

2011 Downtown and Waterfront Parks Assessment

City of Burlington, VT • Burlington Parks & Recreation Department Prepared for use in the development of Plan BTV

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APPENINIY	00

EXECUTIVE SUMMARY

The City of Burlington's Department of Parks & Recreation conducted this study for the Department of Planning & Zoning, in support of the development of Plan BTV. It provides an assessment of the Department of Parks & Recreation parks, facilities, and services located within the study area. This analysis includes the following analysis:

- 1 Maps: Overview and Amenities
- 2 Description and History
- 3 Amenities and Activities
- 4 Operation and Maintenance
- 5 Inventory of Existing Conditions (All inventories taken from 2005)
- 6 Recommendations for Needed Improvements and Future Opportunities

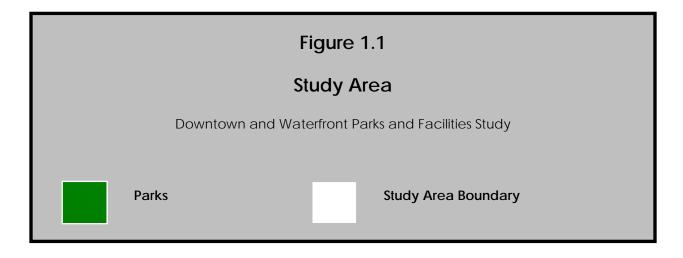
The study area focuses on Burlington's downtown and waterfront area as shown in Figure 1.1 and contains (5) parks facilities, (7) building facilities and a waterfront bike path that runs 1.2 miles including through 2 of the parks.

Park facilities include: Waterfront Park, Battery Park, City Hall Park, Champlain Street Park, and Perkin's Pier & Roundhouse Point. The total combined acreage of these parks is 37.4 acres.

Building facilities include: the Community Boathouse (at Waterfront Park), City Hall, BCA Center, Fletcher Free Library, Memorial Auditorium, 242 Main (at Memorial Auditorium), and the Lyman Building (at Perkin's Pier).

Disclaimer: The work that provided the basis for this publication was supported by funding under an award with the U.S. Department of Housing and Urban Development. The substance and findings of the work are dedicated to the public. The author and publisher are solely responsible for the accuracy of the statements and interpretations contained in this publication. Such interpretations do not necessarily reflect the views of the Government.





STAFF

The Parks & Recreation Department is comprised of the following staff:

Administrative Staff

Mari Steinbach- CPRP, MPA, Director & Harbormaster
Darlene Loyer- Customer Service
Mae LeClair- Parks Administration
Joanne Putzier- Administrative Secretary

Parks Staff

Deryk Roach- Supintendent of Park Operations & Maintenance Jennifer Francis- Parks Planner Dan Cahill- Land Steward, Community Garden Coordinator

Trees & Greenways
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Shane Lumbra, Certified Arborist
Brian Sullivan, I.S.A. Certified Arborist

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Marty Hornick- Foreman - Grounds
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Rob Barrett, Maintenance Worker
Chris Beaudry, Maintenance Worker
Kurt Hawkins, Maintenance Worker &
Waterfront Special Events Coordinator
Al Letzelter, Maintenance Worker
Bill Rasch, Maintenance Specialist
Ritchie Snow, Maintenance Worker

Recreation Staff

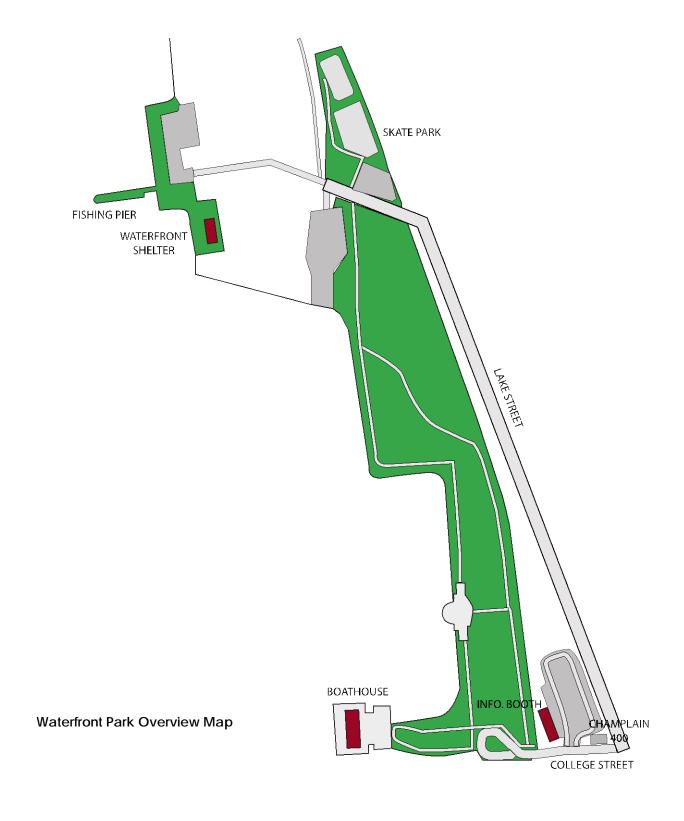
Maggie Leugers- CPRP, Supt. of Recreation Richard Bailey-242 Main Programs Nancy Bove- CFE, Events Coordinator Gary Rogers- CPRP, Recreation Coordinator Peter Jeffreys-, Recreation Bus Driver Sarah Carter- CPRP – Recreation Specialist Susan Carter - Recreation Specialist Yvette Mason- CPRP -- Recreation Specialist

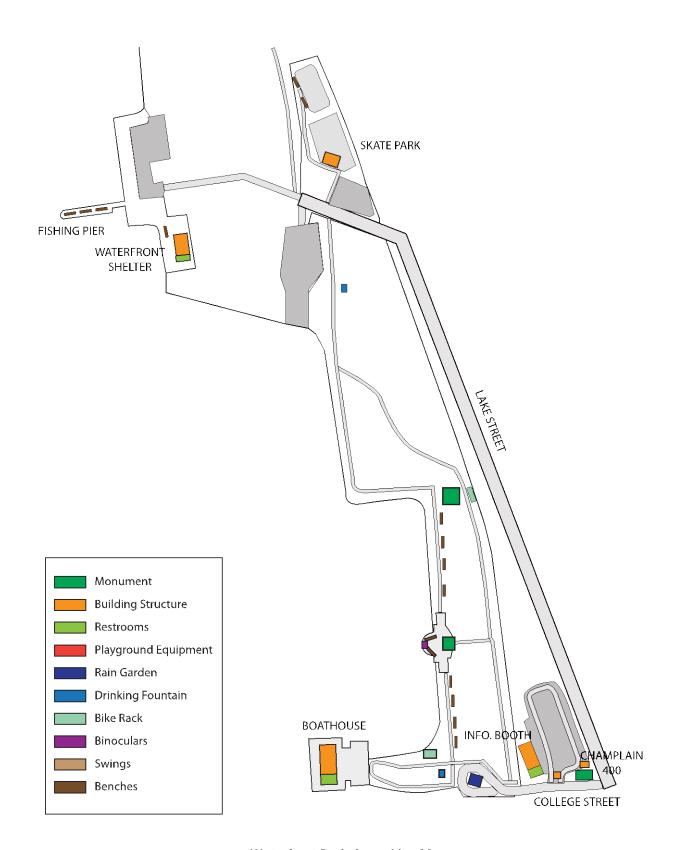
Leddy Skating Arena Staff:
Melissa Young- Arena Manager
Sarah Jennings- Arena Program Assistant
Kathy Knauer- Program Coordinator
Bob Lapointe- Arena Maintenance
Specialist
Todd Gennings, Maintenance Worker
Dale Ledoux, Maintenance Worker

Memorial Auditorium Staff: Alan Campbell- Facility Manager & Coordinator

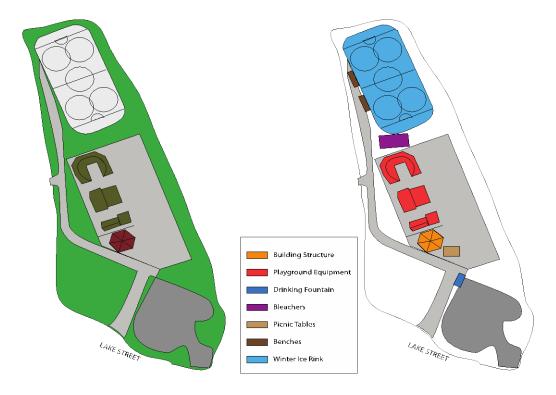
Cemetery Staff:
Jeff Shedd, Cemetery Assistant
Steve Bachand, Maintenance Assistant
Anne Marie D'Alton, Office Assistant

WATERFRONT PARK





Waterfront Park Amenities Map



Skate Park Overview Map

Skate Park Amenities Map

Description and History

Waterfront Park a 13.89-acre community park with a lakeshore, a boardwalk, and benches is great place to sit and watch the beautiful sunsets that Burlington has to offer. The waterfront also has access to the Bike Path, a festival site (host to a number of major events throughout the year), and a two-lane boat launch. A portion of the city's bike path extends from the Skate Park to the ECHO Center. Parking, vending machines, picnic tables, bleachers and restroom facilities are currently available at the site.

The Burlington Skate Park is located on Lake Street, at Waterfront North. This facility offers rails, ramps and boxes for skateboarders, bikers and in-line skaters. Adjoining the skate park to the north is an illuminated in-line hockey rink, which is flooded in the winter for ice-skating. Both the roller rink and the Skate Park were established in 2001 and are in need of replacement. The community recognizes the popularity, consistency of use and value by having the Skatepark implemented in the Waterfront North Redevelopment project. Preliminary studies have been done identifying alternative off-site locations for the roller rink (RecRink) and potential locations include Oakledge Park and Leddy Park.

The Waterfront North Redevelopment project consists of improvements to the streetscape, parking, pedestrian/bicycle/transit facilities, storm water management system and the undergrounding of overhead utility lines. It is part of an ongoing effort to improve public infrastructure and reclaim Burlington's formerly industrial downtown waterfront in a manner that both drives the regional economy and enriches the community's quality of life. More information on this project can be found through Burlington's Community and Economic

Development Office (CEDO).

