



Swan River Crossings Project Fremantle Traffic Bridge



Road network changes during bridge closure

The new Fremantle Traffic Bridge will become Australia's only extradosed bridge, creating a striking gateway to Walyalup (Fremantle). The new bridge features:

- Two traffic lanes in each direction separated by a median.
- Higher and wider navigational clearances to improved safety for boats, kayaks, and other river users.
- New wider and safer pedestrian and cycling paths (up to four metres wide) on both sides to connect into the existing path network.

The new bridge is being constructed on the same alignment as the current bridge. This alignment decision was informed by extensive consultation with stakeholders and the local community between 2019 and 2023.

While significant construction activity can occur with the existing bridge still open, it will be necessary to close the bridge to complete the project. Based on the current timetable, a closure of the bridge for up to 12 months is anticipated to commence in early 2026. This timing reflects feedback from local business representatives and avoids any disruption to road users, businesses and visitors to Fremantle during the busy Christmas period.

Closure Planning Considerations

- The Fremantle Traffic Bridge and Stirling Bridge are key river crossing points where traffic from north, south, east and west of Fremantle converges.
- High volumes of truck traffic travel between Fremantle Port and destinations south of the river via Tydeman Road, Stirling Highway and Leach Highway. Maintaining a reliable freight corridor is critical to the operation of the port and the WA economy.
- Canning Highway and Leach Highway are important east-west routes, connecting Fremantle to Kwinana Freeway and suburbs to the east.
- Queen Victoria Street carries approximately 23,000 vehicles per day and Stirling Bridge carries 38,000 vehicles. Redistributing these 23,000 vehicles will place considerable pressure on all key routes.

Main Roads has undertaken a thorough network analysis to determine how best to manage the road network during the closure. The key focus is to keep traffic moving on Stirling Highway and avoid gridlock. Detailed investigations of the road network have involved surveying over 100 intersections. A series of road modifications has been discussed with and further reviewed by State and Local Government agencies to manage and reduce the impacts on the travelling public and ensure essential services are able to operate.

Road network changes

Proposed modifications include temporary changes to intersection layouts and extended turning pockets to assist in reducing congestion and keep Stirling Highway moving.

The road network changes require works to start in May 2025 to be ready for bridge closure. More information will be provided to nearby residents and the wider community through various channels, including Roadworks Updates, briefings, notifications and door knocks.

Fremantle Traffic Bridge Closure

Network changes to keep Stirling Highway moving

Legend

- Modified traffic flow
- New dedicated turn signal
- Removed route
- Lane closure
- Keep Clear markings

Stirling Highway / Queen Victoria Street

- Use right turn lane to access Tydeman Road and Queen Victoria Street.

North Fremantle

Stirling Highway / Tydeman Road / John Street

- Access to Tydeman Road via Queen Victoria Street only.
- New right turn signal into John Street from Stirling Highway.

Queen Victoria Street / Tydeman Road

- Shared through/right turn lane on Tydeman Road becomes through lane only.

Canning Highway / Stirling Highway

- No general traffic east and west on Canning Highway. Buses only.
- Left and right turn from Canning Highway into Stirling Highway.
- No right turn from Stirling Highway southbound to Canning Highway. Use High Street.
- General traffic seek alternatives to Fremantle.

East Street / Marmion Street

- Temporary roundabout at Marmion Street and East Street.

Stirling Highway / Marmion Street

- Extended turning pocket from Stirling Highway to Marmion Street to fit more cars.
- No right turn from Stirling Street to Marmion Street.

East Street / Ord Street

- Two lanes westbound into Fremantle.

High Street / East Street

- New right turn signal from High Street into East Street.

High Street / Ord Street

- No right turn from High Street to Ord Street.

