

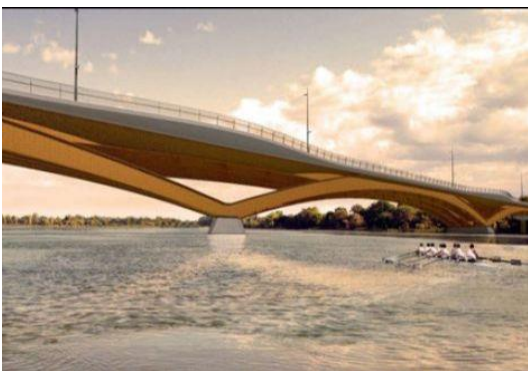


## Third Crossing November update

As we enter the winter months, the team is bundling up, staying safe - and continuing on with lots of construction work. Here is a brief update.

- **Finger removal on the temporary rock causeway** – This refers to part of the temporary rock causeway that is in the Cataraqui River. With the majority of foundation work being completed, crews are starting to remove parts of the temporary rock causeway from the Cataraqui River. The removed rock is being reused and placed on the east shore to help build up the area for future bridge work and the approach road. Once the construction of the bridge is completed and the construction access is no longer needed, the remainder of the rock from the temporary causeway will be removed from the river.
- **Steel main span** - Fabrication of the steel components of the main span is underway in Hamilton Ontario. Approximately one quarter of the steel girders are now built and we're looking forward to the delivery and onsite work starting in early 2021
- **Concrete approach spans** – Fabrication of the concrete girders that make up the approach spans of the bridge is underway near Barrie Ontario. Approximately one third of the concrete girders are now built. Delivery of the first concrete girders to Kingston is anticipated for early in the new year.

**Images below:** Renderings of the main span over the navigation channel in the Cataraqui River



### New drone video

We've got an exciting new video for you! Our latest drone video takes you across the temporary rock causeway with brief stops to offer facts on the bridge's components. Find out about caissons, the trestle bridge and enjoy great views of the Cataraqui River as you sit back and watch this historic infrastructure project take shape.

## Visual story of installing 21 piers

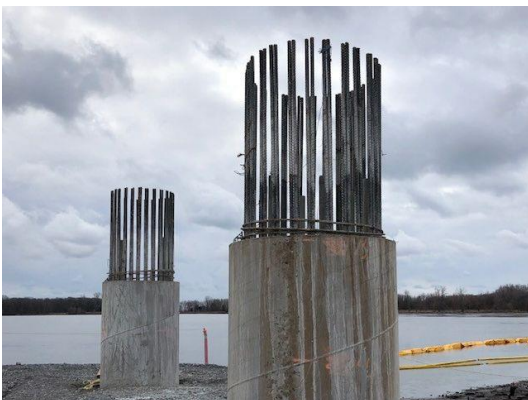
The bridge has 21 piers to support the bridge deck. Installation of the piers started in the spring 2020 and will be finalized by early 2021, which will allow for construction on both the approach spans and main span of the bridge. Pier work consists of many elements. We have tried to simplify some of the key work specific to building piers in the images below.

**Images below:** Each bridge pier with the exception of the main span of the bridge includes two vertical shafts. The images below show the installation of the two large diameter steel casings for this pier. The steel casings are driven down and anchored in the bedrock at the bottom of the river – in some cases as deep as 50 meters!



**Image on the left below:** The image on left below shows the completed shafts with all the reinforcing steel and concrete that has been placed inside the steel casings. The two completed shafts are now ready to receive the pier cap.

**Image on the right below:** This image shows a completed pier cap - one of the first features of the bridge visible above the water!



## **Notice to boaters about navigation channel**

The Kingston Mills Locks has closed for the season. Since its closure, there is no marine passage available up the Rideau Canal through the locks. This, coupled with temperatures, have reduced the boat traffic in the area of the Third Crossing. The project team has now been granted permission from Federal Agencies to maintain the temporary lift span over the navigation channel in a 'DOWN' position. The lift span will be operable during the winter months for emergency situations. Small craft such as kayaks, small motor boats, and rowing shells can still pass underneath the lowered lift span. More information on our website at [thirdcrossing.cityofkingston.ca](http://thirdcrossing.cityofkingston.ca)

## **About The Third Crossing Bridge**

Once completed, the new 1.2 km bridge will connect the east and west sides of Kingston over the Cataraqui River. The two-lane bridge will improve emergency services, increase active transportation through a multi-use pedestrian and bike pathway, create greater business connectivity and enhance the quality of life for the residents and visitors of Kingston. The bridge is jointly funded by the Government of Canada, the Province of Ontario and the City of Kingston.

Learn more about Third Crossing at our website: [thirdcrossing.cityofkingston.ca](http://thirdcrossing.cityofkingston.ca)

Send us an email: [thirdcrossing@cityofkingston.ca](mailto:thirdcrossing@cityofkingston.ca)

Your comments and participation continue to be important to the project team and to the success of the overall project. Please contact us or join our newsletter.

**HATCH**

**SYSTRA**



**Kiewit**