(www.cedoburlington.org/waterfront/moran_plant/BTV_Skatepark_PPT_general%20April%202 011.pdf)

Amenities and Activities

- Non-motorized water craft and launch at the Lake Champlain Community Sailing Center
- Festival site (July 3rd, Kids Day, Vermont City Marathon, Discover Jazz, Vermont's Brewer's Festival, Champlain Valley Folk Festival, Dragon Boat Festival, Maritime Festival & Antique Boat Show, USA Triathlon, Burlington Triathlon, Pumpkin Regatta, Go Skate Day, Walk-a-thon)
- Event rental (Weddings, Corporate functions, athletic events)
- Recreational sports: (Frisbee, volleyball, Bike polo, Roller Derby, BMX,
- Waterfront Shelter (Includes seasonal rentals)
- Fishing Pier
- Champlain 400 Plaza
- Gatehouse
- Coast Guard launch ramp
- Passive recreation
- Information booth
- Interpretive panels
- Parking
- Skate park
- Roller rink
- Parking
- Winter Ice Rink
- Skateboarding camps

Operations and Maintenance

- Grounds care (mowing, trimming, irrigation & soil aeration)
- Buildings and restroom management
- Tree, flower and shrub bed care
- Amenity management (lighting, drinking fountains, flag pole, benches & swinging benches)
- Trash collection
- Special event management and coordination
- Memorial and sculpture care
- Snow removal
- Winter ice production
- Gatehouse operations
- Information booth operations
- Boardwalk and rail management
- Signage management
- Launch ramp & dock system operations

Recommendations

- Upgrade Electrical Infrastructure and Electrical components and tie in's to support events
- Replace Skate Park
- Replace roller rink (off-site)
- Update trash and recycle center
- Waterfront Shelter Renovations/Replacement
- Improve signage
- Improve bike parking
- Improve bus/traffic management
- Widen pedestrian walkways
- Improve crossing over railroad tracks (possible addition of crossing arms)
- Improve drinking fountains

Image Inventory



Community Boathouse



Storage shed



Information Booth



Gatehouse



Parking lot



Waterfront Shelter



Waterfront Shelter bathrooms



Waterfront Shelter grill



Fishing Pier signage



Fishing Pier



Wooden benches



Backless wooden benches



Steel benches



Swinging benches



Waterfront Shelter picnic tables



Bike rack



Trash receptacles



Waterfront map



Historical signage



Interpretive panel



Directional signage



Signage



Signage



1993 Hertzel N. Pasackow Award



1991 Amphibian J.T. Williams



2009 "Unfailing Dialogue"-Jarnuszkiewicz



2009 "Unfailing Dialogue"-signage



Steel plaque bench



Champlain 400 Plaza



Coin-operated binoculars



Newspaper vendors



Payphone



Drinking fountains



Power outlets



Power panel



Panel box



Skate Park shelter



Skate Park



Skate Park



Skating Rink



Lighting Security



Park signage



Signage



Sign



Signage

Inventory of Existing Conditions

•City Park • Lake St. / College St. • 13.89 Acres

Location:	Description	Location	Dimension	Quantity/Area
I. Buildings, Structures				
a. Community Boathouse	Wood structure on floating barge with trussed roof and raised seam roofing			7,000 sq. ft.
b. Storage Shed	Shingle sided	Southeast side of Boathouse		1
c. Deck on Boathouse	PT planking and railing connecting Boathouse and shore	3.5' high railing		5,086 sq. ft.
d. Kiosk	Cedar shakes on base and roof, 4 sides	Boathouse dock	Base:4' x 4'; roof- 8'x8'	1
e. Parking & Info Booth	Metal structure, with overhanging arch over entrance; Teal green, parking booth north side, info south side of College Street.	Entrance to Waterfront Park		
f. Waterfront Shelter	Block Construction, wood truss rafters w/ metal roof, 2 restrooms (men and women), and storage room. Open shelter, overhanging roof. 22' stonewall on north side, 2.5' high	North of Coast Guard, West of Water Department, on Waterfront	76′ x 27.5′	2090 sq. ft.
g. Fishing Pier	Pier jutting out over water, pre-cast concrete, Supported on steel piles, steel railings. Light fixtures, Benches and trash receptacles on pier.	Off Lake St., West of Water Department	177' ft. long	

II.Hard Surface Game C	Courts, Equipment			
III. Playground Equipme	ent,Park Furniture			19
		Cul-de-sac,		
		Boardwalk and Phase II, Lake		
		St.		
	Park bench, wooded			6
	construction, swinging from			
	PT wood frame attached by			
	steel joist to concrete pad			
	Steel Benches, permanent	Boardwalk	6' ft. long	12
	Picnic Tables, chained together	Fishing Pier		7
	Picnic Tables, Permanent in	Waterfront		2
	ground	Shelter		
	Bike rack, aluminum	Waterfront		1
		Shelter		
		Adjacent to		
		Spirit of Ethan		
		Allen Office		
IV. Sports Fields, Equipment	None			
V. Site Amenities,				
Miscellaneous				
a. Trash Receptacles	Permanent, steel	Cul-de-sac, boardwalk		9
	Permanent, steel	Entrance deck to Boathouse		2

	Permanent, steel	Fishing Pier		4
	Trash Barrels	Waterfront Shelter		2
	Cardboard Only Dumpster, Gauthier	Next to the Pen		1
	Dumpster / Trash Compacter, Gauthier, Recycle Bins, Glass, Cans, Paper	In Pen		6
b. Signs	No Parking Anytime	Entrance to Cul-de-sac		1
	Burlington Bikeway, routed board, 4	Lake St., Intersection of Bikepath and Cul-de-sac	2" x 10"	2
	vertical attached to PT post			
	Dogs Must be Leashed, vinyl	Bikeway at Cul- de-sac		2
	Caution, Congested Area, vinyl	Bikeway at Cul- de-sac		
	For Your Safety, Please Walk Bicycles,	Entrance to Boardwalk at Cul-de-sac		2
	No In-Line Skating on Boardwalk			
	Welcome, Pedestrians Only, → Bikepath, ← plexiglass, PT wood frame; Bike Path á, Pedestrians ß, vinyl, PT Wood frame	North End of Waterfront Bike Path		1
	Parking by Permit OnlyAttention Boaters, vinyl, PT frame with plexiglass			

window		
1-2-2-1-		
No Swimming, affixed to light		
pole near launch ramp		
Waterfront Park Boat Access,	Entrance	
BPR/Fish & Wildlife, PT frame		
with plexiglass window		
Parking by Permit Only		
RxR	Cul-de-Sac	
	entrance	
Stop sign		1
5.5p 3.g.		·
Burlington Bikepath Safety	Bikepath at	1
Tips	Lake St.	
Burlington Waterfront Park &	Intersection of	1
Promenade 1991	Bikepath and	
	sidewalk	
PT frame with plexiglass	Bikepath and	
window	sidewalk	
viiidevi	sidewant	
Reserved Parking	Parking Lot	4
(Handicapped)	9	
Be Safe, Wear Your Helmet!	Intersection of	1
	Bikepath and	
	College Street	
No Vobiolos Poyond this	Intersection of	1
No Vehicles Beyond this	Intersection of	1
Point	Bikepath and College Street	
	College Street	
No Parking This Side Of Street	By Info booth,	2
-	College St	
DI 1 15 11	D 144	
Please do not Feed the	By Water, path	1
Ducks or Gulls	to Boathouse	

Danger, High Voltage	On back of Plexiglass Waterfront Entrance info sign, Cul-de Sac and sidewalk	2
A Water PlaygroundHistorical Info Sign	Boardwalk	1
A Water HighwayHistorical Info Sign	Boardwalk	1
Lighthouse Signs, North and South Lights; cut in shape of the Lighthouses	Boardwalk, near A Water Highway	2
The Island LineHistorical Info Sign	Intersection of Bikepath / Lake St	1
Danger AfloatHistorical Info Sign	Off Bikepath, by Coast Guard	1
For Everyone's Enjoyment, these Activities Are Prohibited	Fishing Pier	3
Burlington Fishing Pier	Entrance to Fishing Pier	1
No Bicycles, Scooters, Skateboards, Inline Skates	Fishing Pier	1
Picnic Shelter←, Fishing Pier↑, Sailing Center↑, Entrance Sign, Wood, on 2 wood posts	Lake St	1
Lighthouse Info Signs, North and South	Fishing Pier	2

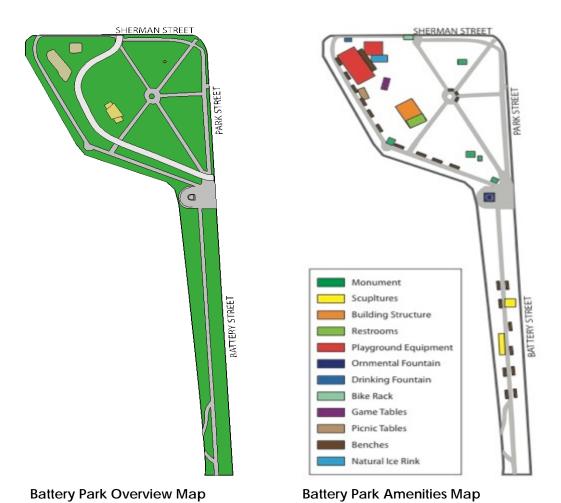
	Free Waterfront Parking	Entrance to Fishing Pier And Waterfront Shelter	1
	Waterfront Park Boat Access	Entrance to Boat Launch	1
c. Monuments	1993 Hertzel N. Pasackow Award, brass plaque affixed to granite upright Burlington Waterfront Park & Promenade,	Entrance to Boardwalk	1
	Burlington Waterfront Park & Promenade, plaque affixed to boulder	RR crossing at College St.	1
	1991 Amphibian (Italics) J.T. Williams, carved granite	North end Phase I	1
	In Celebration of the 30 th Anniversary of Paul, Frank, & Collins, Inc. The Employees Wish to Honor the Members for Their Constant Dedication and Generosity, 1968 – 1998, brass Plaque affixed to park bench	Phase II	1
	"Foundations" Andrew ARP Rivkaw Medow	Parking Lot, affixed to art wall	1
	Steel pole with yard arms, concrete foundation	West end of Island	1
d. Flagpole	Granite	Boardwalk	27
e. Miscellaneous	Coin-Operated Binoculars, Metal Stand	Boardwalk	2
VI. Roads, Parking Are	eas, Gates, Barriers		

