

Wanneroo Road and Joondalup Drive Interchange

Design and development activities are well underway for the Wanneroo Road and Joondalup Drive Interchange, one of three congestion-busting projects planned for Perth's northern corridor.

Overview

The Wanneroo Road and Joondalup Drive Interchange is a future-focused solution to support current and projected levels of traffic resulting from residential and industrial development in Perth's northern suburbs.

The upgrade will remove bottlenecks and reduce travel times on:

- Wanneroo Road - currently used as an alternate route to the Mitchell Freeway; and
- Joondalup Drive - a significant east-west access corridor between Mitchell Freeway, Joondalup City Centre and the expanding residential communities to the east of Wanneroo Road.

The replacement of a busy signalised intersection with a free flowing interchange will provide immediate safety benefits and shorter, more predictable journey times for all road users.

Scope of Works

The current scope of works includes:

- Grade separation with Joondalup Drive going over Wanneroo Road with two lanes in each direction.
- A roundabout underneath the bridge.
- Modifications to the Burns Beach Road and Joondalup Drive roundabout.
- Retaining walls and noise walls.
- Fencing, drainage, landscaping and street lighting.
- Shared paths and bus facilities.

- Modifications to the intersections of Joondalup Drive and Drovers Place, and Joondalup Drive and St Stephens Crescent) to improve safety.

As part of our project development activities, we have been working closely with Local Government to examine potential improvements to the intersections of Wanneroo Road and Clarkson Avenue, and Joondalup Drive and Cheriton Drive to enhance access to and from the suburbs of Tapping and Carramar.



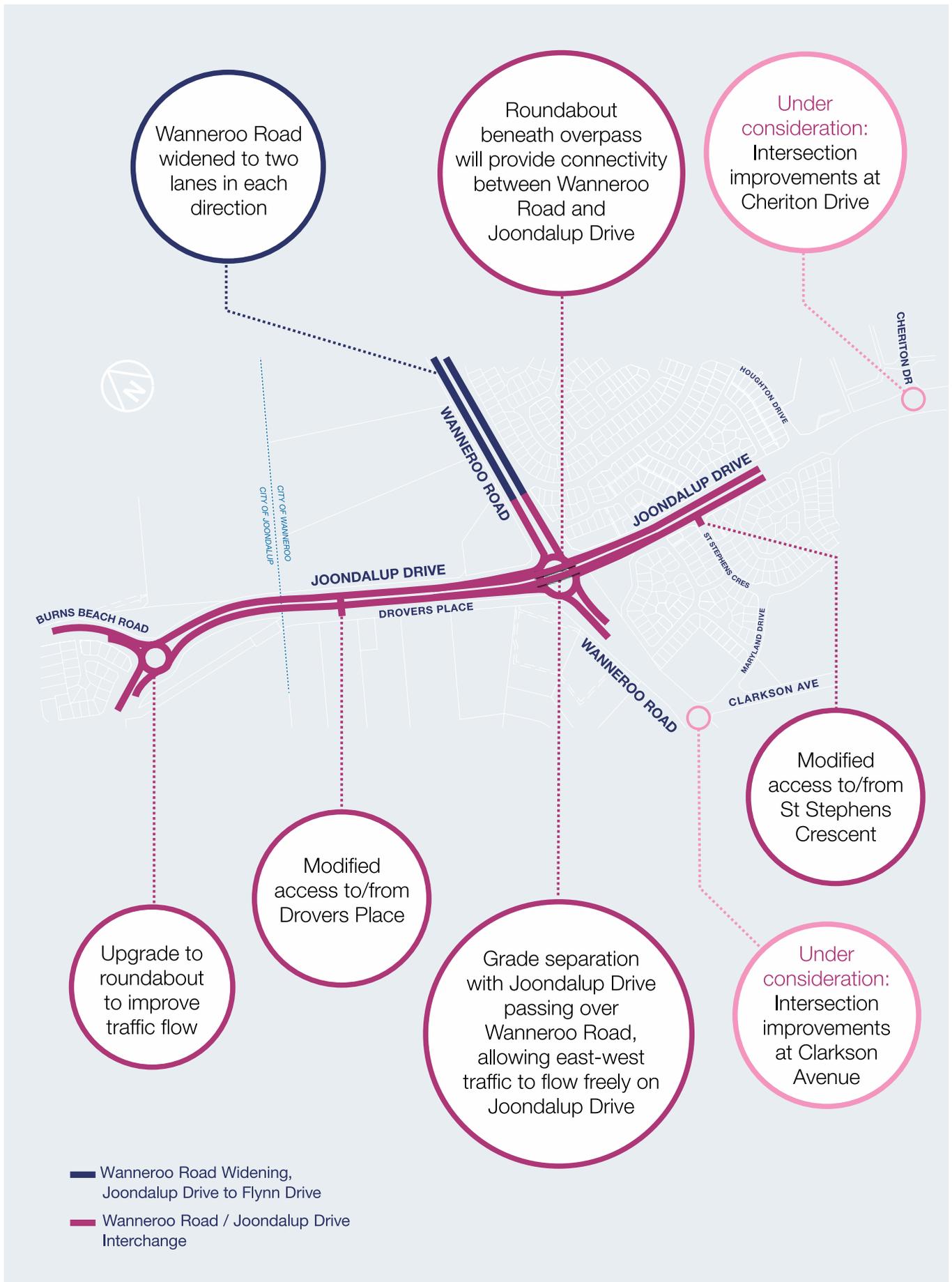
TIMELINE TO CONSTRUCTION



Australian Government



Current Concept Design (January 2018)



Working with the Community

Main Roads has been working closely with the community since funding for the Wanneroo Road and Joondalup Drive Interchange was announced in May 2017.

We have sought local input into the scope and development of the project wherever possible and remain committed to listening to views of the community as the project moves forward. Engagement activities have included:

- Formation of a Community Liaison Group, consisting of key stakeholders and residents located within the vicinity of the project area. Three meetings have been held to-date.
- Meetings and briefings with local businesses, schools and residents and community representatives.
- A Technical Working Group, comprising key representatives from the Cities of Wanneroo and Joondalup.
- Project newsletters, site investigation notifications and website updates.
- Shopping Centre Displays, held on 21 and 28 October 2017 to provide the community the opportunity to view the concept design and share their views with the project team. Over 250 people attended these displays over the course of the two sessions.

What you told us

The most frequent questions and comments from the community engagement process, along with our response to each issue are summarised in the table below:

YOUR FEEDBACK	OUR REPOSE
Is this project needed now following the minor modifications to the intersection as part of the Mitchell Freeway Extension project?	Whilst these minor modifications have improved levels of service, Wanneroo Road continues to be inhibited by signalised intersections. Main Roads traffic modelling indicates that within five years, service levels will again deteriorate at the intersection due to increased demand. A long-term solution is also required to address east-west traffic flow along Joondalup Drive and Burns Beach Road, which also experience congestion during peak periods.
Why has priority at the interchange been given to Joondalup Drive rather than Wanneroo Road?	Traffic surveys demonstrate that traffic volumes on Joondalup Drive are two and a half times greater than Wanneroo Road. Joondalup Drive is the major east-west route used to access the Joondalup City Centre, the Mitchell Freeway, the train line and coastal area.
How will Main Roads manage traffic delays during construction?	Our Traffic Management Plan will include advanced notifications to road users, nearby residents and local businesses. We will also work closely with other projects in the area to minimise delays or closures.
How will Main Roads manage noise and impacts on visual amenity?	We will work closely with our Community Liaison Group to ensure the landscaping and urban design treatments are sympathetic to the local surroundings. Noise mitigation treatments are being incorporating into the project, including the provision of noise walls. The project will also address stop-start vehicle movements through more consistent approach speeds.
How will Main Roads maintain effective pedestrian, cycling and bus access?	Consultations are underway with the Department of Transport and Public Transport Authority to ensure the project meets the requirements of cyclists and public transport users, while providing a safe environment for pedestrians.
Will this project improve access to and from surrounding local roads?	We are examining potential modifications to other local roads in partnership with Local Government, businesses and community representatives.

AT A GLANCE

Upgrades to the Wanneroo Road (2017-2020)



Beating congestion on Wanneroo Road

The Wanneroo Road and Joondalup Drive Interchange project is part of a \$2.3 billion investment in road and rail infrastructure by the Australian (\$1.6 billion) and State Governments (\$745 million), announced by Premier Mark McGowan on 7 May 2017.

As part of this package, three new road projects will be constructed in Perth's northern corridor:

- Wanneroo Road Widening from Joondalup Drive to Flynn Drive
- Wanneroo Road and Joondalup Drive Interchange
- Wanneroo Road and Ocean Reef Road Interchange

These complementary projects will help cater for long-term traffic demands generated by rapid growth in Perth's north-west metropolitan corridor.

In 2015/16, the City of Wanneroo was the fastest-growing local government in Western Australia. By 2041, the population is expected to grow to 400,000 from a 2016 level of 198,000.

Improved access and reduced congestion will increase the attractiveness of Perth's northern corridor as an industrial centre, supporting the growth of local jobs and services.

WANT MORE INFORMATION?

Please contact Main Roads on 138 138 or email enquiries@mainroads.wa.gov.au

More information is also available at www.mainroads.wa.gov.au

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