



WALTERDALE BRIDGE REPLACEMENT PROJECT

April 2015

IS THE PROJECT ON TIME AND ON BUDGET?

The project contractor, Acciona Pacer Joint Venture (APJV), provided the City with an updated schedule in March 2015 that showed a year delay. The updated schedule shows the new bridge opening to traffic in late fall 2016, with removal of the old bridge and completion of the project in 2017.

The \$155 million project is still on budget.

WHAT CAUSED THE PROJECT DELAY?

The contractor had an aggressive schedule to accommodate the delay and meet the fall 2015 bridge opening; however, the work remaining to be completed pushes the schedule past this opening deadline.

WHAT WORK HAS BEEN COMPLETED TO DATE?

- Queen Elizabeth Park Road and Walterdale Hill both realigned.
- New access roads to Kinsmen Sports Centre constructed.
- Interpretive belvedere information panels moved to temporary location.
- Park trails rerouted.
- Bridge abutments completed.
- Seventy per cent of pilings installed and cofferdams constructed.
- Thrust block base foundations completed.
- Temporary in-river berms extended.
- Arch lift towers erected.
- Excavation on the north side where future trail connections will be created.

WHAT WORK REMAINS TO BE DONE?

The contractor is now targeting the following major milestones:

- Erect mid-section of arch on south bank in spring/summer 2015
- Float centre portion of bridge in early fall 2015
- Complete arch across river, including two heavy lift operations by late 2015
- Float centre portion of bridge deck in spring 2016
- Complete bridge deck, road connections and open new bridge by fall 2016
- Remove existing bridge early 2017
- Project completion in 2017

WHEN/HOW DID THE ARCH STEEL ARRIVE?

The first small shipment of arch steel arrived on site in mid-January 2015. The second arch steel shipment was shipped at the end of January and began to arrive on site in March 2015. The remaining steel pieces, including arch rib bases, will be sent later this spring. The arch steel will be assembled at the north and south side lay down areas.



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HOW WILL THE ARCHES BE BUILT?

Over the summer of 2014, the project team extended the in-river berms, which will serve as the arch launching areas. Pilings were installed on the berms to support temporary lifting towers on both sides of the river. Once the central portion of the arch is complete, it will be floated across the river using barges and placed on each berm. Then the central portion of the arch will be lifted into place using two heavy lift operations using jacks located on the lift towers.

WILL THERE BE ANY IMPACTS/DELAYS TO TRAFFIC?

No. The existing Walterdale Bridge will remain in service to northbound traffic into downtown until the new bridge is operational. Existing impacts and trail detours in the North Saskatchewan River valley will remain in place.

More information is available at www.edmonton.ca/walterdalebridge