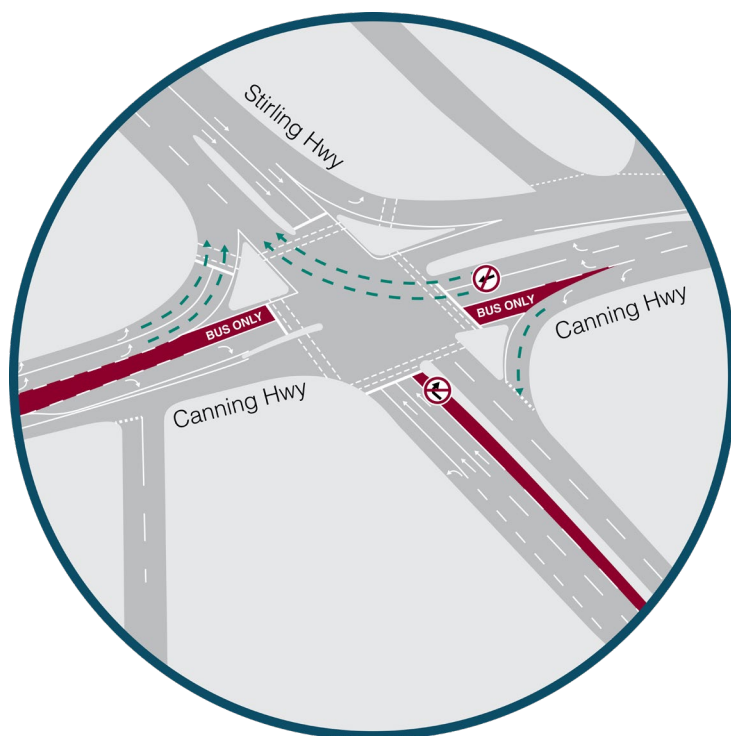


Road Network Changes Explained

South of Stirling Bridge (Fremantle / East Fremantle)

Canning Highway and Stirling Highway

- Only Transperth buses can travel east and west on Canning Highway. All other vehicles will need to use alternative routes to and from Fremantle.
- Traffic signals will change to prioritise north and south movements to keep Stirling Highway moving.
- The right turn pocket from Canning Highway to Stirling Highway will be extended to offer extra capacity.
- The existing left turn towards Fremantle remains via a give way from Canning Highway westbound to Stirling Highway southbound, where alternative routes to Fremantle can be found.
- The left turn pocket from Canning Highway to Stirling Highway northbound will be upgraded to two lanes and signalised, providing a safer turning movement.



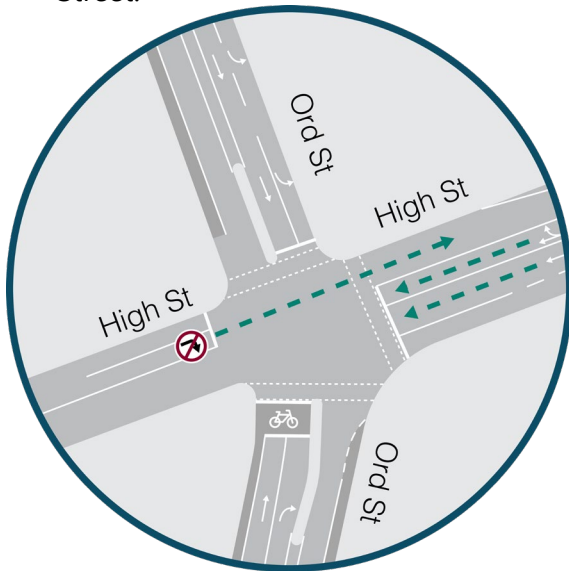
Stirling Highway and Marmion Street

- Dedicated right turn (green arrow) and extension of the southbound turning pocket to Fremantle by 200 metres to provide more space for vehicles turning into Marmion Street.
- Right turn from Stirling Highway northbound to Marmion Street is removed to keep Stirling Highway moving. Alternative access via High Street.



High Street and Ord Street

- Right turn from High Street eastbound onto Ord Street is being removed to improve safety and keep traffic moving on High Street. Alternative access via Stirling Street.



High Street, between East Street and Ord Street

- A second westbound lane is being added to increase capacity and access into Fremantle.



