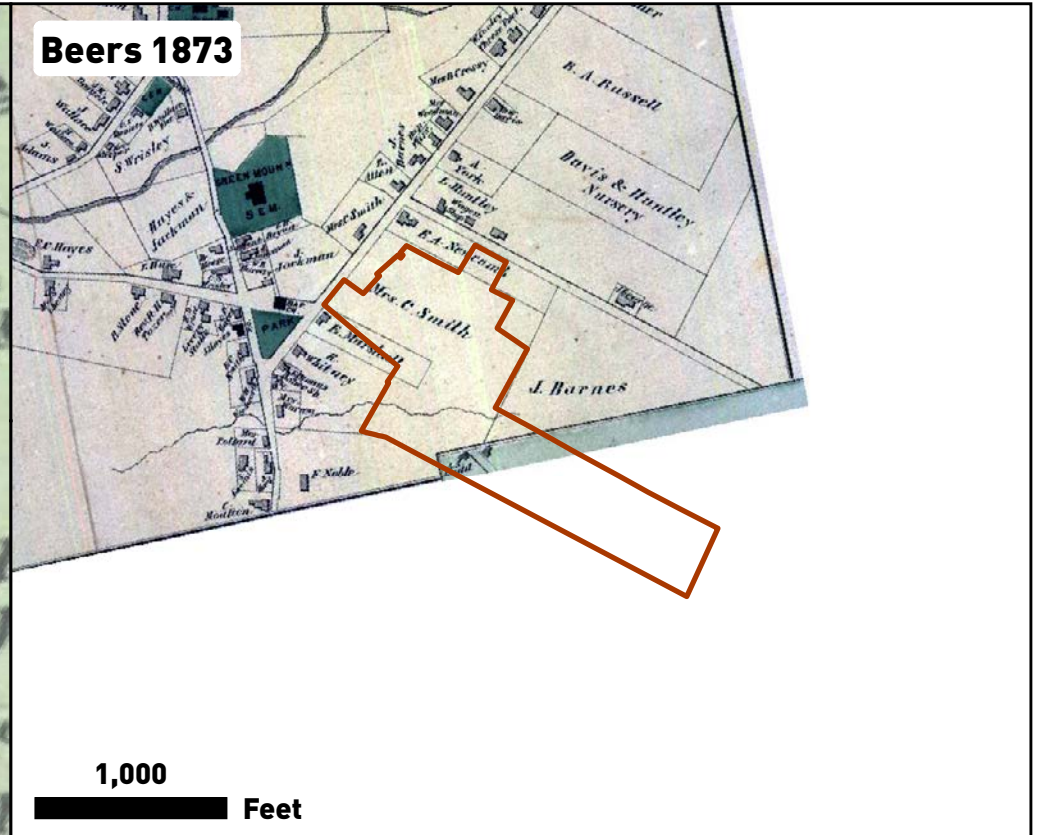
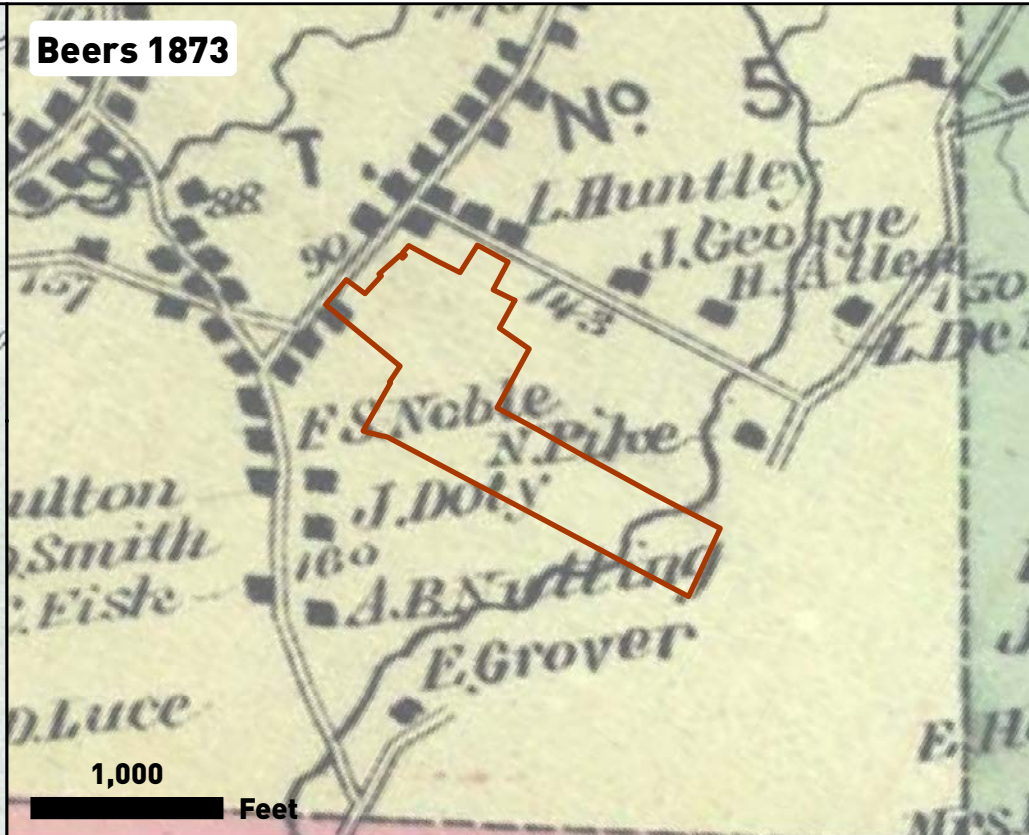
