



## **Sherbourne Common Fact Sheet**

### LOCATION

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

### DESIGN TEAM

Lead Designer:	Phillips Farevaag Smallerberg
Public Artist:	Jill Anholt
Pavilion Architect:	Teeple Architects Inc.
Local Consultant:	The Planning Partnership
UV Facility and Pumping Station:	The Municipal Infrastructure Group Ltd.

### PARK SIZE

Total: 1.5 hectares (3.75 acres)  
Sherbourne Common South: 1 hectare (2.5 acres)  
Sherbourne Common North: 0.5 hectare (1.25 acres)  
Shoreline frontage: 82 metres

### PARK DESCRIPTION

Sherbourne Common is a stunning waterfront park that is transforming a formerly industrial area into much needed public greenspace on the lake. This 1.5 hectare park spans more than two city blocks from Lake Ontario in the south to Lake Shore Boulevard in the north on both sides of Queens Quay.

Sherbourne Common was designed to bring a feeling of “life at the lake” to the area. To bring the lakeside experience to life, the park features three key elements: woods, water and wide open greenspace. Those elements, coupled with a wide range of features including unique play areas, a skating rink that doubles as a splash pad in the summer, a striking zinc-clad Pavilion, and a stunning water channel with three dramatic art sculptures, Sherbourne Common will become a well-used, year-round destination for city residents and visitors.

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.

What makes the park really unique — and a first of its kind for Canada — is that it integrates key components of the stormwater management system for East Bayfront in its design. Collected stormwater will be pumped to the UV Facility, located in the basement of the park’s Pavilion, where it will be treated, pumped and discharged from one of the three dramatic art features on the north side of the park. It will then travel the full length of the park along the water channel and will be released into Lake Ontario. Water from Lake Ontario will be treated in the Pavilion’s UV Facility until the stormwater tanks are built under the planned water’s edge boardwalk.

## 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 and south side of the park where it includes a biofiltration bed for the stormwater treatment process. Once the stormwater passes through the biofiltration bed, it is discharged into a recessed sculptural channel which runs along the southern edge of the park from Lake Shore Boulevard to Lake Ontario.
- 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 grey, white and black granite pavers in a mosaic pattern based on an abstraction of sparkling water.

- The raised pool and biofiltration bed in the channel will be concrete with embossed 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 10m (open lawn area)
- Channel lighting:
  - Wall recessed lights located along the eastern edge.
  - Linear uplights are located under the weirs along the biofiltration bed.
- ‘Light Showers’ Art Sculpture
  - Description: “Light Showers,” designed by public 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 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 informal play areas, one on the north side of the park with children’s play equipment and a second with water jets in the pond located on the south side of the park
- Size: 1375 m<sup>2</sup>
- Amenities
  - Play equipment provides a range of different play opportunities for children of varying age groups. In the north play area, equipment and activities geared toward younger children are located adjacent to the sandbox, while equipment focused for older children and even adults, is located further south.
  - 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, crushed rolled granite, and IPE decking 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: 920m<sup>2</sup>
- 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: 143.6m<sup>2</sup>
- Materials: The exterior of the pavilion is clad with Rheinzink (alloy of natural metals mainly consisting of zinc) in pre-weathered blue-grey 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)

#### Pumping Station and UV Facility

- Location: Basement of the Pavilion
- Basement Size: 83.6m<sup>2</sup> including a sub-grade chamber for maintenance access
- Materials: Stainless steel piping, two UV disinfection units, two scrim wall booster pumps, two irrigation booster pumps and related valving, instruments and controls.
- Pumping Station/Wet Well Size: 45.1m<sup>2</sup> x 5 metres deep (located adjacent to the basement, it includes three different cells to draw and recirculate water)

#### Water's Edge Promenade and Boardwalk

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

#### STORMWATER MANAGEMENT

After a storm, runoff will be collected in East Bayfront's Stormwater Management Facility (SMF) located in tanks under the planned Boardwalk parallel to the dockwall. Initial treatment of the stormwater takes place as the water travels the length of the SMF where solids settle. Water from the SMF will then travel to a large tank under the

future 3000m<sup>2</sup> Parliament WaveDeck, which will include 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, water will be conveyed to the Sherbourne Common Pumping Station and UV Facility housed beneath the park's Pavilion where strong UV light will complete the treatment process. (Until the stormwater tanks are installed under the boardwalk, water from Lake Ontario will be treated in the Pavilion's UV Facility.)

After UV treatment is complete, clean water enters the 240 metre long Water Channel in Sherbourne Common through one of three dramatic sculptures that rise almost nine metres from the ground. Treated water from the pumping station is lifted to the top of the art sculptures where it travels down as textured veil of water to the channel below. After traveling the full length of the channel, the 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 the 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 the infrastructure required for the UV Facility) plus \$1.9 million for the public art features
- Timing:
  - Construction began: July 2009
  - Completion: September 2010 (south side) and November/December 2010 (north side)

### 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.

### ENVIRONMENTAL SUSTAINABILITY

In addition to the integrated stormwater management system which is a key component of the park's design, Sherbourne Common is part of Waterfront Toronto's Stage 1 Gold certification under the LEED for Neighbourhood Development (ND) pilot program. 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 Pavilion.

The park's Pavilion will also be pursuing LEED Gold certification for the building.

### PUBLIC CONSULTATION

Public consultation was an important part of the planning process for Sherbourne Common. The public informed the decision to create both a neighbourhood 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.

The park's name — Sherbourne Common — was selected after a month-and-a-half long public naming contest. The contest was designed to give people across Canada an opportunity to become part of the history of the waterfront by submitting a new name for the park or by voting for their favourite online.

During the contest, more than 500 names were submitted and thousands of people voted online. The new name, submitted by Doug Dent, incorporates the park's location at the foot of Lower Sherbourne, with the idea of 'a common' where park spaces belong to the people.

### PARK OPERATIONS

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