



Australian Government

BUILDING OUR FUTURE



Homebush Bay Drive and Australia Avenue, Homebush intersection upgrade

Have your say on the preferred option.

Public consultation closes Sunday 29 May 2022



The Australian and NSW Governments are investing \$100 million to upgrade the intersection of Homebush Bay Drive, Australia Avenue and Underwood Road to ease congestion, increase safety, and improve travel times and connectivity to Homebush and Sydney Olympic Park for all road users.

Currently, motorists are experiencing significant delays, long queues and wait times at the intersection, particularly during AM, PM, and weekend peak periods, and during special events at Sydney Olympic Park.

Congestion at the intersection also impacts bus service reliability for 525 and 526 bus routes, and the reliable and efficient movement of commuters and freight movements within the regional traffic network.

The intersection also currently presents safety risks for all road users.

Selection of a preferred option

Transport for NSW has now carried out site investigations and assessments to identify a preferred option to upgrade the intersection. A signalised intersection, configured as a Diverging Diamond Interchange, performed best overall when compared with the other options. This innovative intersection arrangement will improve safety, efficiency, and capacity at the intersection more effectively than a conventional signalised intersection.

The Preferred Option Report provides more detail on the option selection process. The Report is available to read or download from the project webpage at nswroads.work/australiaavenue

Transport for NSW is seeking public feedback on the preferred option by **Sunday 29 May 2022 at 5PM**. We will use feedback from community members and stakeholders to further develop the proposal.

Key benefits

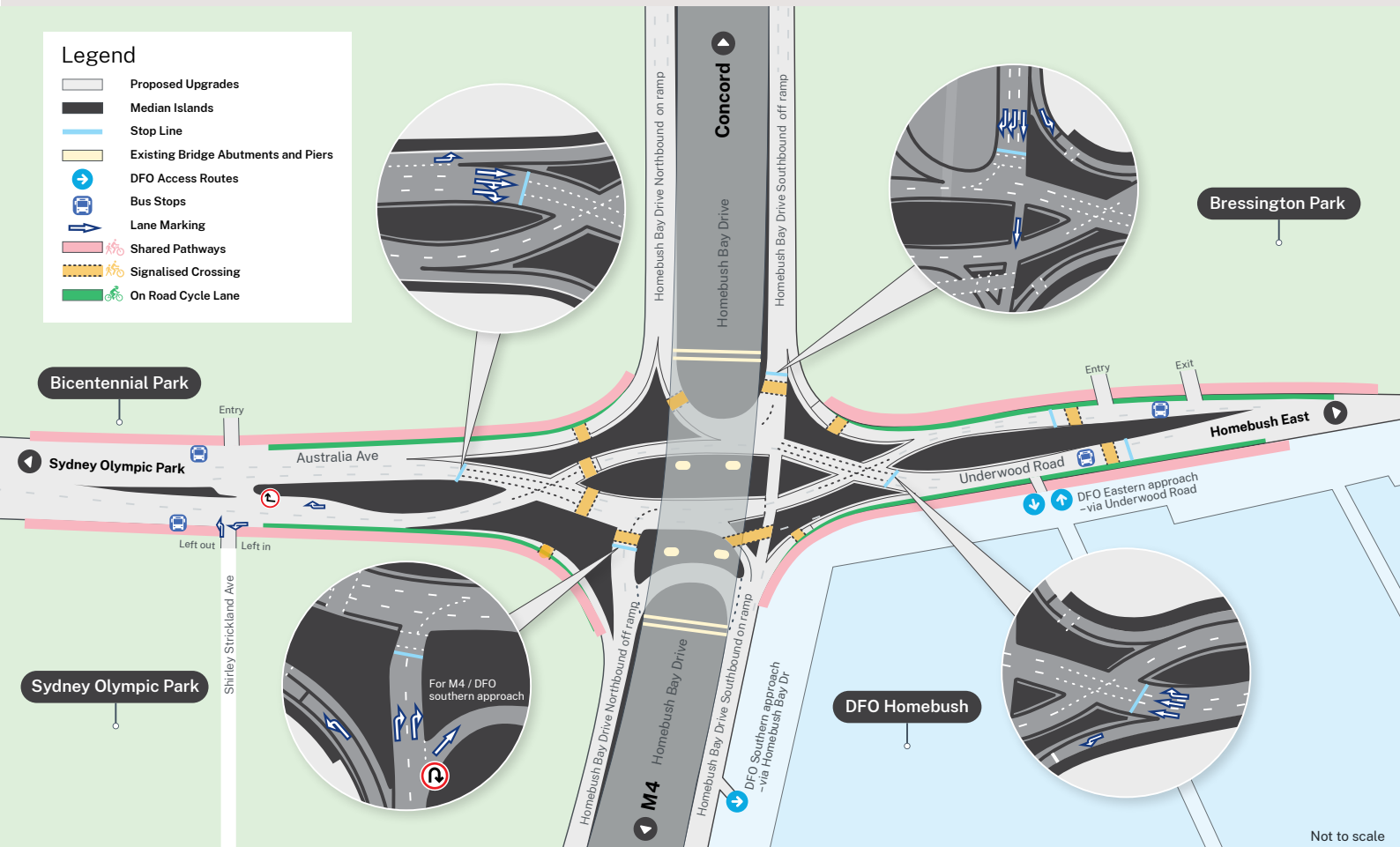
Key benefits of the preferred option include:

