

# WALTERDALE BRIDGE REPLACEMENT

## PROJECT UPDATE

(June 2015)

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 to traffic in fall 2016.

### BARGES ARRIVE IN EDMONTON

Components of the barges have arrived on site. The general bridge contractor, the Acciona/Pacer Joint Venture (APJV), has started assembling the barges in preparation for floating the steel arches across the North Saskatchewan River.

The first barge is completely assembled, and the second barge will be finished shortly.

The arches are scheduled to be floated across the river on the barges in autumn 2015.



*Components of the barge are unloaded on the south side*

### CONSTRUCTION

Work continues on the concrete bridge support legs that will connect the arches with the underground thrust blocks. Three of the four concrete legs have been poured.

The APJV is preparing to begin construction of the central portion of the arch by the end of May.

Over 60 per cent of the arch steel is now on site, allowing the APJV to build the central portion of the arch on the south bank.

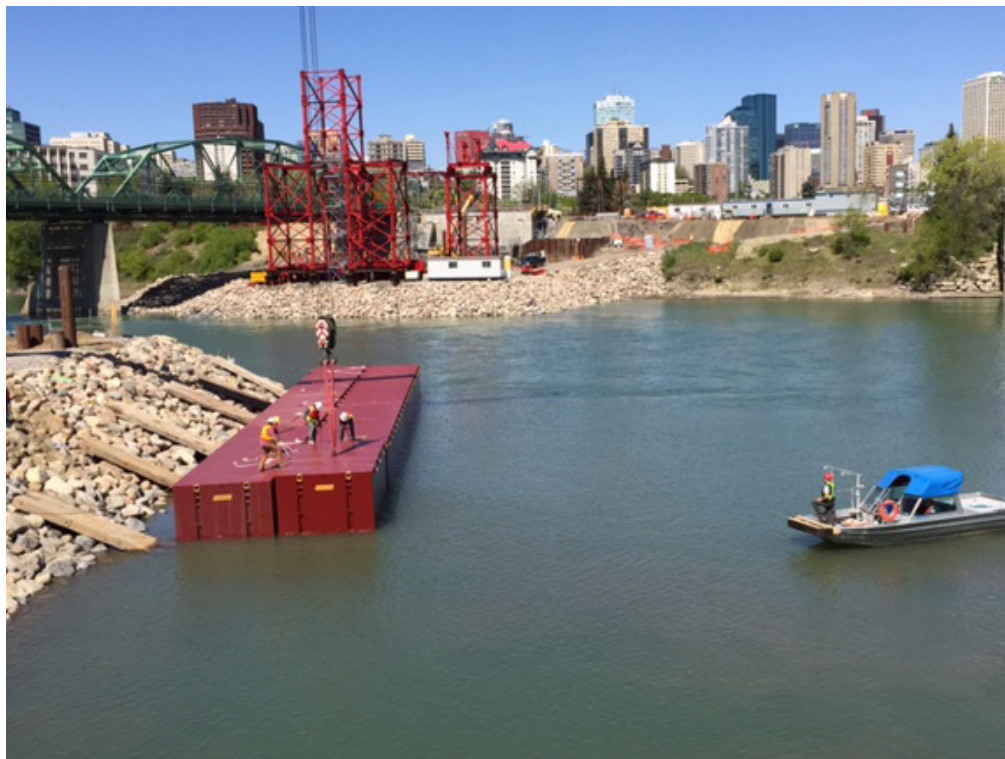
The project team is awaiting the remaining arch sections and steel for bridge decking and shared-use pathway. These pieces are currently being coated and prepared for shipping in Korea.



*Central arch pieces in south side laydown area*

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CONSTRUCTION TIMELINE			
2013-14	<p><b>Completed</b></p> <ul style="list-style-type: none"> <li>Majority of tree clearing.</li> <li>Access roads and in-river berms.</li> <li>Park trails rerouted.</li> <li>Utilities relocated and drainage system updated.</li> <li>Realignment of Queen Elizabeth Park Road.</li> <li>Installation of pilings and construction of cofferdams needed for thrust blocks.</li> <li>Realignment of Walterdale Hill Road.</li> <li>Construct new access roads for Kinsmen Sports Centre.</li> <li>Move interpretive belvedere panels to temporary location.</li> <li>Construct thrust blocks.</li> </ul>	2015-16	<p><b>Ongoing/Upcoming</b></p> <ul style="list-style-type: none"> <li>Arrival and construction of barges.</li> <li>Construct concrete bridge support legs.</li> <li>Construct bridge deck and central arch.</li> <li>Connect roads to new bridge alignment.</li> <li>Backfill cofferdams.</li> <li>Construct shared-use pathway.</li> <li>New bridge open to traffic.</li> </ul>
		2017	<ul style="list-style-type: none"> <li>Landscaping/trail connections.</li> <li>Demolition of old bridge.</li> </ul>



A barge is constructed in the water