

MARCH 2024



Australian Government



mainroads
WESTERN AUSTRALIA

Mandurah Estuary Bridge Duplication Project Construction Update

This update contains important information about upcoming works near you. Works below are anticipated in March but are subject to change. Some works will need to be undertaken at night. There is potential for longer than usual travel times and we encourage you to plan your journey. If you have any concerns during the works please call 138 138 (24 hours).

Dust and vibration

If you live near our works, you may feel minor vibration from construction activities. Experiencing vibration does not mean structural damage to a property will occur.

We are very conscious of the impact of dust generated from the construction of the project on the neighbouring residents and we will continue our dust mitigation strategies to reduce this impact. We have also experienced a lot of dry and windy days in the past few weeks that may have exacerbated the conditions.

In mid-February, we applied a dust suppression agent, which will be effective in reducing excessive dust if left undisturbed.

Although dust can be a nuisance, there are specific requirements that we must comply with for community health. The limits set for this project will ensure that there is no risk to human or environmental health.

If our air quality monitors indicate a high reading for more than two consecutive hours at any time of day, our Environment Team is immediately alerted by an automatic alarm. If an exceedance occurs, then the Environment Team works with the Construction Team to manage the dust and implement strategies to reduce the dust levels.

A fact sheet on dust is available from our website www.mainroads.wa.gov.au/mebd.

Median removal and lane closures

Soon we will start work on Mandurah Road to remove the median strips which will enable temporary crossovers to be built. To undertake these works safely, we will need to close traffic lanes. We'll undertake the work at night to reduce the impact on road users. It will take approximately two weeks.

We appreciate this will impact evening traffic and will be noisy for some surrounding residents. All works being undertaken at night will have strict requirements around noise and vibration management and we will have traffic control in place to manage traffic flows.



Air quality monitor on site.

We apologise for the inconvenience. Where possible, the noisiest activities will be scheduled to take place earlier in the night. All out of hours work is subject to approval by the City of Mandurah and noise will be monitored on site to minimise the impact.



What can I expect this month?

Locations of the median to be removed.

Waterside Drive

- Ongoing geotechnical testing, noise modelling vegetation and topsoil clearing and preparation earthworks/access dependent on additional noise walls.
- The team has mobilised to the site office located within the project compound area under the existing bridge on the eastern side. Residents are reminded there may be an increase in light vehicles on local streets in the area, and the team is committed to being respectful of the community and driving to local road conditions.

Waterlily Drive

- Fill material is being imported and placed along the upper embankment of the Waterlily Drive side of the bridge. This is to enable the construction of the precast concrete casting bed that will be used to build the new bridge. Noise and vibrations may be experienced during drilling works to install settlement monitoring equipment sensors.
- Infill and construction of marine based working pads will continue as part of some reclamation works on the eastern & western estuary foreshores close to the site compound area.
- There is ongoing geotechnical testing, noise modelling, vegetation and topsoil clearing.
- Underground service locating.



Example of a casting bed next to residential properties

Seahawk Drive

- Topsoil strip, clean up and ground preparation along cleared areas will continue.
- There may be noise and vibrations with drilling to install settlement monitoring equipment sensors.
- Underground service locating and traffic control measures will continue.

Leisure Way/Egret Point Road area

- Topsoil strip, clean up and ground preparation along cleared area will continue.
- There will be ongoing geotechnical testing, noise modelling, vegetation and topsoil clearing.

Truck access to Calypso Reserve Park off McLarty Road, Halls Head

The Project is embedding a high level of sustainable practice into its design and construction, based on industry-leading standards. As part of this commitment, we are using recycled water viable for construction purposes.

We do not anticipate disruption to traffic movements or residents but advise that water trucks will be active in the area daily accessing the recycled water boreholes within the Halls Head Water Resource Recovery Plant (WRRP) back to the project site. This activity will continue intermittently until March 2026.

Noise walls extension and additional clearing

As we complete the 85 per cent design stage, we will be highlighting the extent and heights of the noise walls that will be built along Mandurah Road.

We are working towards accelerating the construction phase of the noise walls as part of our programming as a priority in response to privacy concerns already expressed.

Should there be additional noise walls, preparation earthworks and future clearing will be required in all areas.

Western Power

We understand that Western Power will be undertaking its own work as part of their program to upgrade existing infrastructure to reinforce their power network along the entire length of Mandurah Road. This is unrelated to the Mandurah Estuary Bridge Duplication Project.

Future works preparation

All four quadrants of the project are being prepared for future works, which includes preparatory works for a third traffic lane to be constructed when needed in the future as well as embankment and drainage specifications for the project.

When the current road layout is realigned in the coming months, the speed limit will be reduced to 60km/hr for the duration of the project.

Upcoming events

Our next **Open House** event will provide the community with the opportunity to speak directly with the team behind the project and find out the next stages of the construction program.

When: Tuesday 12 March 2024

Where: Halls Head Bowling and Recreation Club, 3 Sticks Boulevard, Erskine

Time: Drop in anytime between 3.30pm and 6.30pm

The Mandurah Estuary Bridge Duplication project is delivering a second, two-lane bridge on the south side of the existing structure to provide additional traffic lanes. A new four-metre-wide shared path will also be built to help the local community better access recreational activities, including fishing. The \$136 million project is jointly funded by the Australian and Western Australian Governments.

Further information

To stay up to date with the latest project information, please visit www.mainroads.wa.gov.au/mebd, and subscribe for project updates. You can also visit the Mandurah Estuary Bridge Duplication Project Community Facebook Group and contact our Customer Information Centre on 138 138 or enquiries@mainroads.wa.gov.au.

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