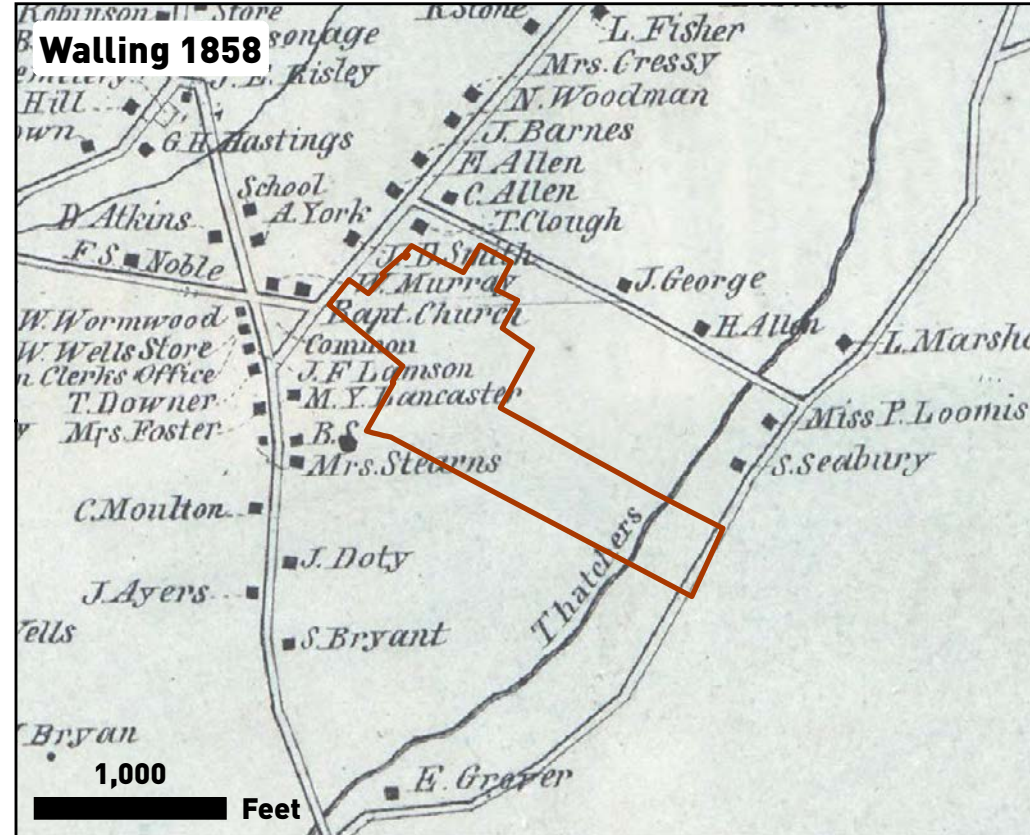
Hope-Davey