a. Service Road,	Lined with boulders, gravel	Phase II	
Festival Site Access			
		Phase II	
b. Barriers		North/South	5
		paths at	-
		Boathouse	
VII.Walkways, Trails, Ste	eps, Retaining Walls		
a. Rock and granite		Along	
slab		waterfront	
VIII. Turf Area			
VIII. Turf Area			
IX. Water, Sanitary, Dra	inage Systems Service and		
IX. Water, Sanitary, Dra	inage Systems Service and		
IX. Water, Sanitary, Dra	Drinking fountain, precast	Cul-de-sac	1
IX. Water, Sanitary, Dra		Cul-de-sac	1
IX. Water, Sanitary, Dra	Drinking fountain, precast	Cul-de-sac Phase II	1
X. Water, Sanitary, Dra	Drinking fountain, precast concrete		
IX. Water, Sanitary, Dra	Drinking fountain, precast concrete Drinking fountain	Phase II	1
X. Water, Sanitary, Dra	Drinking fountain, precast concrete Drinking fountain	Phase II West end of	1
X. Water, Sanitary, Dra	Drinking fountain, precast concrete Drinking fountain Service pit, Bilco steel hatch	Phase II West end of island at Boathouse	1
IX. Water, Sanitary, Dra	Drinking fountain, precast concrete Drinking fountain	Phase II West end of island at Boathouse Phase I, third	1
IX. Water, Sanitary, Dra	Drinking fountain, precast concrete Drinking fountain Service pit, Bilco steel hatch	Phase II West end of island at Boathouse	1
IX. Water, Sanitary, Dra	Drinking fountain, precast concrete Drinking fountain Service pit, Bilco steel hatch	Phase II West end of island at Boathouse Phase I, third swing from	1
IX. Water, Sanitary, Dra	Drinking fountain, precast concrete Drinking fountain Service pit, Bilco steel hatch	Phase II West end of island at Boathouse Phase I, third swing from North end of	1

	Toro irrigation	Phase I, general	5
X. Electrical, Lighting Se	ervice and Exterior		
a. Electrical	Panel box, 6 outlets, Naval & North electric service	Cul-de-sac	
	Panel box/breaker, dock outlets/fire alarm	West end of island	
	Panel box, 200 AMPs	Festival area by telephone pole	
	Panel box, 4 outlets	Phase II intersection of bikepath and sidewalk	
	Panel box, 600 AMPs, 6 outlets	Festival area, Lake St. North end at granite retaining wall	
			4
	Outlets	Phase II, southwest corner of sidewalk	4
	Service pit, bikepath lighting	Adjacent to bikepath, near intersection of Lake Street	2
	Outlets	Boathouse, north path	2
b. Gas	Gas meter	Northeast corner of island at Cul-de-sac	

XI. Fencing, Railings	Aluminum railing	Boathouse, north and South walkways Promenade	219' x 34" high	219 l.f.
	Steel Railings	Fishing Pier		
XII. Specialized Recrea	tion Facilities/Areas			

BATTERY PARK



Description and History

Located at the top of Battery Street in downtown Burlington lies Battery Park, a 14-acre park. This historic park, deeded to the City in 1870, provides a panoramic view of Lake Champlain and the Adirondacks with a promenade, playground, monuments and a bandshell. The park is host to a series of concerts throughout the summer on Thursday and Sunday evenings and the bandshell is

available for use by reservation. In the winter an outdoor skating rink is available for use by the public.

Built as a military camp during the War of 1812, American gunners, aided by the U.S.S. President anchored in the Burlington bay, successfully defended Battery Park against an attack by a British squadron on August 3, 1813. A decorative cannon in Battery Park commemorates this historic battle. Other noteworthy monuments within the park include an 8' bronze statue of Vermont's famous civil war General William W. Wells and a red oak sculpture acknowledging the heritage of the American Indians, named "Greylock" after a renowned Abenaki Indian chief. The Battery Park Extension, developed in 1972, runs from the southern end of Battery Park south to College Street. The extension includes several marble art pieces as well as a memorial fountain and plaza dedicated to Burlington architect and Chamber of Commerce President, Robert A. Metz.

Amenities and Activities

- Event rental (Weddings, Walk-a-thons)
- Festival site (July 3rd, Kids Day, Very Merry Theater, Pet Show)
- Bandshell rental (City Arts Summer Music Series)
- Seasonal vendor (Beansies)
- Playground area
- Picnic
- Recreational sports-(Frisbee, soccer, slack-lining)
- Passive recreation
- Memorial and historical sites
- Winter ice rink
- Bandshell storage
- Indian sculpture

Operations and Maintenance

- Grounds care (mowing, trimming, irrigation & soil aeration)
- Buildings and restroom management
- Tree, flower and shrub bed care
- Amenity management (lighting, drinking & ornamental fountains, flag pole, benches & tables)
- Trash collection
- Special event management and coordination
- Memorial and sculpture care
- Signage management
- Snow removal
- Winter ice production
- Playground care

Recommendations

- Improve bandshell roof and doors
- Improve center Island (current design makes it hard to maintain the area through different seasons)
- Improve lighting on edges of park on the east side between Sherman Street and Park Street
- Improve health of lawn with an irrigation system
- Add an additional power source for events
- Repair and replace benches
- Replace playground surface

Image Inventory



Swing set



Game tables



Playground



Slide/climbers



Bike rack



Benches



Benches



Wooden Benches



Picnic tables/benches



Bandshell (front view)



Bandshell (signage)



Bandshell (back view)



Bandshell (restrooms)



Glider Swing



Ornamental fountain



Drinking fountain



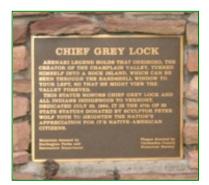
Standard municipal service



Catch Basin



Grey Lock Chief Statue



Grey Lock Chief



Major General William Wells



Artillery gun



Naval gun



Battery Stone Rock



Sculptures



"Gnome" Sculptures



Trash receptacles



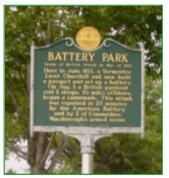
Flagpole



Park Signage



Dog Signage



Historical Signage



Memorial

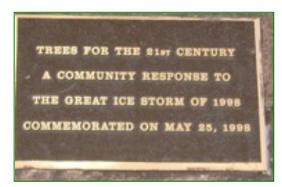


Memorial

Dedication



Memorial



Memorial



Inventory of Existing Conditions

•Special Use • Park St./Sherman St./ Monroe St./ Battery St. • 14 Acres

I. Buildings, Structures				
a. Restrooms, Bandshell, Maintenance	Poured concrete slab, masonry unit construction, wood shed roof, asphalt shingles	North central	30' x 70'	21,000 sq. ft.
b. Restrooms	Men's - 1 water closet, 1 urinal, 1 lavatory, (H), Lock #3210		10' x 12'	120 sq. ft.
	Women's - 2 water closets, 1 lavatory (H), Lock #3210		10' x 12'	120 sq. ft.
c. Bandshell			32' x 37'	1,110 sq. ft
d. Maintenance Room			16 1/2' x 20'	330 sq. ft.
II. Hard Surfaced Game Courts, Equipment	None			
III. Playground, Equipment, Park Furniture				
a. Impact Area	Pea stone, 2" x 6" PT wood edging	Playground, north central	31' x 75'	2,325 sq. ft.
b. Playground Equipment				
	Climber - 6" x 6" wood construction, tire swing, parallel bars, monkey bars, 2 steering wheels, slide, chain ladder, hanging bridge, hanging rings, wire climbing rope	Playground area		1
	Climber - 6" x 6" wood construction, tower design with 8' tube slide	Playground area		1
	Slide - Aluminum slide bed	Playground area		

	Swing set - tot size, 2 bucket seats (Mexico Forge)	Playground area		1
	Swing set - 4 seat	Playground area	12' w x 54'l x 14'h	1
	Spring animals - 1 motorcycle, 2 birds, 1 teeter totter	Playground area		4
c. Park Furniture	Picnic Tables - permanent, steel frame, 4" x 6" x 6' wood seats and top	South, impact area		2
	Park benches - permanent, steel frame, 2" x 4" x 6' wood seats and back (VT Iron Co.)	West along lake path		6
	Park benches - permanent, steel frame, 4" x 4" x 4' wood seats, 2" x 10" x 38" backs	Lower fountain area		10
	Park benches - permanent, steel frame, 2" x 4" x 6' wood seats and back	Center, main walkway		8
	Park bench - permanent, steel frame, 4" x 4" x 6' wood seat and backs	West, impact area		3
	Stools - poured concrete, 18" h x 24"w	Upper fountain area		9
	Glider swing - galvanized steel frame with aluminum slat seat	Adjacent to flag pole, south of bandshell	8'	1
	Game tables - checkerboard, 4 seats, table (wood) white stone pad (5' x 5')	North of bandshell	2' x 2' x 31" h	2
	Picnic bench - shop made, north	North central		1

IV. Sports Fields, Equipment	None		
V. Site Amenities, Miscellaneous			
			_
a. Trash Receptacles	20 gallon containers- permanent wood slat holders	Western Walkway	3
	20 gallon containers- permanent wood slat holders	Center/Main Walkway	2
b. Signs	Handicapped Parking 12" x 18" aluminum, no post	Entrance Gate	2
	No Parking 12" x 18", aluminum	Entrance Gate	
	No Left Turn 24" x 30" aluminum, steel post	North side, Exit Road	1
	Do Not Enter, 30" x 30" aluminum, 1 steel post	North/South side Exit Road	2
	Battery Park Closed to Vehicles, 24" x 30" aluminum, 3 steel post	Sherman St, North Ave., Entrance Gate	3
	Feeding of Seagulls prohibited \$50 minimum fine, 12" x 18" aluminum steel post	North	3
	2 hr. parking, 12" x 18" aluminum steel post	North (along parking lot)	1
	No Glass Bottles, 12" x 18" aluminum steel post	North (along parking lot)	1
	Authorized Vehicles Only, 12" x 12" aluminum steel post	North (along parking lot)	1
	Dogs Must be Leashed, 12" x 18" aluminum	North (along parking lot)	1

	steel post			
c. Planters	Precast concrete, 23" h x 30" w	Lower Fountain Area		5
	Precast concrete, 18" h x 44" w	Lower Fountain Area		2
d. Monuments/Memorials/Sculptures				
	Chief Grey Lock, wood statue, stone masonry base	Northeast side of park		1
	Major General William Wells, Civil War, copper statue with granite base	Northwest upper fountain		1
	WW II Artillary Gun	East of Wells statue		1
	The Battery, stone rock with plaque dated 1812	Southeast of Artillary Gun		1
	Naval Gun, dated 1865, (SMcM & Co #97, steel)	West Central		1
	Memorial – Howard Plant, Granite, 10" x 24"	East of Playground		1
	Sculpture – Marble, assorted designs and sizes	Battery Extension		5
	Sculpture – Marble, gnome leaning against mushroom	Battery Extension		1
e. Flag Poles	Steel construction	Central	65′ H	1
VI. Roads, Parking Areas, Gates, Barriers				
a. Roads	Park service road, asphalt with concrete curbs east side and asphalt curb	Northwest	12' x 820'	9,840 sq. ft.