- improved connectivity to Sydney Olympic Park residential, recreational and commercial growth areas
- improved traffic flow and performance at the intersection
- improved travel time savings for all road users, particularly during AM, PM and weekend peaks, and during special events at Sydney Olympic Park
- improved travel times and service reliability for 525 and 526 bus routes users
- improved safety for all road users at the intersection and approaches
- safer and more efficient travel for pedestrians and cyclists
- reduced vehicle operating costs for all road users
- improved environmental and visual amenity.

Key features

Key features of the preferred option include:

- upgrading the existing roundabout to a signalised intersection to allow for real-time peak period adjustments
- widening Australia Avenue, Underwood Road and Homebush Bay Drive (southbound) off ramp approaches to three lanes
- providing a U turn lane on the Homebush Bay Drive (northbound) approach to allow traffic flow back onto Homebush Bay Drive (southbound) on ramp, towards M4 Motorway
- providing left slip lanes at all approaches
- widening existing pedestrian footpaths on Australia Avenue and Underwood Road to provide shared use (pedestrian and cyclist) pathways
- providing coordinated pedestrian activated traffic signals on all approaches
- building a signalised shared use crossing on Australia Avenue
- upgrading existing signalised pedestrian crossings on Homebush Bay Drive on and off ramp approaches and Underwood Road to signalised shared use crossings
- building new shared use refuge islands
- improving existing on-road bicycle lanes on Australia Avenue.



Homebush Bay Drive (northbound) off ramp

- modifying the existing two lanes to provide dual right lanes towards Underwood Road
- providing a U turn lane ahead of the approach to allow traffic flow back onto Homebush Bay Drive (southbound) on ramp, towards M4 Motorway
- improving the existing left slip lane onto Australia Avenue, towards Sydney Olympic Park
- upgrading the existing signalised pedestrian crossing to a shared use (pedestrian and cyclist) crossing, with pedestrian activated traffic signals
- building shared use refuge islands to improve connectivity to Bicentennial Park and Direct Factory Outlet (DFO) Homebush.

Homebush Bay Drive (southbound) off ramp

- widening the approach from two to three lanes, to provide one through lane onto Homebush Bay Drive (southbound) on ramp, towards M4 Motorway, and two right lanes, towards Australia Avenue
- providing a left slip lane onto Underwood Road
- upgrading the existing signalised pedestrian crossing to a shared use (pedestrian and cyclist) crossing, with pedestrian activated traffic signals
- building shared use refuge islands to improve connectivity to Bicentennial Park.

