



Significant progress has been made on the erection of concrete bridge segments that will form the new bridge deck. Finishing works continue with the installation of the new bridge barriers.

## State Growth New Bridgewater Bridge

Project update October 2024

**As part of the Hobart City Deal, the Australian and Tasmanian governments have committed \$786 million to build a New Bridgewater Bridge.**

Information about the project can be found at [bridgewaterbridge.tas.gov.au](https://bridgewaterbridge.tas.gov.au)  
Major construction is continuing on the project.

### What work is coming up?

Work planned through to December 2024 will include:

- starting construction of the new Old Main Road and Boyer Road intersection
- implementing the final major traffic stages in Granton (November) and Bridgewater (December)
- ongoing construction of a new section of road connecting Gunn Street and Old Main Road under the new bridge's northern abutment
- ongoing segment deliveries and erection on the north and south sides of the River Derwent
- ongoing construction of the new bridge approaches
- ongoing oversize truck deliveries of materials from across the state
- ongoing bridge finishing works including Intelligent Traffic System (ITS), bridge walls and street light installation
- completion of the new Black Snake Road bridge in Granton
- completion of the piers and the new bridge substructure
- completion of earthworks for the new off-ramp between the Midland Highway and Old Main Road, Bridgewater
- completion of concrete bridge segment production at the pre-cast facility.

### Piling milestone achievement

The recent completion of piling is a major project achievement.

Piles are underground columns that create a strong foundation to support the new bridge. The 46 bored piles, each 2.5 metres in diameter, were constructed on land and from the temporary bridge.

Piles are constructed by drilling into the ground, inserting steel reinforcement cages, and filling them with concrete.

The piling was completed with minimal impact on the shallow and environmentally important tidal mud flats, and the navigation channel. The piles were up to 90 metres deep, some of the deepest bored piles in Australia's bridge building history.

The piling was carefully planned in detail, including working around the river tides, the need for a constant delivery of concrete, and a detailed understanding of the complex conditions that form the riverbed.

The team included specialist designers, engineers, local subcontractors and suppliers, all working closely together.

The new bridge's substructure, which is made up of the piles and the piers, will be complete when the pier construction works finish in late October.



## Bridgewater

North

The last of the 1,082 concrete bridge segments is expected to be cast in late November 2024.

Work is continuing on the Midland Highway northbound off-ramp into Bridgewater.

Midland Highway

Pre-cast Facility

Construction will soon start on the new Boyer Road and Old Main Road intersection. This work will mostly be carried out at night to minimise impact on daytime traffic.

Boyer Road

Old Main Road

As part of the final traffic stage in Bridgewater later this year, all southbound Midland Highway traffic will use the Gunn Street off-ramp to travel along a new section of road under the bridge abutment to access the existing bridge. The southbound temporary bus stop will be relocated to the new section of road, near the abutment. Northbound traffic will keep using Old Main Road.

Hayton Place

Gunn Street

Construction continues on the new section of road that will soon connect Old Main Road to Gunn Street, passing underneath the new bridge near the northern abutment.

Northern site compound

The new Gunn Street intersection with Nielsen Esplanade is being constructed as part of preparation for the connection of Old Main Road and Gunn Street, under the new bridge's northern abutment.

Nielsen Esplanade

River Derwent

The bridge barriers are being installed as part of the bridge finishing works.





## Granton

South

## River Derwent

As part of the next stage of traffic changes in Granton in November, the existing temporary roundabout on the Brooker Highway will be replaced with a u-turn facility. More information about this will be provided to the community before the changes take place.

Piling has been completed on the new Black Snake Road bridge. Super T girders will soon be installed to form the new bridge deck, with bridge completion expected in late 2024.

Brooker Highway

Black Snake Road

Dickenson Drive

George Street

Main Road

Southern site compound

The new three metre wide shared pathway will provide cyclists and pedestrians safe access to the new bridge.

Construction of Main Road will start soon.





## State Growth

# New Bridgewater Bridge



Segment erection is progressing from both foreshores toward the middle of the River Derwent. This image shows the Special Segment Lifting Devices (SSLDs) on the Granton side lifting segments from the deck of the temporary bridge.

### Out of Hours Work

As part of the New Bridgewater Bridge Project, we are continuing to carry out Out of Hours Work (OOHW).

Standard construction hours are **Monday to Friday, 7am to 6pm, and Saturdays from 8am to 6pm**. Any work outside of these hours is considered to be OOHW.

The OOHW work is taking place inside our construction areas in Bridgewater and Granton, and on the temporary and new permanent bridges across the River Derwent.

While most high impact work will be carried out during standard construction hours, the planned evening and nightwork may impact the community from time to time.

The work could include:

- segment deliveries and erection on both sides of the River Derwent
- civil works including asphaltting, and the movement of materials
- crane operation, and the movement of oversized trucks to our construction sites which will often travel at night to avoid peak traffic periods
- survey, plant and machinery set-up and maintenance, welding, grouting and scaffolding
- implementation of traffic changes and controls to minimise impacts on motorists, cyclists, and pedestrians during the day

- existing road repairs, relocation of concrete traffic barriers, line-marking
- concrete deliveries and pours to ensure the quality and strength of the concrete
- relocation of vessels to take advantage of favourable wind conditions and tides.

Impact mitigation measures will continue to be in place including shutting down equipment when not in use, construction equipment fitted with tonal reversing alarms, maximising the distance between noisy items of plant and residents, and locating lighting towers to minimise intrusion on nearby houses.



**Check out the latest drone images and footage**

To keep up to date with construction progress, it is easy to view the latest images and footage of all of the New Bridgewater Bridge construction sites.

Just go to the project website, or use the QR code.

**For more information or to provide feedback to the Project Team, please contact:**



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**<http://bridgewaterbridge.tas.gov.au>**