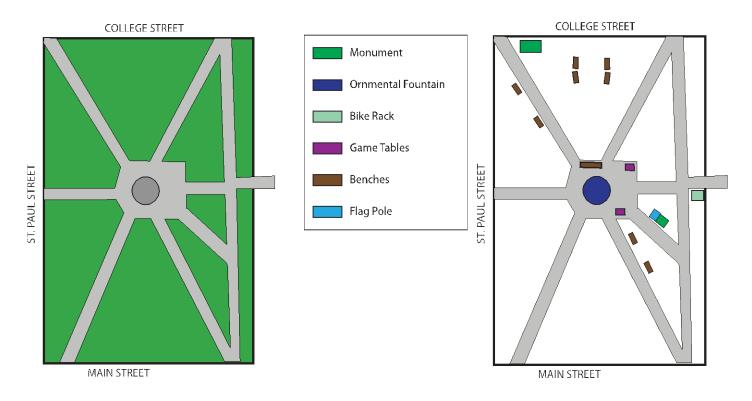
b. Gates	Wrought iron gate, 2 Lock #2396	Gen. Wells Monument	2 ½′ H	
c. Barriers	Granite bollards	Main Entrance/Sherm an St.	30 lf	30 lf
VII. Walkways, Trails, Steps, R Walls	etaining			
a. Walkways	Asphalt	Main Walk- North/South	8′ x 560′	4,480 sq. ft.
	Asphalt	Stone Wall Promenade	8′ x 780′	6,240 sq. ft.
	Asphalt	Auxiliary, Upper Central Area	5′ x 560′	2,800 sq. ft.
	Crushed stone	Extension	35′ x 876′	30,660 sq. ft.
	Concrete construction – poured	Lower Fountain Area – East	5′ x 250′	1,250 sq. ft.
	Concrete construction – poured	Park & Sherman St.	5′ x 720′	3,600 sq. ft.
b. Steps	Poured concrete construction w/handicapped ramp	Upper Fountain- South	10′ x 26′	260 sq. ft.
	Poured concrete construction	Upper Fountain- East	7′ x 60′	420 sq. ft.
	Poured concrete construction w/handicapped ramp	Cherry St. Plaza- South	22′ x 36′	792 sq. ft.
	Poured concrete construction	Cherry St. Plaza -East	9′ x 51′	459 sq. ft.
	Poured concrete construction	Lower Fountain Area	4' x 42'	168 sq. ft.
	Poured concrete construction	Lower Fountain Area	8′ x 20′	160 sq. ft.
	Poured concrete construction	Lower Fountain Area	5′ x 22′	110 sq. ft.
	Poured concrete construction	Lower Fountain Area	10′ x 38′	380 sq. ft.
	Poured concrete construction	Lower Fountain Area	5′ x 31′	155 sq. ft.

Poured concrete	Upper Fountain-	3'h x 40'	121 If
construction	Fountain	J X 10	131 lf
Poured concrete construction	Upper Fountain -Plaza	3'h x 131'	340 lf
Poured concrete construction	Cherry St. Plaza- West Side Walk	3′ h x 70′	70 lf
Poured concrete construction	Lower Fountain Area	3' h x 340'	340 lf
	Upper Area & Extension	Irregular	5.3 Acres
Water Service pit, precast concrete, 2' service and meter, 22' round steel cover	Extension Walkway		1
Water Service, 2" service and meter	Bandshell Building		1
Ornamental Fountain, poured concrete, 11 radius, Lock to pump filter #3206	Extension, Upper		1
Lock to pump filter #3206			
Ornamental Fountain, granite pedestal	Extension, Lower Plaza Extension		1
Turf Irrigation System, TORO			1
Standard Municipal Service	Bandshell Building		1
Catch Basin, 20' x 20' grate	Extension, Walkway		3
Catch Basin, 24′ x 24′ grate	Extension, Lower Plaza		1
Catch Basin, 16′ x 29 ½″ grate	Service Road		3
	Poured concrete construction Poured concrete construction Poured concrete construction Water Service pit, orecast concrete, 2' service and meter, 22' round steel cover Water Service, 2" service and meter Ornamental Fountain, poured concrete, 11 radius, Lock to pump filter #3206 Lock to pump filter #3206 Lock to pump filter #3206 Ornamental Fountain, granite pedestal Fountain, granite pedestal Fountain, granite pedestal Fountain, System, TORO Standard Municipal Service Catch Basin, 20' x 20' grate Catch Basin, 24' x 24' grate Catch Basin, 16' x	Poured concrete construction Upper Area & Extension Water Service pit, orecast concrete, 2' service and meter, 22' round steel cover Water Service, 2" Water Service, 2" Bandshell Building Pouramental Extension, Upper Concrete, 11 adius, Lock to oump filter #3206 Lock to pump Extension, Lower Plaza Extension Catch Basin, 20' x Extension, Walkway Catch Basin, 20' x Extension, Lower Plaza Catch Basin, 16' x Service Road	Poured concrete construction Upper Area & Irregular Extension Walkway Poured concrete construction Upper Area & Irregular Extension Walkway Poured concrete, 2' service and meter, 2' round steel cover Water Service, 2" Bandshell Building Pour Area & Irregular Extension Walkway Extension, Upper Upper Construction Extension, Upper Concrete, 11 adius, Lock to pump filter #3206 Cock to pump Filter #3206 Cock to pump Filter #3206 Cornamental concrete, 11 Countain, granite pedestal Extension, Lower Plaza Extension Extension Extension Extension Extension Extension Countain, TORO Standard Bandshell Building Catch Basin, 20' x Extension, Walkway Catch Basin, 20' x Extension, Lower Plaza Catch Basin, 24' x Extension, Lower Plaza Catch Basin, 16' x Service Road

X. Electrical, Lighting Systems Service & Exterior	,			
a. Electrical	Electrical Service, square D breaker box, 120/240V, 100 AMP, with meter	Bandshell Building		1
	Electrical Service, square D breaker box, 120/240V, 100 AMP, with meter, Allen Bradley, Pump Controls (3), Paragon Time Clocks (2) Lock #3210	Upper Fountain Complex		1
b. Security Lighting	175 W, Mercury vapor, ornamental globe fixture,	Extension		20
	400 W, HPS Lucalox Luminaires, w/30' cast concrete poles (BED)	Service Road		7
	175 W, Mercury Vapor, ornamental dome fixture, on stone masonry pillars(P&R)	Service Road, No. Avenue Entrance		2
	150W, HPS Lucalox Flood(BED)	Upper Area, to Service Flag Pole		1
	400W, HPS Lucalox Flood(BED)	Sherman St., North Perimeter		1
	175 MH Moldcast Washington Contra/Cline	Walkway, Main		5
XI. Fencing, Railings				
a. Fencing, Other	Wrought Iron – ornamental	Upper Area, Gen. Wells Monument	4′ x 100′	400 lf

	Wrought Iron- ornamental	Upper Area, H. Plant Monument	4′ x 32′	32 lf
b. Railings	2' steel pipe construction, 2 rails with stone masonry post	Upper Area, Observation	40" x 42"	42 lf
XII. Specialized Recreation Facilities/Area				
a. Natural Skating Rink	Dirt berm – oval	Upper, North	71′ x 49′	3,479 sq. ft.

CITY HALL PARK



City Hall Overview Map

City Hall Park Amenities Map

Description and History

Located in between Main Street, St. Paul Street, and College Street is the 2.31 acre park. In the 1800s, what was then called Courthouse Square was the heart of Burlington's retail district. Conveniently located on the route to Winooski Falls and on a major route from the South, it provided a courthouse, jail, two inns, and a growing number of shops. The great hotels once dominating life in the square are long gone. The last was the Hotel Vermont (1913) on the southeast corner of Main and St. Paul, which is now an apartment building.

In 2004, City Hall Park was restored with the support of both public and private funds from organizations such as the Rotary Club. The restoration included a new fountain, seating areas and walkways. City Hall Park is home to the Burlington Farmer's Market which runs every Saturday

from early May through October from 8:30 a.m. - 1:30 p.m. and features local farmers, bakers and craftspeople.

The City was recently awarded the "Our Town Grant", which provides funding to develop a new vision and master plan for City Hall Park. This effort was initiated in the fall of 2011 with an "Imagine..." campaign to gather community and city departmental input. More information can be found through the BCA (Burlington City Arts).