Australia Avenue

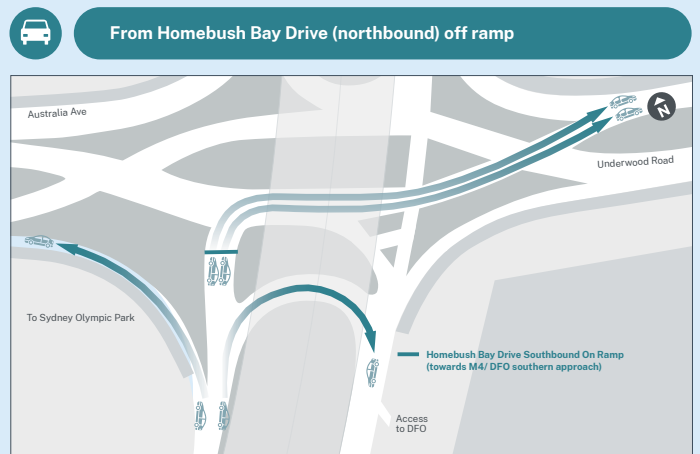
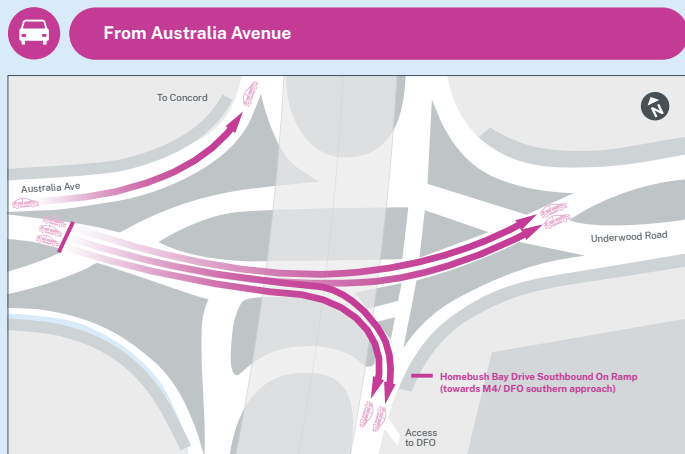
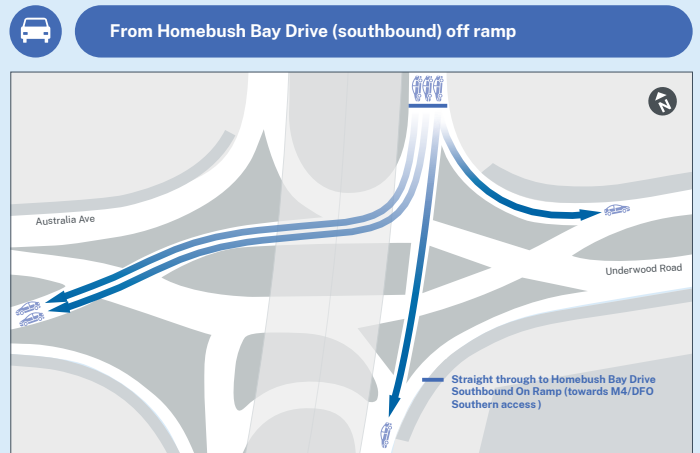
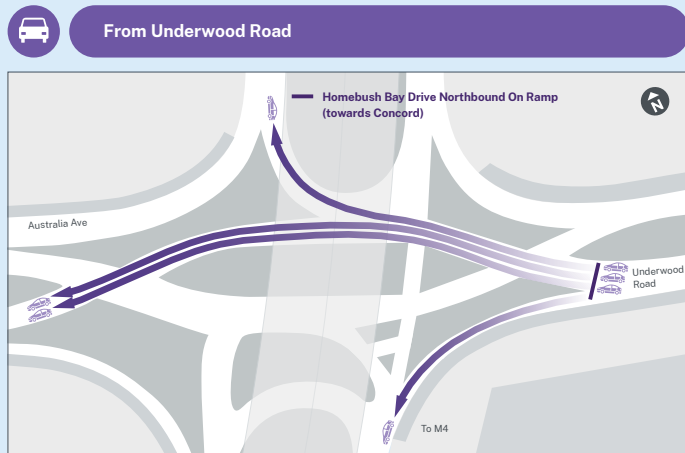
- widening the approach from two to three lanes to provide one through lane towards Underwood Road, one through/right lane towards Underwood Road/ Homebush Bay Drive (southbound) on ramp and one right lane towards Homebush Bay Drive (southbound) on ramp, towards M4 Motorway
- improving the existing left slip lane onto Homebush Bay Drive (northbound) on ramp, towards Concord
- widening the existing pedestrian footpath to provide a shared use (pedestrian and cyclist) pathway
- building a shared use crossing on Australia Avenue with pedestrian activated traffic signals
- building shared use refuge islands to improve connectivity to Sydney Olympic Park and Bicentennial Park
- improving existing on-road bicycle lanes on Australia Avenue.