The eastern portion of the Hope-Davey project area (20-acre section) received a total of 56 points based on the location of nearby streams and wetlands, as well as its proximity to the shoreline of glacial Lake Winooski. The score for the western developed section of the park was reduced by 32 points (for a score of 24) because of previous disturbance from major earthmoving and contouring activities associated with the creation of the playing fields, playgrounds and picnic pavilion during the original establishment of the park.

Ice Center

The Ice Center project area received points based on its location on a major floodplain adjacent to the river within a travel corridor/drainage divide. The overall score was reduced by 32 points because of the documented disturbance caused by river scouring in broad sections of the project area. The project APE received a total of 24 points, with 32 points indicating precontact sensitivity.

The 2001 assessment of the Ice Center project area concluded that there were several slightly elevated landforms that had greater potential for precontact sensitivity because these areas were subjected to less flooding and scouring than lower lying landforms, or areas that were situated within flood channels. Subsequent archeological testing, including the excavation of backhoe trenches, shovel tests and units, along with plowing and surface reconnaissance, identified no precontact artifacts and no potential precontact living surfaces or features.



Legend

Area of Potential Effects (APE)

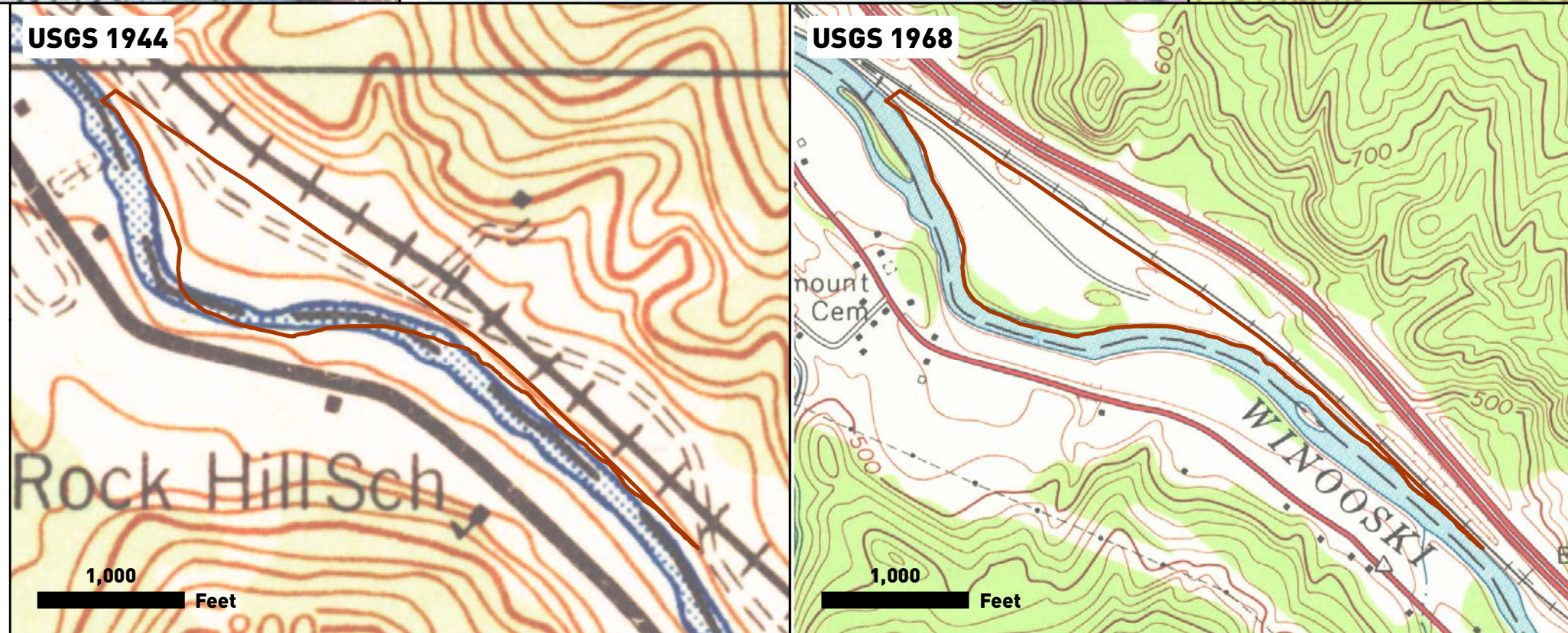
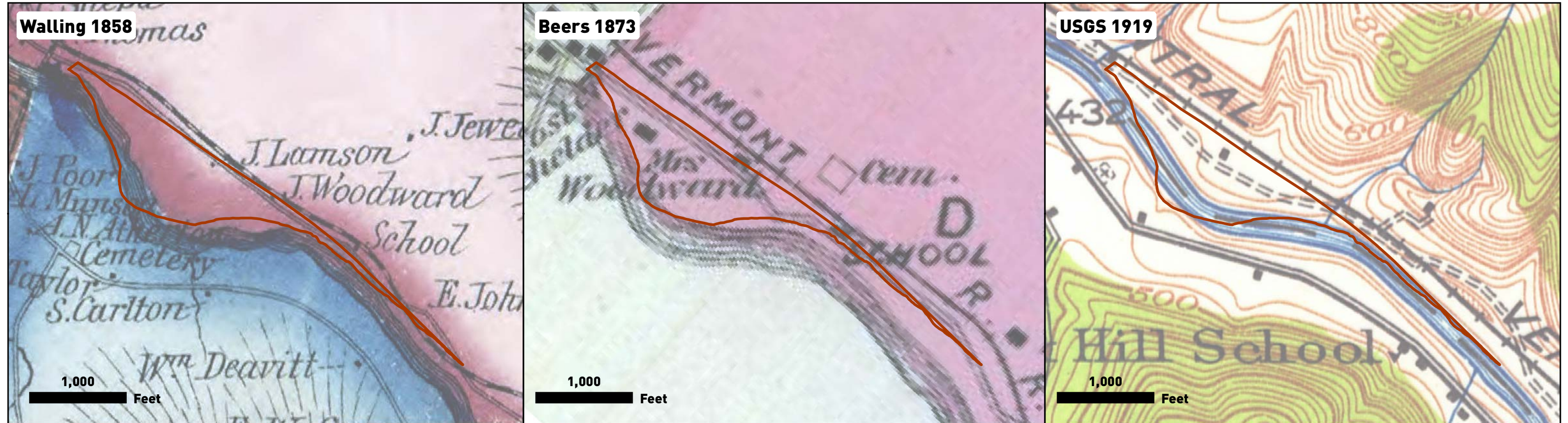
Historical Maps - Hope Davey Park

