

Wanneroo Road and Joondalup Drive Interchange

Fact sheet – Bridge construction

The Wanneroo Road and Joondalup Drive Interchange project will be undertaken in three stages and is due for completion early 2020.

Early works, which focused on locating underground services, began in September 2018 and were completed before major construction works started. Throughout the project, fences will be erected around the work areas and where required, new footpaths and cycle paths will also be installed.

Stage 1

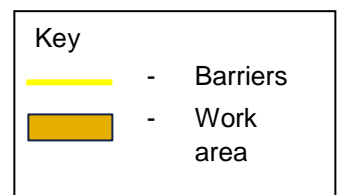
Stage 1 commenced in late November 2018. Major construction works have begun with two weeks of line marking and barrier installation at the Wanneroo Road and Joondalup Drive intersection.

The new lines will re-align the vehicle lanes at the intersection. For the majority of Stage 1, two lanes will remain open in all directions. There will be times when lanes need to be closed, however, these closures will usually occur during night works to avoid disruption to daytime traffic.

Barriers will be installed on all four corners of the intersection. Once installed, works will start behind the barriers which will include relocation of services, drainage and pavement construction.

Works will also include preparation of a temporary roundabout at the main intersection, which will be required to maintain four-way traffic movement during Stage 2.

Speed limits will be reduced through this area.



During Stage 1, works will be undertaken at the existing roundabout at Joondalup Drive and Burns Beach Road. Barriers will be installed on the northern side of the roundabout in preparation for

construction of a new slip lane from Burns Beach Road to Joondalup Drive eastbound. Stage 1 is due for completion at the end of April 2019.



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What does this mean for the community and road users?

- Pedestrian and cycle path diversions will be in place due to the barriers around the existing intersection and approaches
- Speed limits will be reduced
- Barriers will be on the road as traffic lanes are re-aligned
- Road shoulders will be temporarily removed
- Some night works will be undertaken

Stage 2

As part of Stage 2, the barriers at the Joondalup Drive and Wanneroo Road intersection will be moved to direct traffic through a temporary roundabout.

The barriers will be relocated to the middle of Joondalup Drive to enable construction of the ramps for the new bridge over Wanneroo Road.

To allow works to start on the ramps, the median strips, kerbing and pavement will be removed, and precast concrete wall panels will be installed to start building the sides of the ramp.

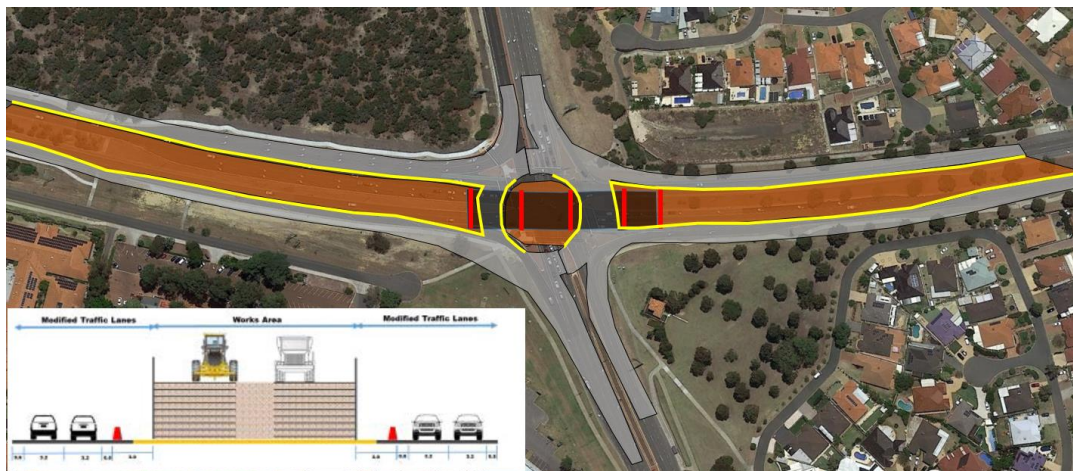
Three large sets of piers, which will support the bridge, will be installed during Stage 2. Two of the

piers will be in the middle of the roundabout, and one will be on the eastern side of the roundabout.

Over a weekend, 16 beams will be installed on top of the piers to create the bridge. During this time, the intersection will need to be closed to traffic to ensure the safety of the community and workers. Notice of this closure will be provided to local residents and road users in advance.

During Stage 2, works will continue on the Burns Beach Road roundabout, adding an extra lane on Joondalup Drive heading west into the roundabout.

Stage 2 is due to be finished in January 2020.



Key	
	- Barriers
	- Work area
	- Piers and abutments

What does this mean for the community and road users?

- Pedestrian and cycle path diversions will remain in place
- Speed limits will be reduced
- Barriers will be located in the middle of the road protecting the ramp construction activities
- Road shoulders will be temporarily removed
- Some night works will be undertaken
- The Wanneroo Road and Joondalup Drive intersection will be closed for a weekend for beam installation and traffic diversions will be in place.



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Stage 3



During the final stage of the works, traffic will be diverted off the Wanneroo Road roundabout and on to the new bridge. It is at this stage that asphalt is re-laid on the roundabout and the pavement is re-built.

To ensure the strength and longevity of the road, several layers of thicklift asphalt are required. During

this time, the roundabout will need to be closed to all traffic for a short period of time and road diversions will be in place.

Once Stage 3 is finished in early 2020, the project will be complete.



Key	
	- Bridge ramps
	- New thicklift asphalt

What does this mean for the community and road users?

- The new bridge over Wanneroo Road will be open for traffic
- The roundabout at the Wanneroo Road and Joondalup Drive intersection will be temporarily closed for a short period of time for the asphalt and pavement to be constructed. Traffic diversions will be in place.
- Pedestrian and cycle path diversions will remain in place
- Speed limits will be reduced
- Road shoulders will be temporarily removed
- Some night and weekend works will be undertaken



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Additional works

During Stages 1 and 2, other smaller works packages, including the new Cheriton Drive roundabout, Clarkson Avenue traffic lights and modifications to the intersections of St Stephens Crescent / Joondalup Drive and Drovers Place / Joondalup Drive will be undertaken.

The works will require traffic diversions and reduced speed limits through the area.

Works will commence in early 2019 and should be completed by the end of 2019.

What does this mean for the community and road users?

- There will be temporary lane closures in the work areas
- Traffic diversions may be in place
- Pedestrian and cycle path diversions will be in place
- Speed limits will be reduced
- Temporary traffic barriers will be on the road where works are undertaken
- Some night works will be undertaken

The timing of all works on the Wanneroo Road and Joondalup Drive Interchange project are subject to change. This fact sheet will be updated as the works progress.

For more information:

To register for electronic updates, please visit our website at <https://project.mainroads.wa.gov.au/home/> or email us at enquiries@mainroads.wa.gov.au or call 138 138.



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