

ARCHITECTURAL HARDSCAPE

BEASLEY PARK REDEVELOPMENT



PROJECT CREDITS

OWNER

City of Hamilton, Public Works

ARCHITECT OF RECORD

OMC Landscape Architecture

ENGINEER OF RECORD

exp Services Inc.

GENERAL CONTRACTOR

Newman Bros. Limited

MATERIAL SUPPLIER

Lafarge Canada Inc.

ADDITIONAL PARTICIPANTS

- Admiral Welding
- Appolo Concrete Contracting
- BASF Canada
- Corrision Technologies
- Canadian Ramp Company
- Dayson Sandblasting
- Hamilton Skateboard Assembly
- Harris Rebar
- Hy-Grade
- Ironworkers Local 736
- Salit Steel

PROJECT FACTS

LOCATION Hamilton, Ontario

CONSTRUCTED March – September 2018

OFFICIAL RE-OPENING: October 6, 2018

PROJECT TYPE Neighbourhood skatepark, splash pad, playground and walkways

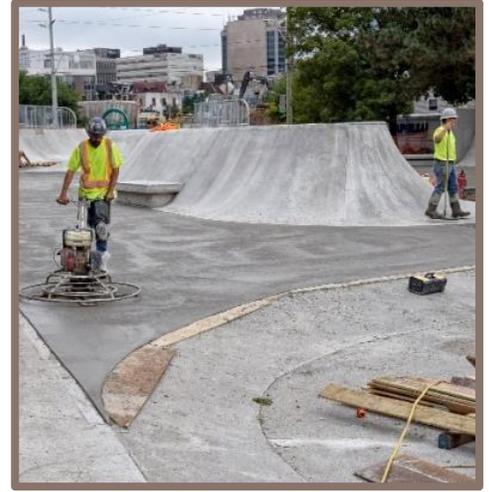
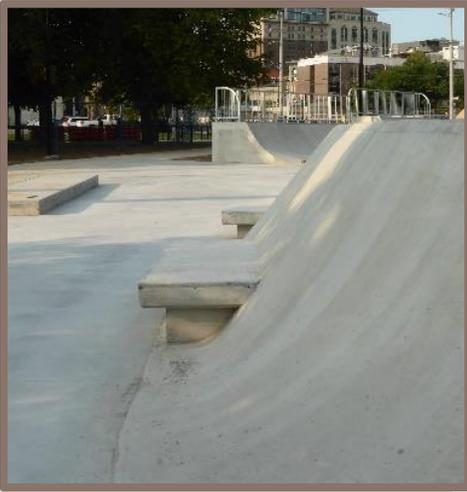
PROJECT SIZE

Overall: 6015 sq. m.

Skatepark: 1500 sq. m.

Splash pad: 155 sq. m.





PROJECT OVERVIEW

The Beasley Park Redevelopment project required re-building and expansion of a skate park facility, often considered one of the first in Ontario. Originally built in 1992, the skateboarding community has grown in popularity and required a careful re-design to save some beloved features (quarter pipe and bowl) while adding new elements to serve the growing sport (half pipe, grind box, pyramid bump, stepped hill, and 'The Island'). The project included a new playground, splash pad, accessible walkways and landscaping.

SITE PLAN

Beasley Park is a complex site that required careful design, construction methods and project management skills. The park is immediately adjacent to the Elgin Transformer station – a Hydro One facility that services the entire downtown area. Many high voltage duct banks belonging to Hydro One and Alectra Utilities cross under the park that had to be identified and respected in the design and construction of the new work. The park itself was created in 1990 with the closure of 2 streets, Kelly St. and Elgin St. While the road had been removed, all sewers, watermains and other utilities remained in place. Careful practices enabled the removal of the old park elements and construction of new features with minimal inconvenience to the public.

REBUILT SKATEPARK WITH 7 NEW ELEMENTS AND REFURBISH 2 EXISTING ELEMENTS

'The Island' - Element C

The Island is another new signature element that challenged the contractors. Featuring a meandering footprint with concave ramps on the west side and 45-degree ramps on the east. The wrap around ends required careful attention to provide a smooth transition between these shapes and precision craftsmanship on the top edge metalwork. On the east side, two "China Bank Benches" were installed to create more options for the skateboarders. All of the contractors did a superb job and were proud that they were able to deliver on this complex piece.



'The Half Pipe' - Element A

The half pipe is one of the new signature elements in the rebuilt Beasley Skate Park. It is 12.8m (42 ft.) long x 9.2m (30ft.) wide with 1.5m (5ft.) and 1.2m (4ft.) radius sides featuring a steel pipe nosing that projected 10mm in. on the top and face sides. The ends featured multi-angled ramps. The critical nature of the curves, transitions and nosing pipes challenged the contractors who created the formwork, set the iron, placed and finished the concrete. Due to its complexity, the half pipe was sequenced in multiple stages over a 2-week period.



'The Quarter Pipe' - Element H

The quarter pipe was a carry-over from the 1992 skatepark. Structurally the concrete was sound and this feature was beloved by the skateboarding community. However, years of use has created a rough skating surface. The response was to sandblast the entire feature and to resurface the concave form with a concrete skim coat.



Multiple Concrete Techniques

Beasley Park Redevelopment utilized many types of concrete techniques. Poured-in-place with smooth finish for the skatepark elements and flatwork; poured-in-place with broom finish for accessible walkways; integral coloured concrete with swirl finish for the splash pad; precast concrete for the Jersey barriers; sandblasting and concrete skim coat resurfacer to refinish the quarter pipe and skate bowl.