Underwood Road

- widening the approach from two to three lanes, to provide two through lanes towards Australia Avenue and one right lane towards Homebush Bay Drive (northbound) on ramp, towards Concord
- providing a left slip lane onto Homebush Bay Drive (southbound) on ramp, towards M4 Motorway
- widening the existing pedestrian footpath to provide a shared use (pedestrian and cyclist) pathway
- upgrading the existing signalised pedestrian crossing to a shared use crossing, with pedestrian activated traffic signals
- building a new shared use refuge island to improve connectivity to Bressington Park and Direct Factory Outlet (DFO) Homebush.

An innovative solution

Transport for NSW wants to transform the Homebush Bay Drive, Australia Avenue and Underwood Road intersection, using an innovative signalised intersection design. A Diverging Diamond Interchange will provide a new way of managing existing traffic volumes and increasing demands, whilst improving safety for all road users and keeping large traffic volumes moving quickly, safely and efficiently.



Supporting traffic movements

While the preferred option is new to NSW drivers it will be easy and safe to navigate. The Diverging Diamond Interchange design is unique, in that traffic will navigate through the intersection via a crossover arrangement.

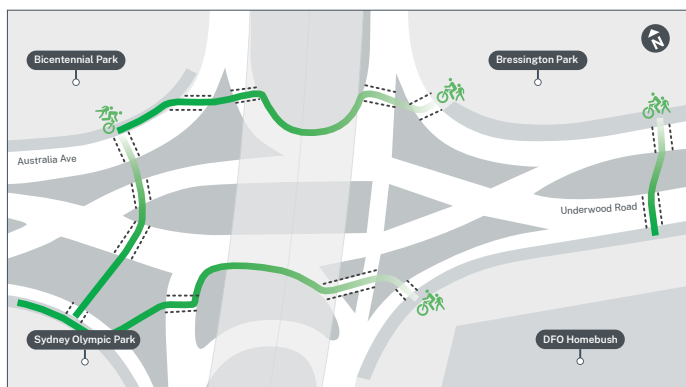
The crossover of traffic will be undertaken under the safety of signalised intersections, which will increase traffic efficiency and remove conflicts with opposing vehicles.

The design allows traffic movements to be controlled by traffic signals, with simplified traffic signal phasing, providing increased green time within the intersection. The layout also provides a significant improvement in safety, since right turn movements no longer need to wait for opposing through traffic to clear, or a safe gap.

