

# Bunbury Outer Ring Road



Embankment construction and fill compaction at the South Western Highway construction site

**This update contains information regarding the current and future works happening on the Bunbury Outer Ring Road (BORR) project. Information in this update is current as of August 2022 and is subject to change. For the most recent updates visit the Main Roads BORR website or visit the Bunbury Outer Ring Road Community Facebook Group.**

## Progress update

Take a flight through the Bunbury Outer Ring Road alignment! As you can see, progress is flying along as we pass 25% construction completion. Check out [this video](#) to see what we've been up to.



## Bridge works

Bridge works are well underway across several project sites along the alignment. In total, there will be 11 bridge structures on BORR when completed.

Preloading has been completed at the 'mega-bridge', where BORR goes over Golding Crescent, the Ferguson River, the freight rail line, and Boyanup-Picton Road. The sand will now go into a six-month settlement period. This bridge will be 382 metres long, making it the longest bridge in the south west region of Western Australia.

We've also started constructing the piling pad on the southern side of the bridge. A piling pad is a working platform used for piling rigs (large drills that bore into the ground to establish strong foundations for bridges) to travel on. These piling pads provide a stable base on which the rigs can move around the site and operate.

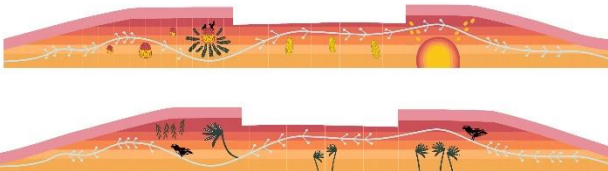


**The 'mega-bridge' under construction near Golding Crescent**

### Bridge artwork

Melissa Riley, a local Noongar artist from Daylellup, was awarded the first artwork commission for the Bunbury Outer Ring Road earlier this year. Melissa's artwork will be featured on the Forrest Highway interchange, the first interchange on BORR for road users heading south.

Her artwork, 'Djilba' (Spring) will welcome visitors to the South West as they transition to the BORR from Forrest Highway. Concrete slab works and the construction of controlled modulus columns (CMCs) are underway at this bridge site, allowing us to start installing the pre-cast panels where Melissa's artwork will be displayed.



**Melissa Riley's artwork design**



**Construction site for the Paris Road and Clifton Road interchange next to Forrest Highway with CMC columns being constructed**

The installation of the patterned MSE (mechanically stabilised earth) walls at the Raymond Road Interchange is nearly complete. After all the panels are installed, we can begin constructing the concrete beam at the top of the wall, which will eventually hold the beams for the bridge.

The theme of the bridge centres around 'Kambarang' (second Spring). This is a transformational time of year, from October to November, when the flowers bloom.

The relief pattern is inspired by the patterned shell of the endangered Western Swamp Tortoise due to its endangered status and its historical use as a food source by the region's Indigenous community.

This design is inspired by the nearby Collie River and the surrounding environment. It uses a colour palette of earth and yellow clay tones representing the local clay pans and soil types surrounding the location.

Feedback from the community, our Aboriginal Heritage Advisory Group, and our Urban Design and Landscaping Focus Group helped to select the design.



**Installation of pre-cast panels at Raymond Road with tortoiseshell design**

### Pre-cast yard

Construction is wrapping up on a new pre-cast yard for the project in Picton East. This is a purpose-built facility to produce 'tee-roff' bridge beams.

It will include a production shed which is fitted out with a casting bed, a storage yard, and other onsite facilities.

The beams that will be produced here are used for constructing the bridge structures along BORR. These beams can be over 40 metres long and weigh up to 210 tonnes each.

The facility has been designed by the South West Gateway Alliance and its consultants. It is being constructed in partnership with local Bunbury business J&P Group.

The site will be fully operational by the end of September this year. The final stages of construction involve fitting out the shed, preparing for the reaction frame installation and installing a gantry crane.



**Main shed in the pre-cast yard being erected**

### **Concrete pour**

At the end of June, we completed one of our major concrete pours at Raymond Road.

With over 400 cubic metres of concrete, the slab came in at 48 metres long, 15 metres wide, and 600 millimetres deep. This makes it one of the biggest concrete pours that will occur on the project.

This pour formed the first of three base slabs in the area. These slabs will support a concrete box culvert drain which is designed to move water from one side of the new road to the other. At around 156 metres long, this culvert will be one of the largest on the project.



**Concrete pour works occurring near Raymond Road**

### **For more information on the Bunbury Outer Ring Road**

Remember to always drive to conditions and remain vigilant. If you have any questions, please contact **138 138** or email **enquiries@mainroads.wa.gov.au**. For urgent roadworks enquiries, please contact the project team on **1800 979 770**.