

Armadale Road to North Lake Road Bridge

Construction Update



Finishing works full steam ahead on Armadale Road, as the project reaches 95 per cent completion.

An abundance of construction activities are in progress along Armadale Road to complete the remaining stretch of road network that will connect to the Armadale Road to North Lake Road Bridge.

Over the next few weeks, works will be carried out to complete the asphalt and bridge works,

which includes screen panel installation on top of the bridge at the Armadale Road, Verde Drive and Tapper Road intersection. The Principal Shared Path (PSP) will also be completed.

Finishing works, including kerbing are also in progress at Freshwater Drive and Armadale Road intersection to complete the permanent design.



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New traffic signals operational at Ghostgum Avenue

The upgraded intersection at Armadale Road and Ghostgum Avenue opened earlier this month, with right turn movements between Armadale Road and Ghostgum Avenue reinstated following a long-term closure.

This intersection has been reconfigured to provide additional turning capacity on Ghostgum Avenue, through lanes on Armadale Road as well as improved pedestrian crossing facilities.



Operational traffic signals at Ghostgum Avenue and Armadale Road intersection

Kwinana Freeway Principal Shared Path opens

The long-awaited section of Principal Shared Path (PSP) along Kwinana Freeway, between Beeliar Drive and Muriel Court, reopened in early September following a long-term closure.

The newly constructed PSP network travels via bushland adjacent to Kentucky Court and the new underpass below the Armadale Road to North Lake Road Bridge on-ramp to Kwinana Freeway northbound.



PSP on Kwinana Freeway northbound via the new underpass under the Armadale Road to North Lake Road bridge entry ramp

We thank the local community and road users for their patience and support while we have delivered these important upgrades.



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New traffic signals operational on North Lake Road and Midgegooroo Avenue

The new signalised intersection at North Lake Road, Midgegooroo Avenue and Kentucky Court was partially opened in late August. This new intersection includes an additional lane in both directions on North Lake Road and additional turning lanes on Midgegooroo Avenue. The new entry ramp to Kwinana Freeway northbound from the Armadale Road to North Lake Road Bridge is scheduled to open shortly, improving connectivity for road users traveling to the northern suburbs.



Completed intersection at North Lake Road, Midgegooroo Avenue and Kentucky Court

New collector-distributor road opens on Kwinana Freeway southbound

The collector-distributor (CD) road is directly adjacent to the freeway, between Berrigan Drive and Armadale Road / Beeliar Drive. This new CD road will reduce traffic congestion, improve traffic flow and safety outcomes. Over a 12-month period, works have been undertaken to construct the new CD road, which included pavement construction, barrier installation as well as line marking, kerbing and signage.

The new CD is located close to ongoing Thornlie-Cockburn Link project works, currently being undertaken by METRONET.



Collector-distributor road, Kwinana Freeway southbound

Cockburn Central station eastern carpark is now open

The majority of car bays are open to the public, with the final finishing works and landscaping the only remaining items to be completed.

Access to the carpark and the adjacent commercial area is via the newly constructed Knock Way, on the eastern side of Kwinana Freeway, running underneath the Armadale Road to North Lake Road Bridge.



Cockburn Central eastern carpark complete bays with new road network



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Iconic Subiaco Oval grandstand re-purposed for Armadale Road to North Lake Road project

As part of the State Government's *Roads to Reuse* initiative, this project was tasked with using recycled construction and demolition products wherever possible. Working closely with nearby projects, suppliers, and environmental bodies, the project team has sourced around 29,000 tonnes of Crushed Recycled Concrete (CRC), which equates to almost one-third of the permanent road subbase on this project coming from recycled materials.

Nearly half of the CRC materials on this project has come from demolition of the iconic Subiaco Oval grandstands, with the remaining materials made up from nearby construction projects as well as onsite demolition materials.

The use of CRC will deliver economic and environmental benefits such as:

- diverting waste away from landfills
- reduces reliance of virgin materials
- congestion benefits from reduced transport

The successful application of CRC on this project has prompted the Department of Treasury to use the Armadale Road to North Lake Road Bridge project as a case study to model the benefits of the *Roads to Reuse* initiative.

Virgin raw materials, such as limestone or crushed rock, have long been used as road subbase. These processes are slowly changing with the construction industry finding more sustainable ways to use recycled products.



Crushed Recycled Concrete trimmed and compacted at the North Lake Road Intersection

For more information about the projects sustainability targets and how we are tracking, please click on the following link: <https://www.mainroads.wa.gov.au/projects-initiatives/projects/metropolitan/Armadale-Road-North-Lake-Road-Bridge/>

METRONET Thornlie-Cockburn Link

Ongoing rail construction works are in operation on both sides of Kwinana Freeway for the Thornlie-Cockburn Link project. For information on the METRONET Thornlie-Cockburn Link project, please visit <https://www.metronet.wa.gov.au/projects/thornlie-cockburn-link>, email info@metronet.wa.gov.au or call 9326 3666.

If you have any questions or concerns, or would like to register for email updates, please email enquiries@mainroads.wa.gov.au or call 138 138. More information is available on the project webpage <https://www.mainroads.wa.gov.au/projects-initiatives/projects/metropolitan/>



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