HARTGEN
archeological associates inc

1858-1968

Map 3a

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Legend

Area of Potential Effects (APE)

Historical Maps - Ice Center



1858-1968

Map 3b

Historic Archeological Sensitivity Assessment

The historic sensitivity of an area is based primarily on proximity to previously documented historic archeological sites, map-documented structures, or other documented historical activities (e.g. battlefields).

Hope Davey

There is no known historic archeological sensitivity within the Hope-Davey Park parcel. Although located at the edge of Waterbury Center, the historical maps do not depict any structures in the parcel and the site visit did not identify any historic features.

Ice Center

VT-WA-131 – In 2001, the Lamson/Bachelor House Site was recommended for fencing off and avoidance during construction of the ball fields. If avoidance was not possible, further archeological investigation was recommended (Hartgen 2001). In 2019, Hartgen conducted Phase II investigations of the site in order to provide the owner information on the archeological significance of the deposits (Hartgen 2019). Excavations within the site area identified traces of foundation remains and some 19th-century artifacts. However, there was also evidence of considerable disturbance related to agricultural use of the landform encroaching onto the site area. It was determined that further archeological investigation would not encounter significant deposits and no further investigation was recommended.

VT-WA-132 – The Sargent House site is located at the northwestern corner of the Ice Center parcel, which includes the remains of the brick house foundation, the area around which has been scoured out by flooding. Some historic artifacts were identified in the area during the archeological investigation, but these were primarily associated with modern refuse being mixed with soils prior to plowing, etc. While the Sargent House is an archeological site, the integrity of the associated deposits is low. Recommendations for the Sargent House site included avoidance, and for the potential of a plaque from the Town commemorating the Sargent family and the prominent place of the 1927 flood in the history of the town.

Archeological Recommendations

Hope Davey Park - There are several small terraces and knolls scattered within the eastern 20-acre wooded parcel of land presently used as a disc golf course. It is recommended that the eastern area not be developed prior to archeological testing. If development is planned, an archeological review of the project plans is recommended in order to identify any potential precontact sensitivity areas within the Area of Potential Effects (APE).

Ice Center - The Ice Center Park has been previously archeologically tested, including surface reconnaissance/walkover survey, unit excavation and backhoe trench excavation. No significant artifacts or buried deposits or surfaces were identified. No further archeological investigation is recommended for the Ice Center Park.

This report should be submitted to the VDHP archeology office for review and concurrence.

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Appendix 1: VDHP Environmental Predictive Models

VERMONT DIVISION FOR HISTORIC PRESERVATION

Environmental Predictive Model for Locating Pre-contact Archaeological Sites

Project Name Hope-Davey Park
DHP No.

County Washington
Map No.
Staff Init.

Town Waterbury Center
Date October 2022

Additional Information

Environmental Variable	Proximity	Value	Assigned Score
A. RIVERS and STREAMS (EXISTING or RELICT):			
1) Distance to River or Permanent Stream (measured from top of bank)	0- 90 m	12	12
	90- 180 m	6	
2) Distance to Intermittent Stream	0- 90 m	8	
	90-180 m	4	
3) Confluence of River/River or River/Stream	0-90 m	12	
	90 –180 m	6	
4) Confluence of Intermittent Streams	0 – 90 m	8	
	90 – 180 m	4	
5) Falls or Rapids	0 – 90 m	8	
	90 – 180 m	4	
6) Head of Draw	0 – 90 m	8	
	90 – 180 m	4	
7) Major Floodplain/Alluvial Terrace		32	
8) Knoll or swamp island		32	
9) Stable Riverine Island		32	
B. LAKES and PONDS (EXISTING or RELICT):			
10) Distance to Pond or Lake	0- 90 m	12	
	90 -180 m	6	
11) Confluence of River or Stream	0-90 m	12	
	90 –180 m	6	
12) Lake Cove/Peninsula/Head of Bay		12	
C. WETLANDS:			
13) Distance to Wetland (wetland > one acre in size)	0- 90 m	12	12
	90 -180 m	6	
14) Knoll or swamp island		32	
D. VALLEY EDGE and GLACIAL LAND FORMS:			
15) High elevated landform such as Knoll Top/Ridge Crest/ Promontory		12	
16) Valley edge features such as Kame/Outwash Terrace**		12	

17) Marine/Lake Delta Complex**		12	
18) Champlain Sea or Glacial Lake Shore Line**		32	32
E. OTHER ENVIRONMENTAL FACTORS:			
19) Caves /Rockshelters		32	
20) <input checked="" type="checkbox"/> Natural Travel Corridor <input type="checkbox"/> Sole or important access to another drainage <input type="checkbox"/> Drainage divide		12	
21) Existing or Relict Spring	0 – 90 m 90 – 180 m	8 4	
22) Potential or Apparent Prehistoric Quarry for stone procurement	0 – 180 m	32	
23)) Special Environmental or Natural Area, such as Milton aquifer, mountain top, etc. (these may be historic or prehistoric sacred or traditional site locations and prehistoric site types as well)		32	
F. OTHER HIGH SENSITIVITY FACTORS:			
24) High Likelihood of Burials		32	
25) High Recorded Site Density		32	
26) High likelihood of containing significant site based on recorded or archival data or oral tradition		32	
G. NEGATIVE FACTORS:			
27) Excessive Slope (>15%) or Steep Erosional Slope (>20)		- 32	
28) Previously disturbed land as evaluated by a qualified archeological professional or engineer based on coring, earlier as-built plans, or obvious surface evidence (such as a gravel pit)		- 32	
** refer to 1970 Surficial Geological Map of Vermont			
			Total Score: 56
Other Comments :			
0- 31 = Archeologically Non- Sensitive 32+ = Archeologically Sensitive			

VERMONT DIVISION FOR HISTORIC PRESERVATION

Environmental Predictive Model for Locating Pre-contact Archaeological Sites

Project Name Hope-Davey Park
DHP No.

County Washington
Map No.
Staff Init.

