

# Swan River Crossings Project



## Geotechnical Investigation Works

A Development Application to replace the Fremantle Traffic Bridge was advertised for public comment from 14 December 2023 to 1 February 2024 by the Department of Planning, Lands and Heritage (DPLH). Where possible, the Fremantle Bridges Alliance is undertaking activities to continue developing elements of the project. A key focus is understanding the river environment to inform the construction process.

### What's happening?

**From 5 February to late March 2024, geotechnical drilling investigations will be undertaken in the river on both sides of the traffic bridge to provide us with information about riverbed conditions for the piling process.**

### What you will see

A barge similar to the one pictured above will be seen in the river. This is a jack-up barge - a floating barge with long support legs that can be lowered to create a stable work platform. The barge has a small drill and is expected to move every five days to locations north and south of the bridge. Once in the correct position, the barge will start drilling.

Small diameter boreholes will be drilled approximately 70 metres deep into the riverbed to obtain geological samples.

This drilling may cause some minimal ground vibration and low-level noise in the immediate surrounding area.

For a short time, a truck equipped with a small drill will be located east of the traffic bridge on the grassed area, to undertake one borehole on land. This area will be fenced to create a safe working zone.

Pedestrian and cyclist movements along the foreshore will not be affected, and Beach Street will stay open to all traffic.

### Timing

**Dates: 5 February to late March 2024.**

**Days and times: Monday to Friday, 7am-5pm.**

We aim to minimise disruption for all river users and minimise impacts during events.

### Navigational Channels

The navigational channels will stay open.

During drilling, the barge will sit outside the navigational channels. When the guiding vessel moves the barge from one side of the bridge to the other, spotter vessels will be present to ensure the safety of all river users.

Large signs will be placed on the river both up and down stream of the traffic bridge displaying details of works and VHF channels used by spotter vessels.

**VHF Channels:** River users are encouraged to listen to Channel 9 to hear about any barge movements that may impact river journeys.

### Further Information

To learn more about the project, click [here](#).

To subscribe for future project updates, click [here](#).

If you have any enquiries, please phone 138 138 or email [enquiries@mainroads.wa.gov.au](mailto:enquiries@mainroads.wa.gov.au).



Geotechnical drilling next to Fremantle rail bridge, 2021