Amenities and Activities

- Event rental (misc. performing arts)
- Farmer's Market
- Picnic
- Passive recreation
- Memorial sites
- Demonstrations/civic gatherings
- Chess tables

Operations and Maintenance

- Grounds care (mowing, trimming, irrigation & soil aeration)
- Buildings and restroom management
- Tree, flower and shrub bed care
- Amenity management (lighting, ornamental fountains, flag pole, benches & tables, granite & steel pipe railings)
- Trash collection
- Special event management and coordination
- Monument care
- Snow removal
- Signage management

Recommendations

- Relocate the Farmers Market from the park to adjacent streets (St. Paul & College): high volume foot traffic during the Farmer's Market compacts soil and destroys grass, moving the event off the park would greatly improve the health and longevity of the lawn
- Improve turf drainage (currently there is poor storm water drainage resulting in the erosion at edges of sidewalks)
- Rehab/replace/reconsider central ornamental fountain
- Reconfigure central area to improve winter plowing (currently sharp corners meet at the center of the park making it difficult to keep plow on the sidewalks with plows – this results in turf damage)
- Replace game tables/seating

Image Inventory



Benches



Benches



Chess tables





Millennium sculpture/signage



Gold Star Mother's monument



Trash receptacles



Interpretive panel



Park Signage



Signage



Park Signage



Dog signage



Flagpole



Bike rack



Dog bag dispenser



Newspaper vendor



Ornamental fountain



Ornamental fountain signage



Ornamental Lighting

Inventory of Existing Conditions

•Special Use • Main St./ St. Paul St./ College St. • 2.31 Acres

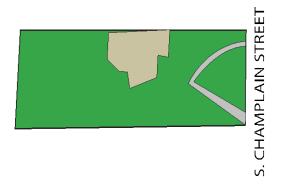
Facility/Equipment/Installations	Description	Location	Dimension	Quantity/Area
I. Buildings, Structures	None			
II. Hard Surfaced Game Courts, Equipment				
III. Playground Equipment, Park Furniture				
a. Park Furniture	Park benches, permanent, cast iron frame with wood seats and backs all 4' benches			32
	Park backless benches, permanent, cast iron frame with wood seats and backs, 4'.			10
	Tables, chess, granite construction, 2' x 2' tops with 8" x 8" granite upright.			5
	Sitting bollards, pre-cast cement, stone facing.	General Plaza & Fountain Area	2'w x 30"h	6
IV. Sports Fields, Equipment	None			
V. Site Amenities, Miscellaneous				
a. Trash Receptacles	Steel construction, 23 gal. containers, Timberform Renaissance 2811-OT-P			7

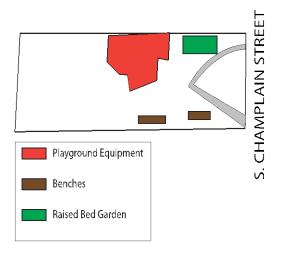
	steel			
b. Monuments, Memorials, Sculptures	Revolutionary War Monument, Granite	Northwest corner	7 ½' x 7 ½' base	1
	Gold Star Mother's Monument, Granite	East Central	2' x 5' base	1
c. Flagpoles	Steel pole	East Central	35′	1
d. Miscellaneous	Performance area, poured concrete tiers with paving brick basin area	Southeast	27' x 50'	1
	Newspaper Venders	North Entrance/ College St.		5
	Dog Bag Dispenser	North / College St. Entrance		1
	Verizon Pay Phones	South End		4
	Steel bike rack with 28' diameter hoops	East Central		
VI. Roads, Parking Areas, Barriers	None			
VII. Walkways, Trails, Steps, Retaining Walls				
a. Walkways	Interior walkways, poured concrete			8,172 sq. ft.
	Exterior walkways, poured concrete			12,042 sq. ft.
b. Central Plaza Area	3,900 sq. ft. with new Boren Brick Co., "Plaza Blend"		4" x 8" x 1 5/3	8" pavers
c. Ornamental Stone Fountain	Poured concrete, water supply and controls in City Hall basement		40" diameter	1

d. Performance/Sitting Area	Poured concrete construction, semi-circle with 50' diameter	West of City Hall Steps		
e. Fence	Steel pipe rail with 8" x 8" granite vertical posts individual fence sections		322 linear feet	12
f. Lighting	Steel column posts with cast iron slip-over base and 175 watt M.H. Acorn luminaires			22
g. Tree Grates	5' square cast iron tree grates in 2 pieces, Neenah R-8713 180 square, with equal number of 5' vertical steel tree guards			16
i. Meter Service Panel	Continuous rated 120V, 30 AMP leg with 3 duplex outlets			
j. Signage	City Hall Park sign with logo approximately 24" x 20" with clamp assembly to light post		24" x 20"	1
	City Hall Park sign approximately 24" x 6" with clamp assembly to light posts		24" x 6"	1
	Park Watch signs Dogs Must Be Leashed		12" x 18"	
	Dogs Must Be Leashed	College St. Entrance, lightpost		2
	Park Closed Midnight – 6 am	College St. Entrance		1

VIII. Turf				
a. Premium		General		
XI. Water, Sanitary, Drainage Systems – Service & Exterior				5
a. Water	Ornamental fountain, poured concrete, water supply and control in City Hall building		40' diameter	1
X. Electrical, Lighting Systems, Service & Exterior				
Service & Exterior			Irregular	1.8 acres
	26-175W mercury vapor ornamental globe fixtures with 26 aluminum posts (P&R)	Walkways	Irregular N/A	1.8 acres 26
a. Ornamental Lighting XI. Fencing, Railings	ornamental globe fixtures with 26	Walkways		

CHAMPLAIN STREET PARK





Champlain Street Park Overview Map

Champlain Street Park Amenities Map

Description and History

Champlain Street Park is a 0.2 acre public park located in an urban landscape on the west side of South Champlain Street near downtown Burlington. A western view corridor allows scenic views of Lake Champlain. It was purchased by the City of Burlington in 1952. Champlain Street Park has 4 raised garden beds and offers a small playground with a climbing structure, swings and benches in a peaceful setting.

Amenities and Activities

- Playground area
- Bench
- Passive recreation
- Garden site (4 raised beds)

Operations and Maintenance

- Grounds care (mowing, trimming)
- Tree care
- Amenity management (fence & benches)
- Trash collection
- Playground care

Recommendations

- Improve views and access through fence and tree removal
- Improve security by installing lighting

Image inventory



Playground equipment



Wooden benches



Park signage



Raised garden beds



Open Turf

Inventory of Existing Conditions

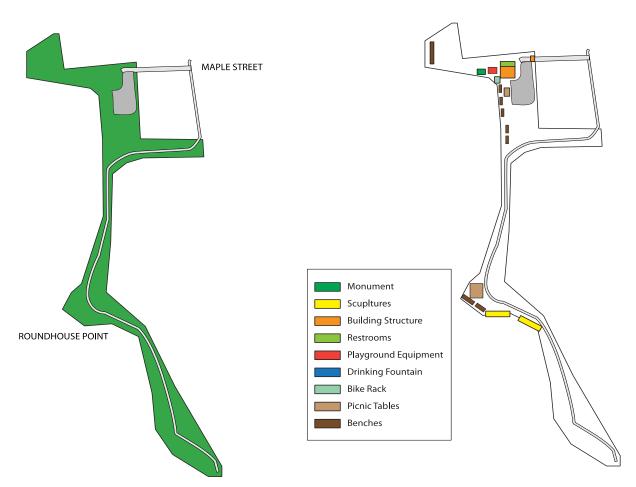
•City Park • South Champlain St. • 0.2 Acres

Facility/Equipment/Installations	Description	Location	Dimension	Quantity/Area
Buildings, Structures	None			
II. Hard Surfaced Game Courts,				
Equipment				
III. Playground Equipment, Park Furniture				
a. Playground Equipment				
	Swing set - 4 seat, (Burke)	West end	9'w x 18'l x 9'h	1
	Preschool play structure (the Balsams CD42120, 4/6/98)	North Central	22' x 36' Irregular	1
b. Park Furniture				
	Park benches, permanent, PT wood	General	n/a	3
	Picnic table, permanent, PT wood			

IV. None				
V. Site Amenities, Miscellaneous				
a. Trash Receptacles				
	55 Gal. barrels	General	n/a	1
b. Signs	Park entrance sign, PT wood, plexiglass	East entrance		1
VI. Roads, Parking Area, Gates,				
Barriers - None				
VII. Walkways, Trails, Steps, Retaining Walls - None				
VIII. Turf Area				
a. Landscape		General	Irregular	.1 acres
IX. Water, Sanitary, Drainage Systems - Service & Exterior	None			
X. Electrical, Lighting Systems, Service	None			

& Exterior				
XI. Fencing, Railings				
a. Chain Link Fencing				
	a. 2" x 9 gauge, rusted	Southwest, north perimeter	8" x 270"	270 lf
	b. 2" x 9 gauge galvanized			
XII. Specialized Recreation Facilities/Areas				
		General		
Playground Area	Open, turf		45' x 135'	6,075 sq. ft.

PERKIN'S PIER & ROUNDHOUSE POINT



Perkin's Pier & Round House Overview Map

Perkin's Pier & Round House Amenities Map

Description and History

Located at the foot of Maple Street, Perkins Pier is a 7 acre popular destination for boaters and sightseers and an ideal location for watching the sunset over Lake Champlain. Perkins Pier offers a public park, playground, 84 seasonal boat slips, 23 moorings, boat rentals, a 4-lane public boat launch, dinghy storage for moorings and anchorage areas, public restrooms, and public parking. A portion of the City's bike path extends along the shoreline from Perkin's Pier to Roundhouse Point. Perkins Pier is available for special event use by permit only.

Amenities and Activities

- Event rental
- Festival site (July 3rd)
- Playground area
- Picnic
- Passive recreation
- Memorial sites
- Boat rental
- 84 Dock slips and 23 seasonal moorings
- Bike Path-Recreational Trail
- Landing Site (Lois McClure canal boat historical replica)
- Pump-out station
- Public art
- Launch ramp
- Gatehouse
- Parking (Main component of the area)

Operations and Maintenance

- Grounds care (mowing, trimming & soil aeration)
- Lyman building/restroom management
- Tree, flower and shrub bed care
- Amenity management (lighting, benches, tables & fences)
- Trash collection
- Special event management and coordination
- Monument care
- Snow removal
- Signage management
- Gatehouse operations
- Seasonal marina operations
- Dock system and mooring field operations
- Launch ramp dock systems
- Bike Path care
- Parking lot management

Recommendations

- Develop seasonal vending opportunities for the entire area
- Improve Bike Path: Sections of path in this area are low in elevation and particularly vulnerable to flooding when the lake level is high.
- Improve shoreline in this area to reduce undermining and to protect the bike path/adjacent areas
- Improve parking lot: existing lot slopes toward the lake and is in need of regrading and paving

- Form an agreement with LCT for Parks to manage their North parking lot during winter season (P&R would handle the maintenance and rights to lease out parking during the season)
- Improve signage and add a kiosk
- Consider expanding resources and public infrastructure along the property in order to maximize recreation potential and public access to the waterfront that is consistent with working planning initiatives
- Replace the Lyman Building: The Lyman Building served as a maritime museum and public rest room until the spring flooding of 2011. Since Spring the public rest rooms have been the only component of the building that was able to be used pending repair construction. The existence of this publicly owned building provides an opportunity to a number of different development options.
- Replace existing moorings with several new docks
- Relocate gatehouse: current location is in close proximity of the bike path causing congestion when there is high volume of cars entering/bikers crossing
- Update park furniture (replace wood benches with steel)
- Improve lighting, currently inadequate in both the park and parking lot
- Add a city-owned fuel dock
- Restoration of shoreline and public access points to Lake Champlain, much of which is/was damaged by seasonal flooding
- Asphalt repair
- Improve signage
- Consider site for holding small scale special events
- Replace paved walkway around bulkhead

Image Inventory



Lyman building



Gatehouse



Playground equipment



Wooden benches



Roundhouse Point wooden benches



Picnic tables



Lake Champlain "Champ" monument



Interpretive panel



Dr. Charles Perkins monument



Docks



Park Sign



Boat ramp



Parking area



Stone sculptures



Stone sculptures



Wooden bike rack

Inventory of Existing Conditions

•Special Use • Maple St – West Terminus. • 7.0 Acres

Facility/Equipment/Installations	Description	Location	Dimension	Quantity/Area
I. Buildings, Structures				
a. Restroom/Maintenance Office Combo "Lyman Building"	Poured concrete slab, masonry unit construction with 4" brick facing, flat roof with metal decking and built-up asphalt surface. Mural painted on back		34′ x 48′	1,632 sq. ft.
1. Restrooms	Men's – 1 water closet, 1 urinal, 1 lavatory		7′ x 9′	63 sq. ft.
	Women's – 1 water closet, 1 lavatory		8′ x 9′	72 sq. ft.

