



# Bunbury Outer Ring Road



Concrete bridge columns at the South Western Highway interchange

**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 September 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.**

## Southern section update

Following Main Roads receiving all environmental approvals for the southern section of BORR in June, clearing works began in the road reserve area.

For the remainder of this year, activities will also include geotechnical works, topsoil stripping, preparing foundations, and importing fill.

Main Roads and the South West Gateway Alliance recognise the significance of this area. Approvals have been granted with strict conditions to minimise and manage environmental impacts.

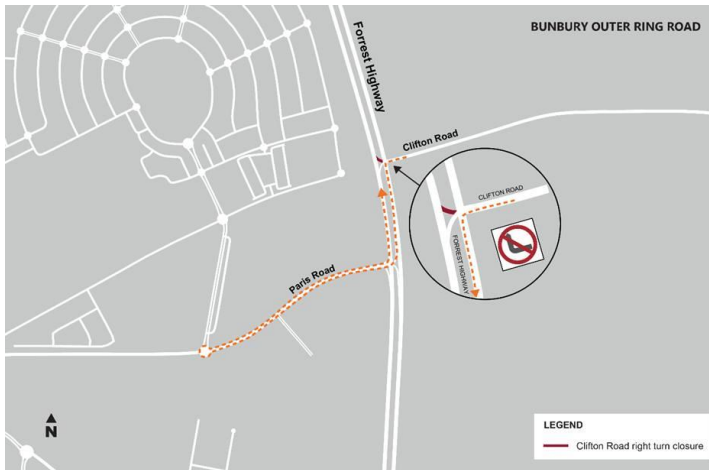
A range of commitments have been made to provide greater protections for local flora and fauna. All work is being undertaken in line with approved management plans that set out how the project will meet the conditions set by State and

Government regulatory authorities. Frequent audits by regulators are also being carried out.

## Roadworks

With the recent change in weather conditions, the team are starting to prepare for the long-term lane realignments on Forrest Highway. There will be a phased approach that is currently scheduled for early November. Initially, traffic will be switched onto a temporary alignment where southbound traffic is moved into the median of the highway. This work will allow us to construct key elements of the new interchange that will form the entry onto BORR from Forrest Highway.

This also means that the 'no right-hand turn' at Clifton Road onto Forrest Highway will be in place until late October.



Our team will need to work near the highway to complete these works. Please continue to adhere to all speed reductions and traffic management measures in place as safety is critical for all drivers and our team.

Make sure you're following our [Facebook page](#) and subscribed to our [mailing list](#) to stay up to date with all traffic notifications.

### Bridge works

At the Raymond Road project site, we have finished setting up the centre piers for the bridge. These piers will eventually be used to support the bridge structure that will form the Raymond Road interchange over BORR.

The team lifted the fibreglass formwork into place, which will be filled with concrete and cured for around 10 days until the heat generated by the concrete is stabilised.

Once cooled, the formwork is stripped and cleaned ready for the next pier. This process will be repeated for the remaining two piers at this interchange.



### Pier works at the Raymond Road interchange

For the 'mega-bridge' being built near Golding Crescent in Picton East, the piling rig is continuing to work away. A piling rig is a large drill that bores into the ground to establish strong bridge foundations. The rig drills a hole, before a steel cage is dropped in and filled with concrete. These works are especially important in areas like this, where the ground is made up of sandy soil and silty clay.

The rig sits on a piling pad built from a layer of compacted sand and a capping layer of limestone to support its weight, while drilling.

The 'mega-bridge' will take BORR over Golding Crescent, the Ferguson River, the freight rail line, and Boyanup-Picton Road. This bridge will be 382 metres long, making it the longest bridge in the South West region of Western Australia.



### The piling rig completing the first test bore for Pier 3 at the 'mega-bridge' near Golding Crescent

In the southern section, geotechnical investigations began with cone penetration testing (CPT), which is used to identify the soil type. In some areas, challenging ground conditions have meant that a tracked CPT rig has been required to support these investigations.

To date, investigations have been completed for the Yalinda Drive overpass and Bussell Highway interchange.

### Drainage

Between June and September, we completed three major concrete pours at the Raymond Road interchange.

This formed the base slab to support the concrete box culvert drains that travel under BORR. This type of drainage is designed to move large volumes of water under the road when there isn't much clearance.

At the Raymond Road site, we have completed the installation of the culverts on all of the three base slabs that have recently been poured.

Reinforced Concrete Pipes (or RCPs) are used when clearance and high volumes of water are less of an issue and allow for a dual direction flow of water. At this site, RCPs are also being installed for stormwater drainage purposes.



**Concrete box culverts being installed on top of the concrete slab at the Raymond Road construction site**

### Earthworks and service line relocations

The recent good weather has helped the team exceed the planned tonnage of import haulage, bringing the total amount of imported sand to 44 per cent of what is required for the entire project.

It has also been a busy month for service line relocations. Western Power has now completed the transmission line relocations to the south of the Discovery Road intersection.

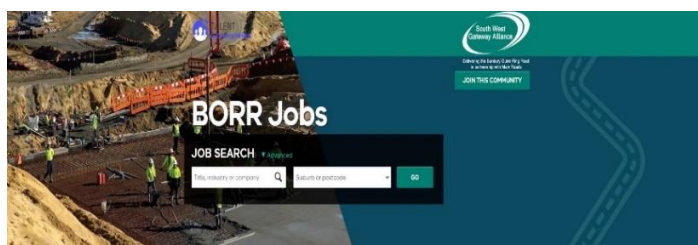
Telstra's relocation works have been finalised to the south of Treendale Road and at the Waterloo and Harris Road intersection. The latter being completed will allow the new local roads package to proceed unimpeded.

ATCO have also finished relocation works south of Clifton Road. Completion of backfill and grout filling of the redundant pipeline was completed in early-August.

### BORR Jobs

Are you interested in working on the Bunbury Outer Ring Road or looking for staff to join your team? Jump onto BORR Jobs to check out our latest job listings or post your own.

BORR Jobs is your gateway to career information and local job opportunities. If you live local and want to work local, sign up for free and become a member today to receive the full benefits of this portal. Job vacancies can also be posted on this website at no cost.



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

If you have any questions, please contact **138 138** or email [enquiries@mainroads.wa.gov.au](mailto:enquiries@mainroads.wa.gov.au). For urgent roadworks enquiries, please contact the project team on **1800 979 770**.