

Wanneroo Road and Ocean Reef Road Interchange

Main Roads is currently assessing proposals from industry for design and construction of the \$65 million Wanneroo Road and Ocean Reef Road Interchange project, with a contract on track to be awarded in late 2018.

Reduced congestion and improved journey times

The project will alleviate congestion at one of the busiest intersections in Perth's North Metropolitan area, improving journey times at a well-known pressure point.

The Wanneroo Road and Ocean Reef Road intersection is heavily congested during peak periods, which not only affects traffic efficiency but has also increased crash rates.

"The 2017 Australian Road Research Board (ARRB) Report ranked it as Perth's 13th most congested intersection.

From 2013 to 2017, there were 197 crashes at the intersection, including 167 rear-end collisions."

By allowing traffic to flow freely through the new interchange, the risk of potentially dangerous rear end collisions is also reduced significantly. This means safer access between Wanneroo Road and adjacent suburbs, schools and community facilities.

Together with a new grade separated interchange at Joondalup Drive and a dual carriageway between Joondalup Drive and Flynn Drive, this project will improve the attractiveness of Wanneroo Road as a key north-south corridor, improving transport options for both commuters and local traffic.

Project scope

The scope of works currently includes:

- Construction of a road bridge at the intersection of Wanneroo Road and Ocean Reef Road. The final configuration will be determined following further traffic assessment.
- On and off ramps including traffic signals
- Service relocations and drainage improvements
- Realignment / reconstruction of paths and pedestrian crossing points

Plans for the project have been in place for more than 20 years. Projects of this nature are funded based on State-wide priorities related to congestion, safety and value for money.

Timeline to construction



Australian Government



Design and construction process

A high level concept design for the interchange was developed by Main Roads after considering and analysing a number of options for the current and future network traffic needs.

Industry was provided with this design to base their project proposals on.

Final details about the configuration of the interchange, the bridge structure, on and off-ramp locations, noise wall locations and materials, and construction staging will be determined during the detailed design stage after contract award.

Local road network

Changes at Villanova Street

Following road safety assessments at Villanova Street and Wanneroo Road, it has been determined that right-turn access out of Villanova Street to Wanneroo Road (southbound) will be removed.

To assist southbound movements, a U-turn facility will be installed in the median on Wanneroo Road north of Villanova Street and south of East Street. The exact location will be determined by the contractor during the detailed design stage.

The road safety assessments took into account merging lanes south of the Wanneroo Road and Villanova Street intersection, the free flowing nature of through-traffic on Wanneroo Road, and the continuous left slip lane that will operate from Ocean Reef Road eastbound to Wanneroo Road northbound once the project is complete.

All other traffic movements at the intersection will remain unchanged; that is:

- Right-turn access from Wanneroo Road (southbound) to Villanova Street
- Left-turn access from Wanneroo Road (northbound) to Villanova Street
- Left-turn access from Villanova Street to Wanneroo Road (northbound)

Access to Cockman House

Access to Cockman House will be removed from Ocean Reef Road, and new parking and access will be constructed via a new road off Woodvale Drive.

Wider traffic analysis underway

Video traffic surveys have been undertaken on Wanneroo Road and Ocean Reef Road, and where they intersect with the local road network including Archer Street, Villanova Street, Backshall Place, East Road, Scenic Drive, Woodvale Drive and Buckingham Drive.

Data gathering for this analysis is complete and detailed traffic modelling is underway to inform the project's design. We anticipate being able to share these results in future communications.

Working with the community

Main Roads has been working closely with the community and key stakeholders to identify and discuss project concerns, progress traffic analysis and land acquisition, and share project information.

A project Community Reference Group (CRG) has been formed to provide local feedback on the planning concept and to liaise with the contractor during the detailed design and construction phase.

The group is made up of community members from areas adjacent to the project including Regent Waters Estate, Pearsall and Woodvale, as well as representatives from the cities of Wanneroo and Joondalup, and the Main Roads project team.

The second CRG meeting is planned for late-October 2018.

We remain committed to keeping the wider community up to date and the project transitions to construction.

You can register for project updates at <https://project.mainroads.wa.gov.au/home/> by clicking the Stay Updated tab. Our project stakeholder engagement manager can be contacted at enquiries@mainroads.wa.gov.au or on 138 138.

WANT MORE INFORMATION?

Want the latest project news delivered straight to your inbox? Register for updates at mainroads.wa.gov.au

FURTHER INFORMATION

If you would like to know more about the Wanneroo Road and Ocean Reef Road Interchange project, visit the project webpage at <https://project.mainroads.wa.gov.au/home> or call Main Roads on 138 138.

CONTACT US

If you have a question about the project you are welcome to contact us on:

Call 138 138

Email: enquiries@mainroads.wa.gov.au



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