	Alcove - entry		9′ x 11′	99 sq. ft.
2. Maintenance	Includes utility room, staff restroom with 1 water closet,		9′ x 18′ &	330 sq. ft.
	1 lavatory		12' x 14'	
3. Office	Includes front entry, lobby & 3 offices		11′ x 12′,	1,101 sq. ft.
			22′ x 25′,	
			14′ x 20′,	
			6′ x 8′	
			8' x 6' 2"	
b. Gatehouse	Poured concrete slab, wood frame, wood clapboard siding, standing seam metal roof	Entrance		
II. Hard Surfaced Game Courts, Equipment	None			
III. Playground Equipment, Park Furniture				
a. Impact Area	2" x 6" PT wood edging – pea stone surface	West of Lyman Bldg.	28′ x 35′	980 sq. ft.
b. Playground Equipment	•Multiple Chain Ladder, red, green and yellow	All West of Lyman Bldg.	n/a	
	See-Saw, red and black, tires underneath			
	•Slide, Green, red and			

	 Tire Swing, black tire, blue structure 			
	 Swing Set, 1 small child seat, 1 regular swing 			
c. Park Furniture	Park benches, permanent, steel frame, 4" x 4" wood seats and back, (Mexico- Forge-Colonial-MD#175-008)	West lawn area - Pier	8'	11
	Park benches, permanent, steel frame, 3" x 4" wood seats and back, (Victor- Stanley #22)		6'	5
	 Park bench, wood/steel construction, moveable 		6′	3
	 Picnic tables, permanent, steel frame, 4" x 4" wood seats and top (Victor- Stanley CPZR) 		15′	1
IV. Sports Fields, Equipment	None			
V. Site Amenities, Marina, Miscellaneous				
a. Signs	Gate Admissions sign, 24" x 24" aluminum	Gatehouse	n/a	1
	Stop, 24", on-wheel mounted post	Entrance road	n/a	1
	Stop, 24", 1 steel post	Exit road	n/a	1
	Exit, 18" x 18" aluminum	Exit road	n/a	1
	No Glass Bottles, 12" x 18" aluminum	General	n/a	2

Enter, 18" x 18" aluminum	Entrance	n/a	1
Perkins Pier Closed to Vehicles 11 PM to 6 AM Except by Permit, 24" x 30", 1 steel post	Entrance	n/a	1
Parking for Vehicles with Trailers Only, 18" x 24", aluminum, 5 steel post	Old trailer parking area	n/a	10
Tow Away Zone, aluminum		n/a	10
No Parking, 12" x 18" aluminum, 6 steel post		n/a	4
Handicapped parking, 12" x 18" aluminum, 2 steel posts	North of building	n/a	1
Parking for Vehicles Only, 12" x 18" aluminum 10 steel post	Gravel Parking Lot	n/a	1
Park for Vehicles with Trailers Only, 18" x 24", 2 steel post	Gravel Parking Lot	n/a	1
Park Entrance sign, 2" x 10" boards – 3, 10' wide	Left of exit road	n/a	2
No Swimming, 12" x 18", aluminum		10' wide	1
No Parking Tow Away Zone, 12" x 18" aluminum			2
Bike Path-Dept. of Parks and Recreation, 2" x 10" boards (3)			1
No Parking 1 AM – 6AM, 12" x 18" aluminum			1
No Fishing on Dock After Dusk	Ramps, entrances		3

	"Ground Beneath Your Feet" Info Sign	At Piers End		1
b. Monuments	Lake Champlain Monument "Champ", granite, owned and maintained by VT Lottery Commission	West lawn area pier	10" x 36"	
	Dr. Charles Perkins Monument, brass plaque, affixed to v	Southwest corner of pier		1
	Playground Dedication Plaque	In front of Playground		
c. Marina	Boat Docks: Main docks 23 – 5' x 15', 1 – 5' x 10', 4 – 5' x 12', 1 – 6' x 10', with styrofoam billets			29
	Boat Docks: Finger docks 46 - 4' x 12', 2 - 2' x 10', 5 - 2' x 12', styrofoam billets			53
	Pedestrian ramps to main docks 2 - 4' x 8', 1 - 3' x 8'			3
	Launch ramp docks 2 – 6' x 16' with styrofoam billets			2
	Public docking 4-6' x 12 ½', 1 – 6' x 6' x 7' triangle			5
	Dinghy dock, 10' x 70'			
	Dinghy dock, 8' x 60'			
	Pedestrian ramp to dock, 3' x 24'			
	Bridge landing, 4' x 10'			
	Misc. anchors with ½" welded galvanized chain & strofoam/plywood floats	Boat slip basin		18

	Mooring buoys with 6' x 6' x 1 ½' poured concrete anchor, ½" welded galvanized chain, ½" x 15' nylon pennant			20
	Pilings – treated poles – 16 individual pilings & 4 groups of 3.			28
	Launch ramp – poured concrete surface, for boats & trailers	North central	65′ x 70′	1 – 4,550 sq. ft.
	Launch ramp – poured concrete surface, for dinghies, car top boats	Southwest	10' x 20'	1 – 200 sq. ft.
	Dinghy locking bar, 2.5" galvanized steel pipe	South of dinghy ramp	2 ½" x 45'	1 – 45 l.f.
d. Miscellaneous	Public pay phones, 2, (Bell- Atlantic)	North of Lyman building		
	Marine VHF whip antennae, fiberglass, (Shakespeare)	Behind Lyman building mounted to shed		
	 Bike rack, permanent, 4" x 6" PT wood construction with attachment hardware, 8 bollards, 16 bicycles 			
VII. Roads, Parking Areas, (Barriers	Gates,			

a. Roads	Service road/pedestrian walkway, asphalt surface	Lyman building to public docking area	10' x 480'	4,800 sq. ft.
b. Parking Areas	Asphalt surface, 26 vehicles with trailer spaces, 2 handicapped only spaces	Northeast section	Irregular	33,100 sq. ft.
	Gravel surface, 79 vehicles only, 51 vehicles with trailer only	Southeast & south central sections	Irregular	71,400 sq. ft.
c. Gates	Main vehicle entrance/exit gates, 2 - 9" poured concrete post, 2 - 6" x 8" PT wood post, 13', opening each side, ¼" x 26' chain, Lock #2396 (2)	Maple St. entrance	2 @ 13′	2
	Service vehicle gate, 2 – 6" x 8" PT wood post, 5/16" chain x 15 ½', Lock #2396	Northwest corner of Lyman building	15 ½′	1
d. Barriers	Granite vehicle curb stop	Northeast property boundary	138 l.f.	138 l.f.
	8" x 8" PT timber	Southeast of Lyman	225 l.f.	225 l.f.
VIII. Walkways, Trails, Steps, Retaining Walls				
a. Walkway	See Section VI - 1 - A. Service Road /Pedestrian Walkway			
	Asphalt, walkway/bicycle path	East & south boundary	8′ x 560′	4,480 sq. ft.

	Gravel surface	East, south & west side of Lyman building	8′ x 165′	1,320 sq. ft.
b. Steps	Public restroom access – steps & handicapped access ramp, 8" x 8" x 42" PT wood steps (3) and asphalt surface ramp – 43" x 24'	Public restroom access- north side of Lyman Building	2" x 3 ½'	1
c. Retaining Walls	Bulkhead, wood pilings and sheating	Dock slip area	625 l.f.	
	Bulkhead, granite block	Northwest peninsula	317 l.f.	
	Stone rip-rap	Southwest shoreline	370 l.f.	
	8" x 8" PT timber	Northeast corner, Lyman Building	3′ x 10′	
VIIII. Turf Area				
a. Park Landscape	General	General	Irregular	
IX. Water, Sanitary, Drainage Systems, Service and Exterior				
a. Water	Water service, ¾" copper w/ ¾" meter, ¾" galvanized pipe on bulkhead with 6 – ¾" hose bibs	Bulkhead/b oat	n/a	1
		Docks		
	Water service – ¾" copper with 1" meter	Lyman Building	n/a	1

	Water service – meter #39458069	Perkins Pier bulkhead		1
b. Sanitary	Forced main – sewer pump station-maintenance by Wastewater Division	Northeast corner	n/a	1
c. Dump Station	Concrete bulkhead with steel hatch	Northeast corner of Lyman Building		1
X. Electrical, Lighting Systems, Service and Exterior				
a. Electrical	Electrical service, 4-30 AMP and 1-15 AMP with meter and 110V duplex outlet	Bulkhead Electrical	n/a	1
	Electrical service, G.E. breaker box, 120/240V, 225 AMP	Lyman Building		1
	110V GFI Duplex outlets	Bulkhead/B oat docks	n/a	3
	Outlet, 20 AMP breaker with marine receptacle	West lawn area Commercia I Wharfage - Zone B	n/a	1
	Electrical service	Gatehouse		1
XI. Fencing, Railings				
a. Fencing, Other	6" x 8" PT wood post-4 ½" spacing, no cable	West of new parking lot	3′ x 361′	361 l.f.
	6" x 8" PT wood post-with wire cable	East property	3′ x 489′	

		boundary	
b. Railings	2" x 6" PT wood construction	Restrooms- handicapp ed access ramp	3 ½" x 30'
	2" x 6" PT wood construction and ramp	Public docking- deck	3 ½" x 11'
XII. Specialized Recreation Facilities/Areas	None		
a. Roundhouse Point			
	Benches, wood, steel frame	On Bikepath and loop	
	Picnic Tables, attached benches	On Roundhous e point loop	
	Stone Structures, various designs and carvings	1 in center of loop, others line bikepath	
	Bike Rack, 6 wooden posts for tie up	South end of point, on bikepath	
	Signs		
	 Perkins Pier and Bikepath Directional Sign 	At edge of Perkins/ Roundhous e, on	

2011 Plan BTV

	bikepath
Picture of Biker, Champlain	South of
Bikeway	Roundhous
	е
 Garden Sign, wood 	In front of
framed	Public
	Works
	Building
•Roundhouse Entrance Sign	At Entrance
	to Park by
	Parking Lot

BIKE PATH

*Bike Path is marked by RED line



Description and History

Burlington's Waterfront Bike Path in total is 7.6 mile. It is a recreational route that runs from the southern end of Burlington at Oakledge Park to the northern end at the Winooski River, where it connects via the bike path bridge to the Colchester Bike Path. In the study area, 1.2 miles of the path is present. The Bike Path rides along the Lake Champlain shoreline, offering wonderful views of the lake and the Adirondack Mountains to the west. The bike path links six major waterfront parks, along with the Burlington High School and the central Waterfront district.

