

January 2023

## Early works continue on new Mount Crosby Vehicle Bridge

Dear Neighbour,

Early works are continuing on the new Mount Crosby Vehicle Bridge which will become the new crossing for traffic to replace the existing Mount Crosby Weir Bridge. This project is being delivered as part of the East Bank Flood Resilience Program – a program of work to improve flood resilience and connectivity within the local area.

In January 2023, Seqwater and BMD Constructions will begin to install the new bridge's foundations and piers before placing the bridge decks later this year.

The new bridge's foundations will be 18 metres deep, with the bridge's piers rising 12 metres above the riverbed. This increases the bridge's height by almost three metres above the existing Weir Bridge and will provide greater flood resilience.

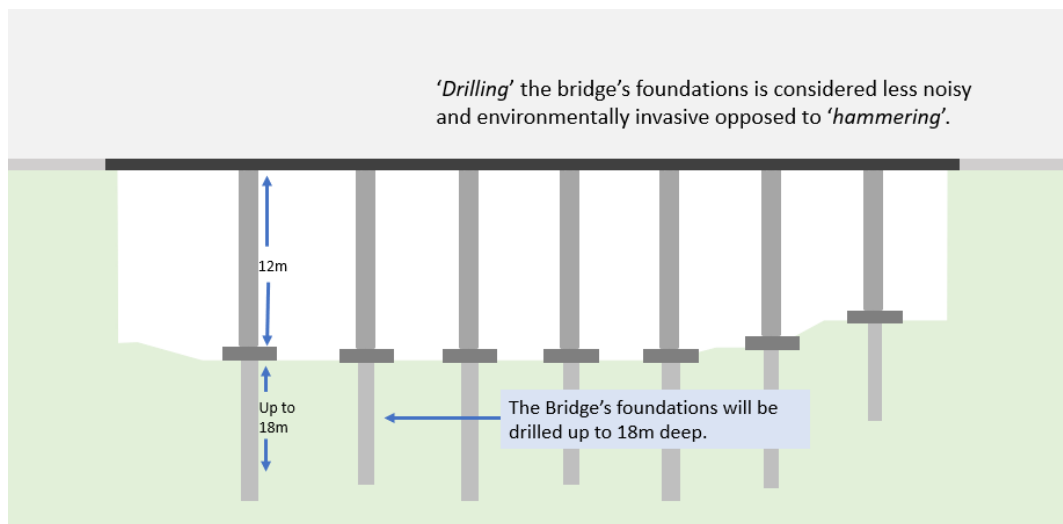


Figure 1: Artist's impression of new Mount Crosby Vehicle Bridge piers

These works will be completed in three stages:

1. Establishing a safe in-river worksite by temporarily raising the weir height and constructing a temporary levy bank downstream to minimise water flow into the site. For their safety, any wildlife in this area will be relocated outside the work area and a temporary channel installed to facilitate water flow while the worksite is active.
2. Earthworks will create an access ramp from the east bank down to the worksite and initial foundation works including a pad for the pile drilling machine.
3. Drilling of the foundations will then commence, after which our team will begin forming the concrete piers.

The project team has undertaken extensive planning and assessments to deliver this engineering feat safely, efficiently, and with minimal impact to the surrounding environment, community and heritage elements. This has included securing the required permits and undertaking onsite trials of the planned works methodology.

### Works timing

- Construction works will occur Monday to Friday between 6:30am and 6:30pm and Saturdays between 6:30am and 4:30pm. However, water pumps may run through the night and on Sundays, to support water movement around the in-river worksite.
- Works may need to be paused and/or rescheduled in the event of bad weather or high river levels.

### What to expect

- Construction of a temporary worksite on the riverbed, requiring a small section of the river below the Mount Crosby Weir to be dewatered. Aquatic species within this area will be safely relocated. A temporary channel will be installed to facilitate water flow from upstream to downstream, while the worksite is active.
- Installation of temporary water barriers on the Mount Crosby Weir Bridge to raise its height.
- Construction of a temporary levy bank on the Brisbane River downstream of the Mount Crosby Weir Bridge.
- Construction of seven bridge foundations and piers across the Brisbane River, requiring riverbed pile drilling, steel works and concrete pouring.

### Protection measures

- Measures to protect and minimise construction impact on State Heritage features within the project site including vibration monitoring and exclusion zones.
- Vegetation and ground cover removal where required.
- Environmental controls and regular water quality testing.

### Construction impact management

- Construction vehicle movements on both Stumers and Allawah Roads, including large vehicles carrying materials to and from site and regular concrete truck movements (in-line with traffic management plans).
- Low levels of vibration, noise and dust associated with this work including regular truck movements to and from site, concrete trucks, drill rigs, welding, and cranes.
- Low levels of noise outside work times including water pumps.

#### **Existing Weir Bridge remediation works update**

Our team is working to reopen the existing Mount Crosby Weir Bridge as soon as possible. Temporary guardrails are being installed in January 2023 and the Weir Bridge is expected to reopen to traffic in early February, weather permitting.

We understand how important these bridges are for the local community and remain committed to delivering these works efficiently and safely. Seqwater and BMD Constructions thank the community for your patience and understanding while these works are carried out.

For more information, please email [eastbankinfo@seqwater.com.au](mailto:eastbankinfo@seqwater.com.au) or call 1300 SEQWATER (1300 737 928) during business hours. You can find more information on the Seqwater website at [www.seqwater.com.au/project/east-bank-flood-resilience-program](http://www.seqwater.com.au/project/east-bank-flood-resilience-program) or by scanning the QR code.

Yours sincerely,

David Vroom  
**Seqwater Project Manager**  
Mount Crosby Bridge duplication project

