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City of Edmonton

Walterdale Bridge project wraps up a busy summer

As another construction season winds down on city roads, work on the Walterdale Bridge Replacement Project continues.

"The project has come a long way in 2014," said Director of Special Projects Byron Nicholson. "Our crews are working hard in year two and completing some major bridge components."



Work in 2014 has primarily focused on underground and support structures needed to hold the bridge arches in place. On both sides of the river, crews have spent most of 2014 working on massive underground steel and concrete thrust blocks that will carry the bridge load. When completed, these 600 cubic metre thrust blocks will be buried 20 m underground.

Crews will spend the winter months completing underground work and readying the site for the arch steel. Once the steel arrives, crews will begin assembling it on the south side.

Other work completed this year includes the realignment of Walterdale Hill, which reopened to traffic a month early on July 3. Crews have also completed concrete bridge abutments and approach spans on both sides of the river. In August crews extended the temporary in-river berms, which will serve as the launching areas for the new bridge arches. Work is underway on pilings and temporary towers that will be used to lift the arches into place from the berms.

The \$155 million project remains on schedule to open in fall 2015 and remains on budget.

"Next year is going to be very exciting for the Walterdale Bridge Replacement Project," said Nicholson. "Edmontonians will finally start to see the new bridge take shape."

For more information:

edmonton.ca/walterdalebridge Walterdale Bridge Replacement FAQs

To see an animated video of the arch lift, go to: http://youtu.be/3RKGLJFN3Ew_

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