Initially used as a railroad bed for the Rutland and Burlington Railroad companies, the conversion from rails to trails concept began in 1973. With the help of State and federal funding, Burlington's Bike Path was completed in 1986. Utilized by an estimated 150,000 bicyclists, walkers, joggers and in-line skaters annually, the Bike Path is among Burlington's most popular amenities. The free College Street shuttle is a primary link from the Bike Path to downtown Burlington and the University of Vermont.

Amenities and Activities

- Commuter path for bikers
- Access to restaurants, bars, eateries, shopping, and etc.
- Summer recreation: running, walking, biking, rollerblading, etc.
- Winter recreation: snowshoeing, cross-country skiing, etc.
- Provides access points to shoreline, parks, beaches

Operations and maintenance

- Grounds care (mowing, trimming & sweeping)
- Tree & hedge care
- Amenity management (fencing)
- Trash collection
- Path surface repair
- Signage management
- Overlook management

Recommendations

• Separate Bike Path Task Force is established to fully inventory the path and provide recommendations for capital and maintenance needs.

MARINA OPERATIONS

Description and History

Over the years the Burlington waterfront has become a popular destination for many of the boaters on Lake Champlain. Currently, weekends in July and August usually reach 100% capacity in advance for 30 foot, 35 foot, and 40 foot slips. Over the past three years, there has been upward trend for 30 foot to 40-foot slips as boats become larger.

Boathouse docks on average reach above 80% capacity during July and August for any given night during the week. The nights of Friday, Saturday, and Sunday on average reach above a 90% capacity for our larger slips. Due to a high demand for services, Boathouse staff is forced to turn away boaters looking for a place to dock for the night. Many of these boaters are unable to dock at the Ferry Dock Marina or elsewhere in Burlington due to limited services for larger boats. These potential customers will often choose to head toward Shelburne Shipyard, Mallets Bay or anchorage areas outside of Burlington.

Amenities and Activities

- Boathouse
 - o Water and power at each slip
 - Service dock
 - o 32 transient slips
 - o 63 seasonal slips
 - o 2 season jet ski docks
 - o 2 seasonal moorings
- Perkin's Pier
 - o 84 season slips
- Moorings
 - o 55 transient moorings
 - o 23 seasonal moorings

Inventory of Usage

2011 Seasonal Boaters

	Burlington Resident	Non-Resident
Boathouse	41	22
Perkin's Pier	64	16
Moorings	16	9

Seasonal Waitlist

	Burlington Resident	Non-Resident
Boathouse	63	65
Perkin's Pier	76	38
Moorings	56	34

Transient Boaters

	May	June	July	August	September	October	Average
2009	18.92%	28.84%	84.79%	71.37%	37.99%	15.00%	42.82%
2010	19.61%	37.70%	83.97%	80.88%	37.30%	29.46%	48.15%
2011	0.00%*	13.92%**	81.15%	80.51%	40.65%	21.68%	39.65%

^{*} Unable to open due to flood

Total Number of Overnight Visitors on Dock-- May15-Oct.15

Year	Total Number of Rentals
2009	1,883
2010	1,967
2011*	1,818

^{*}Late start to season due to flood. The Boathouse was able to take limited transient boaters by mid June.

Total Number of Overnight Visitors on Moorings-- May15-Oct.15

Year	Total Number of Rentals
2009	1,642
2010	1,722
2011*	1,522

^{**} Opened mid month due to flood

*Late start to season due to flood. The Boathouse was able to take limited transient boaters by mid June.

2011 Transient Slip Residency vs. Non-Residency rates

	May	June	July	August	September	October	Average
Non-	0.00%	47.95%	63.47%	60.43%	69.93%	72.55%	52.39%
Resident Resident	0.00%	52.05%	36.53%	39.57%	30.07%	27.45%	30.95%

2011 Transient Moorings Residency vs. Non-Residency rates

	May	June	July	August	September	October	Average
Non-	0.00%	60.78%	67.05%	70.96%	68.18%	88.00%	59.16%
Resident							
Resident	0.00%	39.22%	32.95%	29.04%	31.82%	12.00%	24.17%

Total Number of Hourly Boaters or Pump Outs

	2 Hour	3 Hour	4 Hour	5 Hour	6 Hour	7 Hour	8 Hour	Pump Outs
2009	423	224	86	31	13	9	1	267
2010	338	227	102	49	25	30	35	352
2011	378	238	108	63	35	17	6	389

Total Number of Hourly Boaters for 2 Hours or More

2009: 7872010: 8062011: 845

FACILITIES

COMMUNITY BOATHOUSE

BURLINGTON WATERFRONT



Description and History

The Community Boathouse was built in the late 80's. It is a facility providing community access to the water, 45 transient boat slips, 60 seasonal slips, cruise boat facilities and the harbormaster's office. The boathouse is a hub of public and private activity for vendors, charters, meeting space, a cruise boat (500 person capacity) and marina services including a pump out, showers, and a full service seasonal restaurant. It is a prominent architectural feature and a well-used community facility and resource. Parking for the boathouse is located in a municipal lot adjacent to Lake Street and the railroad.

Amenities and Activities

- Dock slips and seasonal moorings at the Boathouse
- Full service restaurant: Splash Café at the Boathouse
- Event rental (Weddings, Corporate functions, athletic events
- Rental facilities (Boathouse Wakefield Room)
- Festival site (July 3rd, Antique Boat Show, Maritime Festival)
- Commercial dockage: charter boats and cruise boats (Spirit of Ethan Allen, Friend Ship)
- Pump-out station
- Pubic restrooms/showers
- Commercial dockage

- Public dockage
- Harbor Mast boat and work boat

Operations and Maintenance

- Separation of dock systems with 104 slips (includes power and water service)
- Boathouse facility and Burlington Harbor management
- Seasonal mooring field (23) management
- Amenity management (lighting)
- Trash collection
- Launch ramp dock system operations
- Diving services for dock/infrastructure inspection

Recommendations

Based upon the current inventory and general demand the following areas have been identified as limited or lacking.

- Improve parking: existing inadequate mixed-use parking is not proximal to slip-holders
- Marina
 - Submerged reef exist between the slips and the shoreline along the north side of the boathouse spit. These should be removed to provide safer navigation and increase potential space for dockage for the marina.
 - Navigational hazards exist in the harbor close to the entrance to the Lake Champlain Basin Science Center's (ECHO) slip and should be removed to provide safer navigation and expansion of slips in front of the center.
 - Lack of adequate signage in the harbor creates confusion for visiting boaters and can lead to conflict and congestions. Placement of signage at key locations in the harbor, boater education and clear indications of how to contact the Harbor Master for information and service would be a possible solution.
 - Add slips
 - Increase dock capacity
 - Upgrade dock and Boathouse power supplies
- Boathouse
 - Correct list
 - Repair upper deck floors/ fix leaking roof
 - Upgrade showers
 - Repair kitchen
 - Upgrade power
 - Improve maintenance, service, and vendor access

CITY HALL





Description and History

New York architectural firm of McKim, Mead & White, the building replaced the inadequate city hall, which was built in 1853. This Beaux Arts style building marks the southern entryway to the Church Street Marketplace. These days, city departments, the mayor, occupy the space and space such as Contois Auditorium is used and rented for events.

Amenities and Activities

- Event rental
- Art gallery space

Operations and Maintenance

- Reservation management
- Custodial services
- Space set-up in multi-purpose rooms
- Sprinkler systems inspections and maintenance
- Vegetation management
- Maintenance of two ornamental fountains
- Lighting inspections
- General repairs
- Trash collection
- Snow removal

BCA FIREHOUSE GALLERY

•Lower Church Street •



Description and History

Next to City Hall stands a Romanesque Revival firehouse with arched window openings and an 85' hose-drying tower. It housed equipment and elegant social parlors of the Ethan Allen Fire Company in an era when volunteer fire companies were social clubs. The city took over fire protection in the 1890's. The efforts of interested citizens saved the building from the wrecker's ball in 1969. The building is now owned by the non-profit BCA (Burlington City Arts), which uses the building for its exhibits, lectures, and educational programs. The gallery has been opened since 1995.

Amenities and Activities

- Classes
- Art exhibit
- Event rental

Operations and maintenance

- Custodial services
- Space set-up in multi-purpose rooms
- Sprinkler systems inspections and maintenance
- Lighting inspections
- General repairs
- Trash collection
- Snow removal

FLETCHER FREE LIBRARY

•235 College Street •



Description and History

The Fletcher Free Library the first of the four public libraries in Vermont funded by the Andrew Carnegie Foundation, is the largest and busiest public library in the state. In addition to its primary services as Burlington's public library, it is also a community center, a cultural resource for newly arrived immigrants to the Burlington area, and the City's only free public access computer center.

Considered for demolition, the library was closed in 1974 due to structural problems. Residents organized a committee to save the building that resulted in its restoration and the addition of a new wing. The original building was constructed on the site of a ravine that once bisected the downtown. At one time, The Vermont Central Railroad's tracks ran the length of the ravine. As the city grew, the ravine was filled, primarily with sawdust, which eventually caused structural problems for this and other buildings along its path.

Amenities and Activities

Classes

Operations and Maintenance

- Custodial services
- Sprinkler systems inspections and maintenance
- Vegetation management
- Lighting inspections

- General repairs
- Trash collection
- Snow removal & plowing

MEMORIAL AUDITORIUM

•250 Main Street •



Description and History

Since 1928 Memorial Auditorium has been a primary location for civic and cultural events in the Champlain Valley. It is located in historic Downtown Burlington adjacent to the bustling Church Street Marketplace, and within walking distance of beautiful Lake Champlain.

