



Sherbourne Park Fact Sheet

LOCATION

East of Lower Sherbourne Street from Lake Ontario in the south to Lake Shore Blvd in the north, on both sides of Queens Quay.

PARK SIZE

Total: 1.5 hectares (3.75 acres)

South of Queens Quay: 1 hectare (2.5 acres)

North of Queens Quay: 0.5 hectare (1.25 acres)

Shoreline frontage: 82 meters

PARK DESCRIPTION

Sherbourne Park is designed to become both a local and regional amenity. The north side of the park creates a neighbourhood feel offering areas for quiet contemplation, children's play and places for smaller scale neighbourhood events. The south side of the park provides ample space for festivals, concerts and other city-wide events overlooking Lake Ontario.

On its east and west sides, the park will be bound by commercial and residential buildings whose residents and employees will help animate the park. At its southern end, the park will be integrated with East Bayfront's continuous water's edge promenade, to reinforce and strengthen the water's edge as a continuous and active year round destination.

Key components of the stormwater management system for East Bayfront are integrated into the design of Sherbourne Park, the Water's Edge Promenade and Boardwalk and Parliament WaveDeck. Integrating stormwater management infrastructure into the public realm allows the City's required infrastructure to be both beautiful and functional.

PARK FEATURES

The Green

- Location: open green lawn on the south side of the park
- Size: 0.386 hectares (0.95 acres)
- Material: mixture of Kentucky Blue Grass and fescue

The Woods

- Location: both the north and south side (above the open lawn) of the park
- Size of north woods: 0.1318 hectares (0.33 acres)
- Size of south woods: 0.1145 hectares (0.28 acres)
- Types of trees: Pacific Sunset Maple (in north and south woods); Red Oak (along Sherbourne Promenade); American Beech (along Eastern Walkway)
- Number of trees: 182 total
 - Pacific Sunset Maple – 108
 - Red Oak – 45
 - American Beech – 29
 - All trees will be planted with trunk caliper sizes between 8cm to 10cm

Water Channel

- Location: Runs the length of the park and is raised on the north side of the park where it includes a biofiltration bed for the stormwater treatment process. The channel is recessed from the area south of Queens Quay to the pond and along the southern edge of the park.
- Channel length:
 - 238.5 metres (140m on the south and 98.5m on the north)
 - Narrowest: 200mm (where it runs under the Pavillion)
 - Widest: 6.8 metres (at the northern-most end of the park)
- Materials:
 - Concrete with a light sandblasted finish on all exposed surfaces. The bottom of the channel will be clad with granite pavers which will be laid in a mosaic of grey, black and white granite.
 - The raised pool and biofiltration bed in the channel will be concrete with stainless steel cladding.
- Channel Crossings: Five areas designed to allow pedestrians to cross the channel to access buildings adjacent to the park.
 - Materials: Lightly sandblasted concrete with black granite bands along the north south edges.
 - Crossing A – 17m x 19m (north side of the park)
 - Crossing B – 8.2m x 12m (south of Queens Quay)
 - Crossing C – 3.6m x 15m (splash pad/skating rink)
 - Crossing D – 3.4m x 4m (pavilion)
 - Crossing E – 6.5m x 10 m (open lawn area)
- Channel lighting:
 - Wall recessed lights located along the eastern edge.
 - Linear uprights are located under the weirs along the biofiltration bed.

- 'Light Showers' Art Sculpture
 - Description: "Light Showers," designed by visual artist Jill Anholt is comprised of three sculptural elements standing 8.9 metres tall
 - Location: north side of the park; equally spaced apart
 - Materials: agilia concrete, cast in place metal plates, stainless steel, translucent tempered glass, and stainless steel mesh scrim
 - Lighting: uplights set in the raised pool at the base of the scrim

Children's Play Area

- Location: there are two play areas, one on the north side of the park and a second above the pond on the south side of the park
- Size: 1375 m²
- Amenities
 - Play equipment provides a range of different play opportunities for children of varying age groups. The northern play area provides equipment and activities for younger children, while the southern play area provides equipment for older children and even adults.
 - Variety of play structures including climbers, balance beams, see-saws, swings, slides and spinning equipment. Much of the play equipment has also been designed to support adults as well.
- Materials
 - Rubber surfacing made from recycled materials and crushed rolled granite will be used for the ground plane.
 - Play equipment is made from varying materials including stainless steel, aluminum, plastic, and rubber.

Pond

- Location: North end of the south side of the park
- Size: 920m²
- Materials:
 - Lightly sandblasted concrete embedded with cooling tubes.
 - Water jets made of stainless steel are integrated within the rink slab along with custom designed linear diffusers which shed a thin lense of water across the pond surface.
- Uses:
 - Summer: water feature and splash pad for waterplay
 - Winter: skating rink

Pavilion

- Location: south side of the park on the southeast side of the pond
- Size: 143.6m²

- Materials: The exterior of the pavilion is clad with Rheinzink (alloy of natural metals mainly consisting of zinc) in pre-weathered blue-gray and the underside of the roof is clad with Rheinzink in a bright, rolled finish.
- Uses: washroom facilities, café, park mechanical operations and UV filtration (in basement)

Water's Edge Promenade and Boardwalk

- Location: below Sherbourne Park at the water's edge
- Size: 900 metres from Lower Jarvis to Parliament Street (82 metres at the base of Sherbourne Park)
- Incorporates promenade design by West 8/DTAH

STORM WATER MANAGEMENT

After a storm, runoff is collected in East Bayfront's Stormwater Management Facility (SMF) located in tanks under the Boardwalk parallel to the dockwall. Water from the SMF is then transferred to a large tank under the 3000m² Parliament WaveDeck, which includes an artificial wetland and three holes in the wavedeck's platform to allow natural UV rays to penetrate and perform the initial treatment process. At that point, the water is conveyed to the Sherbourne Park UV Purification Facility housed beneath the park's Pavilion where strong UV light completes the treatment process.

After the UV treatment is complete, the water enters the 240 metre long Water Channel in Sherbourne Park through one of three dramatic sculptures that rise almost nine metres from the ground. Water is elegantly lifted from the channel toward the sky and down over a textured veil of water. After traveling the full length of the channel, clean water is discharged into Lake Ontario.

PARK LIGHTING

The park is lit by a combination of pole lights, bollard lights, shielded in-ground lights, and tree mounted lights to create a variety of different illuminating effects.

FURNITURE

Informal seating is provided on the edge of the raised pool and around the perimeter of the central pond/rink feature.

Within the park, there are three types of custom designed benches.

- Park Bench 'A': located along the west side of the park (Sherbourne Promenade) and is made of IPE wood and cast acrylic slats with tape lights illuminating the acrylic.
- Park Benches 'B' and 'C': located in playground area are made of IPE wood and designed to integrate seamlessly with the IPE decking that they are placed on.
- Number of benches: 33 Bench 'A' ;16 Bench 'B' and 'C'

BUDGET AND TIMING

- Budget: \$28.7 million (including site preparation costs, demolition and soil remediation as well as design and construction costs for the park, Water Channel and UV Purification Facility)
- Timing:
 - Construction begins: July 2009
 - Expected completion: Summer 2010 (south side) and Fall 2010 (north side)
- Construction Sequence:
 - Pilings for pavilion: July 2009
 - Pavilion Basement: August 2009
 - Pavilion: October 2009 to April 2010
 - Skating rink: October to November 2009
 - Water Channel and site servicing: Fall 2009 (south side); Summer 2010 (north side)
 - Play areas: Spring/summer 2010
 - Light Showers art sculpture: Spring/summer 2010
 - Tree planting: Spring 2010
 - Sod open lawn: Spring 2010

ACCESSIBILITY

The park has been designed to be fully accessible for people with disabilities. There are no steps in the park and all of the Water Channel crossings are flush to the ground. In addition, the drinking fountain located along the main path in North Sherbourne is designed specifically for wheelchair access.

LANDSCAPE DESIGNER

Phillips Farevaag Smallerberg of Vancouver / The Planning Partnership of Toronto

PARK OPERATIONS

The City of Toronto Parks Department will provide maintenance and operation of Sherbourne Park including the children's play area, splash pad and winter skating rink. The Parks Department will also maintain the park's water feature.

ENVIRONMENTAL SUSTAINABILITY

In addition to the integrated stormwater management system which is a key component of the park's design, Sherbourne Park will also be one of the few park spaces that will be LEED certified. Some of the sustainability best practices incorporated into the park's design include easy access to public transportation, storage for bicycles and other alternative means of transportation, reduction of light pollution, water efficient landscaping as well as renewable energy sources for the park's Pavillion.

Both the park and pavilion will be pursuing LEED Gold certification.

PUBLIC CONSULTATION

Public consultation was an important part of the planning process for Sherbourne Park. The public informed the decision to create both a neighborhood park and a city wide destination. Strong support for water features and incorporating sustainability into the park were also key design elements requested by the public.