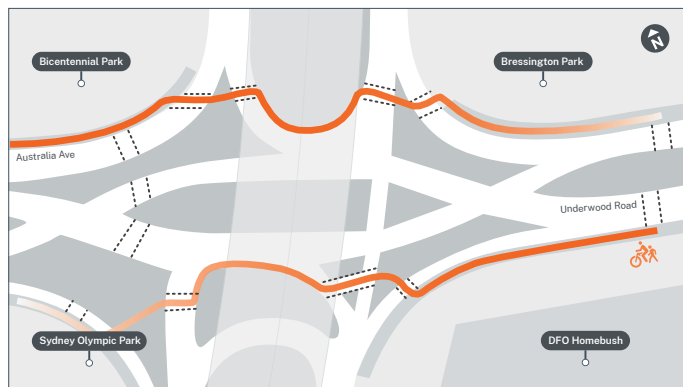
The design will also improve the efficiency of the intersection, as the lost time for various phases in the cycle can be redistributed as green time. By grouping traffic approaches together through the intersection there will be a significant reduction of signal phases when compared with conventional intersection layouts which consist of six or more phases.



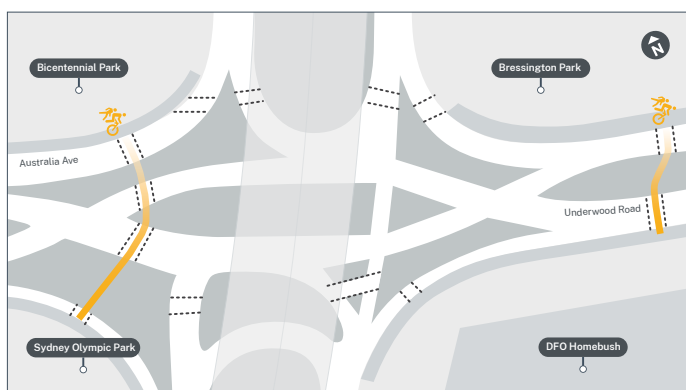
Pedestrians and Cyclist Movements



East West Movements Australia Avenue – Underwood Road



North South Movements Bicentennial Park – Sydney Olympic Park and Bressington Park – DFO



Supporting active and public transport use

The preferred option will support improved safety, travel times and connectivity for the increasing number of active transport and bus users accessing the area for shopping, commercial and recreational purposes.

Walking, cycling and public transport will be supported by:

- providing more efficient and reliable services for 525 and 526 bus route users
- widening existing pedestrian footpaths on Australia Avenue and Underwood Road to provide shared use (pedestrian and cyclist) pathways
- providing coordinated pedestrian activated traffic signals on all approaches to minimise waiting time
- building a new shared use crossing on Australia Avenue with pedestrian activated traffic signals
- upgrading existing signalised pedestrian crossings on Homebush Bay Drive on/off ramp approaches and Underwood Road to shared use crossings with pedestrian activated traffic signals
- building new shared use refuge islands
- improving existing on-road bicycle lanes on Australia Avenue

Have your say



Transport for NSW invites the community and stakeholders to provide feedback until **Sunday 29 May 2022 at 5PM.**

We are inviting feedback by:



1800 844 199 during business hours



australia.avenue@transport.nsw.gov.au



nswroads.work/australiaavenue-portal



Homebush Bay Drive and Australia Avenue intersection upgrade, Central River City, C/-Level 11, 130 George Street, PARRAMATTA NSW 2150

Your feedback will help Transport for NSW understand what is important to the community.

Community information session

In response to the evolving COVID-19 situation, Transport for NSW is carrying out consultation in different ways to limit the spread of COVID-19 and ensure the community can have their say.

To ensure the health and safety of the community and our staff we will hold an online community information session **via Microsoft Teams on Wednesday 4 May from 4:00pm to 5:00pm.**

During the session our project team will explain the proposed upgrade and answer any questions you may have. This session can be joined using the following link **nswroads.work/ausaveinfosession.**

We encourage you to submit your questions in advance by emailing or calling the team.

Interactive portal

Visit our interactive portal and online map for more information on what we are proposing to do. Check it out at **nswroads.work/australiaavenue-portal**



Community feedback

Once the consultation period closes Transport for NSW will carefully consider all feedback received. A report which summarises feedback, and our responses, will be published later this year on the project webpage.

