

Mandurah Estuary Bridge Duplication Project Construction Update

This update contains important information about upcoming works near you that are anticipated to occur in May but are subject to change.

Mandurah Road works

During April, central median strips were removed from Mandurah Road on both sides of the existing bridge to accommodate a shift in road lane configuration. We will be completing these median works with asphalt and line-marking taking place followed by some temporary steel barrier installation occurring from Monday 6 May.

These works will be carried out during the day and will have traffic management and a lane closure in place. There may be an impact on traffic, but we will endeavour to work during off-peak traffic times to keep delays to a minimum.

Nearby residents can expect:

- Noise from machinery in operation, vehicle reverse beepers and some drilling to install the steel barriers.
- Vibrations may be felt in neighbouring properties while these works are performed.
- There may also be a slight odour from the asphalt activities.

We always maintain monitoring to ensure noise, vibration and dust limits are within the approved acceptable range.

Eastern reclamation pad construction

Temporary reclamation working pads are being constructed on the banks of the estuary, one on each foreshore to provide a base from which to build the outermost piers for the new bridge.

Before works start in the estuary, silt curtains are installed around the working pad location to contain any silt/sediment disturbed during construction.

These working pads are temporary earth structures that help with the construction of piers in shallow water. The working pad on the eastern foreshore will be built first, taking approximately four weeks.

Egret Point embankment works

This area is now being prepared for an embankment to support the future bridge superstructure, and to construct new infrastructure including drainage and noise walls.

The fill material from Waterlily Drive where the casting bed construction is taking place will be brought in to build up this embankment. Each layer of the embankment needs to be conditioned, rolled, compacted, and tested. Trucks will bring in the fill, loaders will then push the fill around the area and rollers will compact the fill.

This work will continue throughout May and June. During this time, you might hear noise and feel vibrations. As the works may create dust, we will have water carts in operation. Drilling will also be required to install monitoring sensors which will monitor settlement on the embankment.



Example of silt curtain

What can I expect this month?

- Lane realignment and updated road markings.
- Western Power works, unrelated to the project, along Waterside Drive and Egret Point Road continue in the project area.
- Increase in plant and oversize machinery moving around on site.

Waterside Drive

- Completion of foundation preparation and embankment works.
- Temporary road barrier installation.
- Dust suppression application to reduce the impact of dust on neighbouring residents.
- Works commencing on the limestone retaining walls.
- Limited access (for pedestrians) across Mandurah Road between Waterside Drive (Fortescue Court to Midas Retreat) and Waterlily Drive

Waterlily Drive

- Temporary road barrier installation will occur around the casting bed area.
- Vibrations, noise and dust from casting bed excavation and establishment of casting yard. The imported fill will be removed and repurposed to create the embankment at Egret Point Road on the western abutment.
- Construction of reclamation working pads on the eastern estuary foreshore that are required to enable pier construction later in the project.
- Beach access closed under the existing bridge.

Seahawk Drive

- Temporary road barrier installation.
- Bus users are reminded that the area behind the bus stop heading west is an active construction area and access is not permitted. Please use the existing path to access the bus stop.
- Works commencing on the limestone retaining walls.

Leisure Way/Egret Point Road area

- Vibrations, noise and dust from embankment fill works.
- There may be noise and vibrations with drilling to install settlement monitoring equipment sensors.
- Temporary road barrier installation.
- Works commencing on the limestone retaining walls.

Beach access closure

Beach front access on the eastern foreshore will be closed from early May as the project continues to progress into the Estuary.

Shortly, reclamation pad works will start in the estuary as well as excavation of fill on Waterlily Drive to begin construction of the casting bed.

Piling works will begin in this area from June onwards. These high-risk works, in conjunction with working plant and equipment, make the area unsafe to access.

We understand that this will impact path and foreshore walkers and alternative routes will be provided to take users to the crossing at the Leslie Street/Mandurah Road traffic lights.

We apologise for the inconvenience.



Further information

Jointly funded by the Australian and Western Australian Governments, the \$136 million 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. A new accessible fishing platform will also be provided on the eastern foreshore. Stay up to date at www.mainroads.wa.gov.au/mebd and subscribe for project updates. You can also join our Facebook Group, [Mandurah Estuary Bridge Duplication Community Group | Facebook](#).