Town Waterbury Center
Date October 2022

Additional Information

Environmental Variable	Proximity	Value	Assigned Score
A. RIVERS and STREAMS (EXISTING or RELICT):			
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	90- 180 m	6	
2) Distance to Intermittent Stream	0- 90 m	8	
	90-180 m	4	
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20) <input checked="" type="checkbox"/> Natural Travel Corridor <input type="checkbox"/> Sole or important access to another drainage <input checked="" type="checkbox"/> Drainage divide		12	
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23)) Special Environmental or Natural Area, such as Milton aquifer, mountain top, etc. (these may be historic or prehistoric sacred or traditional site locations and prehistoric site types as well)		32	
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28) Previously disturbed land as evaluated by a qualified archeological professional or engineer based on coring, earlier as-built plans, or obvious surface evidence (such as a gravel pit)		- 32	
** refer to 1970 Surficial Geological Map of Vermont			
			Total Score: 56
Other Comments :			
0- 31 = Archeologically Non- Sensitive 32+ = Archeologically Sensitive			

E

Tree Health Report





From the Desk of:

WILLIAM DE VOS, ASCA

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- NJ Licensed Tree Expert #197
- Vt. Certified Horticulturist
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November 2, 2022

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www.treeworks.com

Hi Patrick:

The Disk Golf Course at Hope-Davey Park was a pleasant surprise I had not known existed, so thank you for the opportunity to assess a new type of recreation component.

My first concern is the safety of golfers along the "fairways" and particularly at the landing "take-off" platforms where they congregate.

The trees are naturally recycling, with older trees showing signs of decline in some cases while many saplings and pole sized replacements abound.

This speaks to healthy forest regeneration brought on by the clearing that took place when it was farmland. A unique component that makes the site particularly interesting is where large trees were left and now are the "bones" of the course. This reminds one this is more than a just a park, but a park with history.

The compaction testing revealed a substantial difference in soils around traveled pathways and launch platforms when compared to adjacent natural areas.

**11 Time Recipient of the National Award for Excellence in Arboriculture
Grand Honor Award Recipient from the Vermont Nursery & Landscape Association**

from the desk of

WILLIAM DE VOS, ASCA

- Registered Consulting Arborist #359
- Certified Horticulturist

I used a digital spot penetrometer probe for testing, which records both Psi and kPa and meets the ASABE S311.3 soil compaction standard. I calibrated the probe before each test. The compaction severity categories are as follows:

0>20 good

20>30 moderate

30>40 high

It was requested that I sample 3 sites as marked on the map. A minimum of 6 tests were performed at each site with 3 tests at the path and launch area and 3 tests at the undisturbed forest area. I have averaged the tests as the theme is consistent throughout.

Path and Launch pad Soil¹

Site 1

0.5"- 20.5 psi

1.0"- 44.5 psi

21'-31.5 psi

Site 2

1.25"-18.9 psi

1.5"- 20 psi

16"- 50< psi

Site 3

1.75" -20 psi

20"- 29.87 psi

30"- 18.5 psi

¹ The top 12 " are of most concern

from the desk of

WILLIAM DE VOS, ASCA

- Registered Consulting Arborist #359
- Certified Horticulturist

Undisturbed

Site 1

16"-17.5 psi

12'- 15.4 psi

16'- 20.6 psi

Site 2

16"- 20.6 psi

20"- 50< psi

16'- 20 psi

Site 3

10.5"- 20 psi

14"-20 psi

19"- 50< psi

Clearly the undisturbed soils are far more hospitable to root production on older trees, sapling development and seed germination.

There is also a difference in the three sites as far as compaction horizons. Since we are focusing on the existing trees, I put more weight on the upper 8-12 inches of soil that are roots friendly due to the the higher oxygen content, along with nutrient availability, etc.

I do not believe that if no changes are made, the impact will make itself known for some time. Many of the trees effected by the compaction from constant usage are only partially suppressed as their root systems reach far

from the desk of

WILLIAM DE VOS, ASCA

- Registered Consulting Arborist #359
- Certified Horticulturist

off and adjacent to the pathways which as the culprit, have a basically limited surface area affecting tree growth..

Recommendations

Perform a Hazard Tree Assessment (Level 1) along heavily traveled paths and landings.

Should you desire to ameliorate compaction on the paths, you could spread wood chips at a depth of 3" which will not only reduce the pressure foot traffic brings², but break down into excellent soil/humus. It will also enhance path delineation which may keep people on them. Spot applications of wood chips at specific points of concern is also advisable, should you feel strongly about it.

It was mentioned by a council member during my first visit if the forest should be thinned. I personally do not see the overall benefit from this at this moment; very select treatments for safety is always advisable.

Regards,

Bill de Vos



² 16 pounds on the heel and 22 pounds on the ball of the foot of a 200 lb. person