Keeping you up to date

We will continue to keep community members and stakeholders informed as planning progresses by community notifications and updates to the project webpage.

If you would like to receive project updates direct to your email, please email **australia.avenue@transport.nsw.gov.au** and we will add you to our mailing list.



Your personal details will be stored securely and will only be used to send updates on the proposal, direct to your email.

Scan me to subscribe

Other projects in the area

The area is supported by other NSW Government transport projects which will significantly improve connectivity between Sydney Olympic Park, Parramatta and the Sydney CBD into the future. These include:

- WestConnex M4 Motorway
- Sydney Metro West
- Parramatta Light Rail Stage 2 (proposed)
- Hill Road upgrade at Sydney Olympic Park and Lidcombe

Connectivity to Sydney Olympic Park will be improved, and travel times to and from the Sydney and Parramatta CBDs reduced, by Sydney Metro and proposed Parramatta Light Rail Stage 2 connections to Sydney Olympic Park.

Next steps



Ongoing community engagement

*Subject to project approval construction is expected to commence in 2025 and take about 18 months to complete.

Contact us

If you have any questions, or would like more information on the proposed Homebush Bay Drive and Australia Avenue intersection upgrade, please contact our project team by:

- 1800 844 199
- australia.avenue@transport.nsw.gov.au
- nswroads.work/australiaavenue



If you need help understanding this information, please contact the Translating and Interpreting Service on **131 450** and ask them to call us on **1800 844 199**.

Translating and Interpreting Service

If you need an interpreter, please call the Translating and Interpreting Service (TIS National) on **131 450** and ask them to telephone Transport for NSW on **1800 844 199**.

Cantonese

如果你需要口譯員，請致電**131 450**，聯絡翻譯口譯服務署 (TIS National)，要求他們致電**1800 844 199**，聯絡Transport for NSW。

Mandarin

如果你需要口譯員，請致電**131 450**，聯絡翻譯口譯服務署 (TIS National)，要求他們致電**1800 844 199**，聯絡Transport for NSW。

Korean

통역사가 필요하시면 통번역서비스 (TIS National)에 **131 450** 으로 전화하여 Transport for NSW에 **1800 844 199**번으로 전화하도록 요청하십시오.

Hindi

यदि आपको दुभाषिण की आवश्यकता है तो अनुवाद एवं दुभाषिया सेवा (TIS National) को **131 450** पर फोन करें और उन्हें निम्नलिखित को फोन करने के लिए कहें: **1800 844 199**

Tamil

உங்களுக்கு ஒரு மொழிபெயர்த்துரைப்பாளர் தேவைப்பட்டால், தயவுசெய்து மொழிபெயர்த்தல் மற்றும் மொழிபெயர்த்துரைப்பாளர் சேவையை (TIS National) **131 450** என்ற எண்ணில் அழைத்து, Transport for NSW -ஐ **1800 844 199** என்ற தொலைபேசி எண்ணில் அழைக்குமாறு அவர்களிடம் கேட்கவும்.

Privacy. Transport for NSW are collecting your personal information in connection with Homebush Bay Drive and Australia Avenue intersection upgrade. In addition to collecting your name and contact details we may collect other information such as your submissions and other communications with us. We will retain and use this information for consultation purposes, including communications and analysis in connection with the Project. We will not disclose your personal information to third parties unless authorised by law and if we include your submissions in any public report we will not identify you. Providing your personal information is voluntary but if you do not provide it we may not include you on our stakeholder database and you might miss further consultation opportunities. Your personal information will be held by us and you can contact us to access or correct it. Please write to us at parramatta@transport.nsw.gov.au or call on **1800 844 199** For further information, please see Transport for NSW's Privacy Management Plan on our Privacy page or contact australia.avenue@transport.nsw.gov.au.

Publication number 22.072