As the largest public facility in the region, Memorial Auditorium has hosted nearly every type of activity in the spectrum of events. Auctions, Ballet, Banquets, Broadway Shows, Business Meetings, Concerts, Conventions, Dances, Exhibitions, Graduations, Merchandise Sales, Opera, Plays, Political Rallies, Science Fairs, Sporting Events and Trade Shows have all been enjoyed at Memorial.

Memorial Auditorium has more than 20,000 square feet of exhibition space, a 27-foot x 80-foot proscenium stage, spacious dressing rooms and a seating capacity of up to 2,500. The Annex and the Loft both offer locations for smaller scale activities.

Amenities and Activities

- Event & Space rental (Music Concerts, First Night, Champlain College Graduation, Burlington Winter Farmers' Market, Ballet School Recitals, Political Rallies/Caucuses)
- Sporting Events (Boxing, Wrestling, MMA, Basketball games)
- Recreational sports: league basketball, aerobic classes, yoga
- Dance and Exercise classes (Loft Space)
- BCA offices, classroom and clay/print studios

- Concessions
- Meeting space

Operations and Maintenance

- Facility management
- Custodial services
- Sprinkler systems inspections and maintenance
- Mowing & trimming
- Tree pruning, lighting inspections & general repairs
- Trash collection
- Special events management and coordination
- Snow plowing

Recommendations

- Upgrade facility to match ADA accessibility standards
- Interior sound dampening improvements
- Replace seating
- Replace boiler
- Renovate entire facility: improve building structure, renovate restrooms, repair exterior masonry

242 MAIN (AT MEMORIAL AUDITORIUM)





Description and History

242 Main is a substance-free, youth-run facility that provides a safe environment and resources to foster music, activism and the arts. 242 Main is located in Memorial Auditorium on Main Street in downtown Burlington. 242 Main strives to do the following: achieve diversity in areas such as music, race, gender, sexual orientation, religion and class; be affordable; provide music and live entertainment; be available for activities to anyone; have a proactive relationship with law enforcement; be conducive to multiple activities simultaneously; give priority to youth; and network with the community.

Amenities and Activities

- Event rental
- Camps (Dance Camp, Summer Rock Camp, Trad. /Folk Music Camp, School Break Music Camp)
- Youth Social Events (Record swap, Group meetings)
- Recording studio space
- First Night site
- Afterschool music program

Operations and Maintenance

- Facility management
- Custodial services
- Special events management and coordination

• Snow plowing of walkways and stairs

Recommendations

• Improve security system

LYMAN BUILDING

• Perkin's Pier •



Description and History

The Lyman Building sits at Perkins Pier. The space was shared with the Lake Champlain Maritime Museum was until the building was damaged during 2011 spring flooding. It remains unoccupied.

Amenities and Activities

Public restrooms

Operations and Maintenance

- Facility management
- Custodial services
- Sprinkler systems inspections and maintenance
- Grounds care (mowing & trimming)
- Mowing & trimming
- Trash Collection
- Snow removal

Recommendations

 Reconstruct building: 2011 spring flooding caused severe interior damage, making the space unfit for occupation. Damage includes destruction of interior partitions, extensive mold, electrical, and plumbing damage. This facility should be entirely replaced.

EVENTS

Throughout the year, Parks hold a wide variety of events and activities. In this section, you will find the parks & facilities that hold the different events & activities. There will also be descriptions of the events, the dates and times, the average number of people that attend or number that have attended most currently, and the number of vendors that participated.

KeyBank Marathon

•Battery Park/ Waterfront Park/ Perkin's Pier•



This marathon starts at Battery Park and after looping around Burlington, ends at Waterfront Park. Throughout the course there are bands playing and thousands of people cheering. Since it is a qualifier race for the Boston Marathon, a large number of runners participate every year.

Date/Time

• Last Sunday in May, Memorial Day Weekend; 8:00AM- 3:00 ~ 4:00PM

Vendors

• Sports & Health: 48

Food: 8

Participants

Runners: 7,000Viewers: 20,000

Independence Day Celebration

•Waterfront Park/ Perkin's Pier / Battery Park•



The Department of Parks & Recreation puts on this annual event. People come from all areas Chittenden County and Vermont thus making it the largest event. There are activities for children and entertainment for all ages. There is music at several locations and throughout the duration of the event. The newest addition as of 2010 is the airshow before the fireworks.

Date/Time

• July 3; 5:00pm-11:00PM

Vendors

Food: 10Misc.: 4

Participants

• Over 50,000 people

Brewers Festival

•Waterfront Park•



The Vermont Brewers Association was established in 1995 for the purpose of promoting professional craft brewing in Vermont. For the past 20 years this association has been putting together the Brewfest at Waterfront Park. This two-day event brings hundreds of people from all over the country and world.

Date/Time

- Friday-Saturday, 3rd week in July
- 6:00-10:00PM(Fri)
- 12:00-4:00PM & 6:00-10:00PM(Sat)

Vendors

• Brewers: 42

• Food: 16

Participants

• Several hundred

Maritime Festival

•Waterfront Park / Perkin's Pier •



At this event, people can view the classic boats, long boats, canoe, kayak and Dragon boat demonstrations while commemorating the past, present, and future of Lake Champlain. For activities and things to see, there is boat building, sampling local fare, live music and hands-on exhibits for children.

Date/Time

• Thursday-Sunday, Aug. 11-14

Vendors

Food and Beverage: 10Crafts and Misc.: 16Non-profit Organizations: 7

Participants

• Several hundred

Drangonboat Festival

•Waterfront Park•



The Lake Champlain Dragon Boat Festival is a day long celebration of community, camaraderie, and competition. Ninety teams -- that's about 2000 paddlers -- race 41 foot long dragon boats for fun, fitness, and fundraising.

On top of all of the fun of Race Day, this event has the bonus of raising funds for cancer support right here in our community. All funds that are raised benefit Dragonheart Vermont, our breast cancer survivor and supporter programs, and our exciting new project called our Survivorship NOW Initiative.

Date/Time

Early August

Vendors

Varies

Participants

• ~10,000 people

Pumpkin Regatta

•Waterfront Park•



Different teams of racers (pumpkin sponsors, local celebrities, media personalities, PILOT students, etc.) paddle giant hollowed out pumpkins (1,000lbs.+) boats on Lake Champlain to compete for the Giant Pumpkin Trophy. There is also a fun-filled family festival that includes local food vendors providing fall treats, craft vendors, kids' activities, pie eating contests, and a fall inspired pet costume contest!

Date/Time

• Sunday, Oct. 9; 10:00AM-3:00PM

Vendors

Varies

Participants

• ~10,000 people

Nor'Easter

Waterfront Park



The Nor'easter powered by Eastern Mountain Sports is the ultimate end of summer celebration featuring outdoor sports, music and conservation. The event offered variety of activities such as rock climbing clinics, group bike rides, paddle boarding and kayak demos, cycle-cross race, and rock climbing competition. There was also a 22-band line up of music

Date/Time

• Friday-Sunday, Sept. 23-25

Vendors

Varies

Participants

• Over 7,000 people

Summer Concert Series

•Battery Park•



The Free Concert Series, put on by Burlington City Arts and Independent Radio has become a tradition in Burlington's Battery Park for young and old, residents and visitors. The concerts take place at the height of Lake Champlain's summer and feature regional musicians.

Date/Time

• Every Thursday, July 6:30PM

Vendors

• 2-3

Participants

• 750-1,000 people

Farmers' Market

City Hall Park/ Memorial Auditorium



Event for visitors and locals alike to shop directly from Vermont farmers and artisans in the city's historic downtown. This fun and festive experience is offered year-round through two markets, an outdoor market in warmer months and an indoor market during Vermont's chilly winters.

Since 1980, the Burlington Summer Farmers' Market has been held every Saturday from late spring through autumn in downtown Burlington's City Hall Park, just off of the Church Street Marketplace. Stands overflow with seasonal produce, flowers, artisan wares, prepared foods, and more. People gather to wander around, chat with growers and friends, and fill their baskets with some of the best food money can buy. Like many places in Burlington, dogs are always welcome but must be kept on a leash

With the fortune of having so many farms and studios nearby paired with a growing interest in buying locally, the Burlington Winter Farmers' Market opened in 2008. Inside Burlington's Memorial Auditorium you can find a surprising array of hardy produce, prepared foods, crafts, and much more. Sheltered from the snowy Vermont weather, this indoor marketplace bustles with locals and visitors.

Date/Time

Every Saturday, May-Oct. 8:30AM-2:00PM (City Hall), Nov-April 10:00AM-2:00PM

Vendors

Summer: 68 permanent, 32 dayWinter: 54 permanent, 10 day

Participants

Summer: 4,000 - 5,500Winter: 1,000 - 2,000

APPENDIX

Comments and feedback provided by businesses and organizations located within the study area.

Barb Bardin Splash-Restaurant More Parking for conveniences for the boaters Boathouse-WFP Up to date showers and laundry. Boat house on a pier system and enlarged. Cynthia Norman Program limit or eliminate car access to waterfront. Waterfront Park Expanding or featuring public transit to the park as ide to reduce traffic. Nick Community Sailing Center Waterfront/Fishing Pier Making area a "nicer" place that is generally perceive as safe after dark. Add more lighting and public trash/recycle cans. Benches at pier and Sailing Center for people to sit an look at lake. Tracy ECHO Center Add a playground, preferably a more natural one tha	,
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look at lake. Tracy ECHO Center Add a playground, preferably a more natural one tha	
	d
Truzansky combines classic slides and swings with climbing opportunities and natural planting for "hide outs".	ţ
Waterfront Signage for the info booth and boathouse bathrooms ECHO isn't the primary place people enter.	so
A bigger sign for bus entry to go down Lake Street to the info booth.	ne
Access between Battery Park and Waterfront other that traveling down Battery Street.	an
Improvements to the bike path are MUCH needed	
How can we add more summer time busking "stations" is done on Church Street? Limited number of permits p day? What about food vendors?	
Heather Lake Champlain Ferries Lack of public bathrooms Stewart	
Perkin's Pier	
ColleenLake Champlain BasinLikes the rain and flower gardens and the new one adHickeyProgramnext to boathouse walkway.	d
Waterfront	