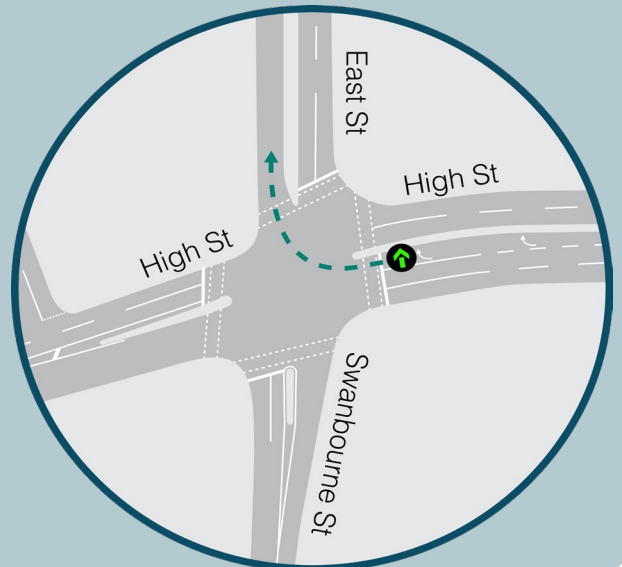
East Street and Marmion Street

- Installation of a temporary roundabout to keep traffic flowing by providing additional safety measures and traffic calming.



High Street and East Street

- Dedicated right turn (green arrow) from High Street westbound onto East Street for improved safety.

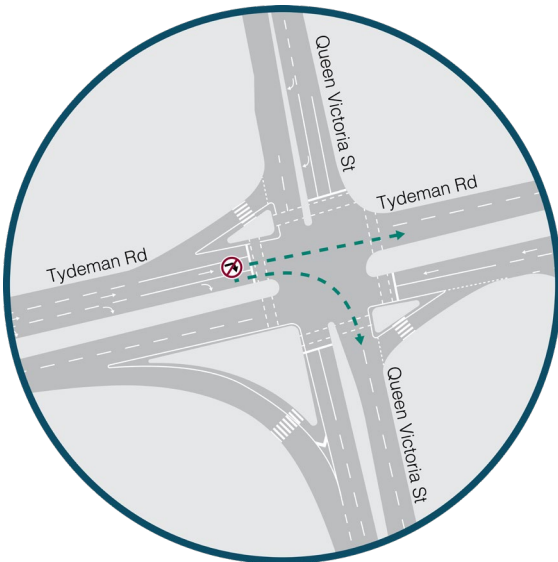


Road Network Changes Explained

North of Stirling Bridge (North Fremantle)

Queen Victoria Street and Tydeman Road

- Use right lane only to access Queen Victoria Street, local businesses and residential properties.
- Two dedicated lanes through to Stirling Highway.



Stirling Highway and Queen Victoria Street

- Use right lane only to access Queen Victoria Street and Tydeman Road.



Stirling Highway, Tydeman Road and John Street

- Right turn from Stirling Highway southbound onto Tydeman Road is removed to keep traffic moving on Stirling Highway. Alternative access through Queen Victoria Street.
- Dedicated right turn (green arrow) from Stirling Highway northbound onto John Street for improved safety.



Other Network Improvements

Upgrades to intersections outside the areas shown above will be undertaken as required, including dedicated right turn green arrows at Carrington Street/ Marmion Street. In addition, other minor changes are being considered in consultation with key stakeholders.

Throughout the closure, the network will be closely monitored in real time by the Main Roads' Road Network Operations Centre. To achieve this, key improvements include:

- Undertaking traffic signal modifications to prioritise key movements, particularly north and south on Stirling Highway.
- Installing Intelligent Transport Systems (ITS) to provide visibility and early detection, including additional CCTV (cameras) and Bluetooth devices at over 14 intersections.

How you can help

During the lead up to the closure, we strongly encourage road users to examine how and when they travel through the area. This includes consideration of the mode of travel, route choice, timings of travel, flexible work arrangements and carpooling. Check out the project [website](#) to see how you can help keep traffic moving across the network.

Further information

Click [here](#) to learn more about the Project, or scan the QR code.

To sign up for Project Updates, click [here](#).

For enquiries, please phone 138 138 or email enquiries@mainroads.wa.gov.au.

