

WALTERDALE BRIDGE REPLACEMENT

PROJECT UPDATE

(Winter 2016)

After nearly 100 years, the Walterdale Bridge has reached the end of its service life. A \$155 million replacement project is under construction and is anticipated to be open in fall 2016.

ARCH FLOAT NOVEMBER 22

On November 22, the central arch pieces were floated into place to rest on berms under the bridge.

After the 950 tonne structure was assembled on the bank of the river, two barges built specifically for the purpose floated the structure into place to span the north and south banks of the river.



Central arch pieces are loaded onto the barges

The float was a complicated, nail-biting procedure, but everything went exactly as planned.

ARCH LIFT JANUARY 19

The second complicated manoeuvre took place in January with the first of two arch lifts.

The central arch was lifted about 15 metres in a process that took about six hours. The arch was then connected to the arch pieces already in place on temporary towers on the berms.

The central arch was lifted into place by large hydraulic jacks.



The arches being lifted into place

Edmonton

WALTERDALE BRIDGE REPLACEMENT

CONSTRUCTION TIMELINE

2015

Completed

- Thrust blocks completed and cofferdams backfilled
- Arch steel received on site
- Tracks built in laydown area
- Arch assembled
- Central arch floated into place

2016

Ongoing/Upcoming

- Central arch first lift (completed January 19)
- Central arch second lift
- Construct bridge deck and attach to the arch
- Connect roads to new bridge
- Open bridge to vehicle traffic

2017

- Complete landscaping and trail connections
- Remove old bridge



View from the top of the arches



First arch lift completed