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Mandurah Estuary Bridge Duplication Project Construction Update

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

New bridge reaches halfway across the estuary

With eight segment launches now complete, the new westbound bridge is now halfway across the estuary. You can now see the girder and nose reaching over the estuary navigation channel where boats can pass underneath. There are no safety issues in passing beneath the segments for estuary users. A Vessel Management Plan remains in place with a reduced width of the navigation channel and a 5-knot speed limit to ensure the safety of workers and equipment.



Mandurah Road traffic realignment

Motorists are reminded that modified conditions are in place from Old Coast Road to the existing bridge and to drive with caution and obey speed limits. Additional directional arrows have been placed onto the road surface to help traffic move through correct alignment. There will be further traffic realignments implemented in early May that will be in place until late-2025. From Thursday 1 May until Tuesday 6 May, works will be carried out nightly, including the weekend nights. These night works will enable the installation of temporary barrier to allow future construction of the Waterlily access cycle path. Other works occurring during this time will include, but not be limited to, kerbing, fencing, barriers, line marking, spray seal, asphalt and general traffic management maintenance tasks. Updates will be provided through roadside messaging boards, the [Main Roads Travel Map](#) and the [Project Community Facebook page](#).

Ongoing works for amenity walls

Works are continuing for the amenity wall construction with foundation works near completion in the southwest quadrant. Wall panels will be installed through the months of May and June 2025. Wall footings and post installation will commence to the northeast area of the Project from early May.

Clearing and other works for the amenity wall extensions for southeast (Waterlily Drive) and northwest (Leisure Way) will occur mid-to-late 2025. Clearing for the future Waterlily access cycle path will commence in May 2025. The maps showing planned areas to be cleared for the construction of the amenity walls are available on the Project webpage at www.mainroads.wa.gov.au/mebd. Further updates regarding clearing and roadworks will be communicated via Construction Updates, the [Main Roads website](#), and the [Mandurah Estuary Bridge Duplication Facebook page](#).



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Pier construction concludes

The construction of all five water-based piers has concluded with marine barge operations concluded. Floating walkways will remain in place to enable access for our workers. We ask that water vessels reduce wake when travelling through the channel to reduce safety risks to workers utilising the floating walkways.

Working outside of normal hours

- Early start times of 3.00am for setup, and 3.30am for concrete pours to commence, will continue throughout the Project program in preparation for concrete pours and associated bridge segment works
- Ad-hoc works may occur on Sunday 11 May and 25 May if necessary

What can I expect in May?

- Active plant, vehicles and machinery moving in and around all sections of the Project site
- Formwork, reinforcement and concrete works on the land-based bridge piers, pile caps and retaining walls

Waterside Drive (Northeast)

- Road and pavement finishing works (including fencing), drainage, landscaping, and street lighting works
- Survey, potholing and clearing works for amenity wall extensions
- Noise wall anti-graffiti painting works (resident side)
- Electrical works in preparation for feature lighting to commence near bridge
- Amenity wall extension piling, post and concrete top up footing works
- Western Power works to install power pillar for future feature lighting power supply. Traffic management and notification for these works controlled by Western Power.

Waterlily Drive (Southeast)

- Ongoing operation of the casting bed
- Deliveries, concrete trucks/agitators, concrete boom-pumps, and general crane and forklift operations
- Bridge segment concrete pours and associated compaction and screeding equipment
- Survey, potholing and clearing works for amenity wall extensions
- Stockpiling of material for future use. Current northeast sand pile will move to the southeast
- Profiling works and commencement of road construction for the southeast quadrant future westbound road tie in and future maintenance access median crossover. This may also include drainage and electrical works.

Seahawk Drive (Southwest)

- Installation of box-culvert linking Seahawk Drive to the new alignment
- General earthworks, electrical, fencing, drainage and embankment fill associated with the CFA piling, retaining and noise walls
- Roadworks and associated road furniture construction including pavements and street light poles
- Finishing works to drainage basin in area including subsoil drains, rock pitching and fencing. Access to the area will be through the Abbotsford Lake Park.
- Dewatering activities and equipment set up
- Wall painting including urban design
- Survey, potholing and clearing works for amenity wall extensions
- Works to the future bridge access staircase from Egret Road ongoing
- Sheet piling works adjacent to existing bridge to install future drainage lines and other structures adjacent to the new bridge
- Western Power works to install power pillar for future feature lighting power supply. Traffic management and notification for these works controlled by Western Power.

Leisure Way/Egret Point Road area (Northwest)

- Bituminous surfacing works, fencing, landscaping and street lighting works
- Noise wall anti-graffiti painting works (resident side)
- Concrete agitator truck/pump works on western reclamation pad and western bridge abutment

Existing Bridge 1085

- Commencement of feature lighting installation works including vandal proof brackets and conduit works. Spotters will be in place to manage pedestrian/cyclist removalists around consolidated work area

In the estuary

- New fishing platform construction including partial removal of the temporary eastern reclamation pad
- Removal of the western reclamation pad and commencement of the future west foreshore yarn circle
- Bridge segment launching activities
- Vessel Management Plan remains in place with reduced width of navigation channel and a 5-knot speed limit

Further information

Jointly funded by the Australian and Western Australian Governments, the \$148.8 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 footpath will also be built to help the local community better access recreational activities. An accessible fishing platform will also be provided on the eastern foreshore.

To stay up to date with the latest project information or subscribe to automatic project updates, please visit www.mainroads.wa.gov.au/mebd or scan the QR code with your smartphone camera and follow the link:



You can also join our Facebook Group by visiting [Mandurah Estuary Bridge Duplication Project](#) or scan the QR code with your smartphone camera to follow the website link:

