

Murdoch Drive Connection

To Roe Highway and Kwinana Freeway

Fact Sheet – Farrington Road / Murdoch Drive / Allendale Entrance roundabout

Changes will soon be in place at the Farrington Road / Murdoch Drive / Allendale Entrance roundabout including traffic metering and a diversion.

The roundabout forms part of the Murdoch Drive Connection project, which will extend Murdoch Drive south from Farrington Road to connect with Roe Highway and Kwinana Freeway.

What is a metered roundabout?

Metered roundabouts are used where high volumes of traffic on one or more legs of a roundabout are likely to prevent traffic from other legs entering the roundabout at different times, resulting in traffic congestion and long queues.

Through use of smart technology, when long queues are detected on specific legs, traffic signals would control the flow of traffic on the dominant opposing movement(s) to create gaps in the circulating traffic for affected legs, in order to minimise delays at the roundabout. A metered system has been operating for several years at the Point Lewis roundabout on Mounts Bay Road in the City of Perth.

How the Farrington Road / Murdoch Drive / Allendale Entrance metered roundabout will work

Traffic signals will be installed on the Farrington Road eastbound approach to balance queues and delays and to allow the roundabout to function efficiently in peak hour situations, or when emergency vehicles need priority access.

The signals will only be activated in busy periods when an imbalance of traffic flows happens, resulting in long traffic queues on the Bibra Drive southbound approach.

At all other times when there are no excessive delays on the roundabout approaches, the intersection will operate as a normal roundabout. The signals will consist of red and yellow displays.

- Red means stop.
- Yellow means prepare to stop.

It is important to note that motorists are required to give way to circulating traffic as they do on a normal roundabout at all times once they arrive at the roundabout (after passing the signals).

See overleaf a sketch of the roundabout.

Access change to Murdoch Drive northbound

Traffic will no longer be able to use the Murdoch Drive / Farrington Road / Allendale Entrance roundabout to access Murdoch Drive northbound. Access to Murdoch Drive northbound and the Murdoch Activity Centre will be via Bibra Drive and the new Murdoch Drive Connection. See overleaf a map showing the changes.

When will the changes occur?

The Murdoch Drive northbound leg of the roundabout will be closed from **Monday 6 April 2020**, at which time the new connection via Bibra Drive will open. This access change will be Stage 1 of a two stage process. A short time later, Stage 2 will open the remainder connections of Murdoch Drive between Kwinana Freeway and Roe Highway.

Before the roundabout signals are activated, there will be some pre-commissioning testing taking place. Communications will be issued to remind users of the opening date via the project website and emailing list.

A similar system will be installed at the Bibra Drive roundabout. Refer to the Fact Sheet on the project webpage.

Contact us

More project information is also available at <https://project.mainroads.wa.gov.au/home>. If you have any questions or concerns, please phone 138 138 or email enquiries@mrialliance.com.au

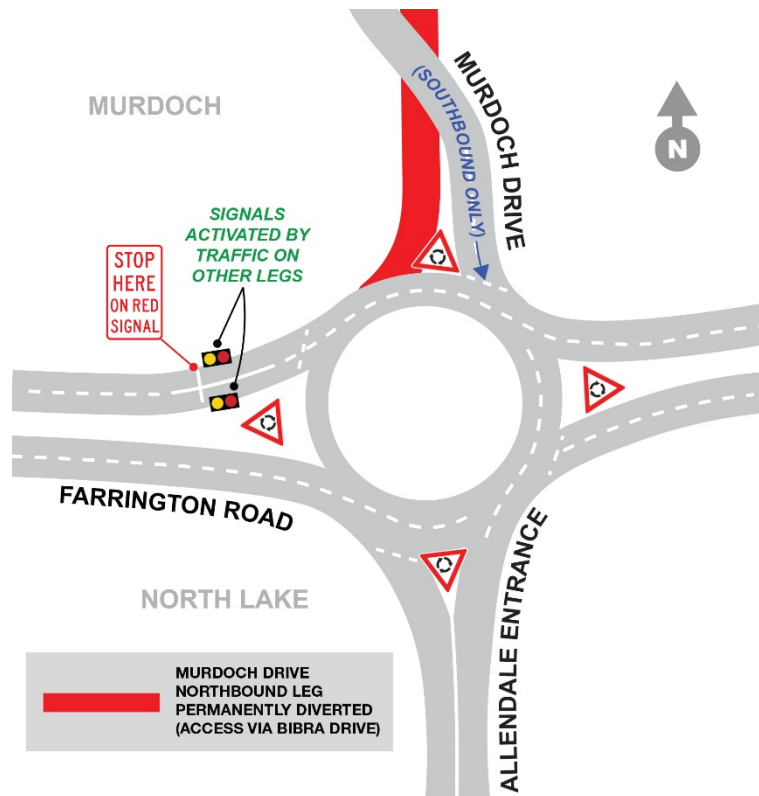


Australian Government



BUILDING OUR FUTURE

Farrington Road / Murdoch Drive / Allendale Entrance metered roundabout design sketch:



Access change to Murdoch Drive northbound:



*Maps are indicative only



Australian Government

Murdoch Drive



BUILDING OUR FUTURE

Murdoch Drive Connection

To Roe Highway and Kwinana Freeway

Fact Sheet – Bibra Drive roundabout

Changes will soon be in place at the Bibra Drive Roundabout, between Farrington Road and Hope Road, to provide road users with better access to the realigned Murdoch Drive in a northbound direction.

The roundabout forms part of the Murdoch Drive Connection project, which will extend Murdoch Drive south from Farrington Road to connect with Roe Highway and Kwinana Freeway.

Traffic signals will soon be installed at the new roundabout, which will operate as a “metered roundabout” to minimise delays and provide better access for all motorists.

What is a metered roundabout?

Metered roundabouts are used where high volumes of traffic on one or more legs of a roundabout are likely to prevent traffic from other legs entering the roundabout at different times, resulting in traffic congestion and long queues.

Through use of smart technology, when long queues are detected on specific legs, traffic signals would control the flow of traffic on the dominant opposing movement(s) to create gaps in the circulating traffic for affected legs, in order to minimise delays at the roundabout.

A metered system has been operating for several years at the Point Lewis roundabout on Mounts Bay Road in the City of Perth.

How will the Bibra Drive metered roundabout work?

Traffic signals will be installed on the Bibra Drive northbound approach, to balance queues and delays and to allow the roundabout to function efficiently in peak hour situations, or when emergency vehicles need priority access.

The signals will only be activated in busy periods when an imbalance of traffic flows happens, resulting in long traffic queues on the Bibra Drive southbound approach. At all other times when there are no excessive delays on the roundabout approaches, the intersection will operate as a normal roundabout.

The signals are placed in advance of the roundabout and will consist of red and yellow displays only:

- Red means stop.
- Yellow means prepare to stop.

It is important to note that motorists are required to give way to circulating traffic as they do on a normal roundabout at all times once they arrive at the roundabout (after passing the signals).
See overleaf a sketch of the roundabout.

Access change to Murdoch Drive northbound

Access to Murdoch Drive northbound and the Murdoch Activity Centre will be via the new Bibra Drive Link Road and the new Murdoch Drive Connection. *See overleaf a map showing the changes.*

When will the changes occur?

The roundabout signals will be activated from **Monday 6 April 2020**, at which time the new connection to Murdoch Drive northbound via Bibra Drive will open. This will be Stage 1 of a two stage process. A short time later, Stage 2 will open the remainder connections of Murdoch Drive between Kwinana Freeway and Roe Highway.

Before the signals are activated there will be some pre-commissioning testing taking place. Communications will be issued to remind users of the opening date via the project website and emailing list. A similar system will be installed at the Farrington Road / Murdoch Drive / Allendale Entrance roundabout. Refer to the Fact Sheet on the project webpage.

Contact us

More project information is also available at <https://project.mainroads.wa.gov.au/home>. If you have any questions or concerns, please phone 138 138 or email enquiries@mrialliance.com.au

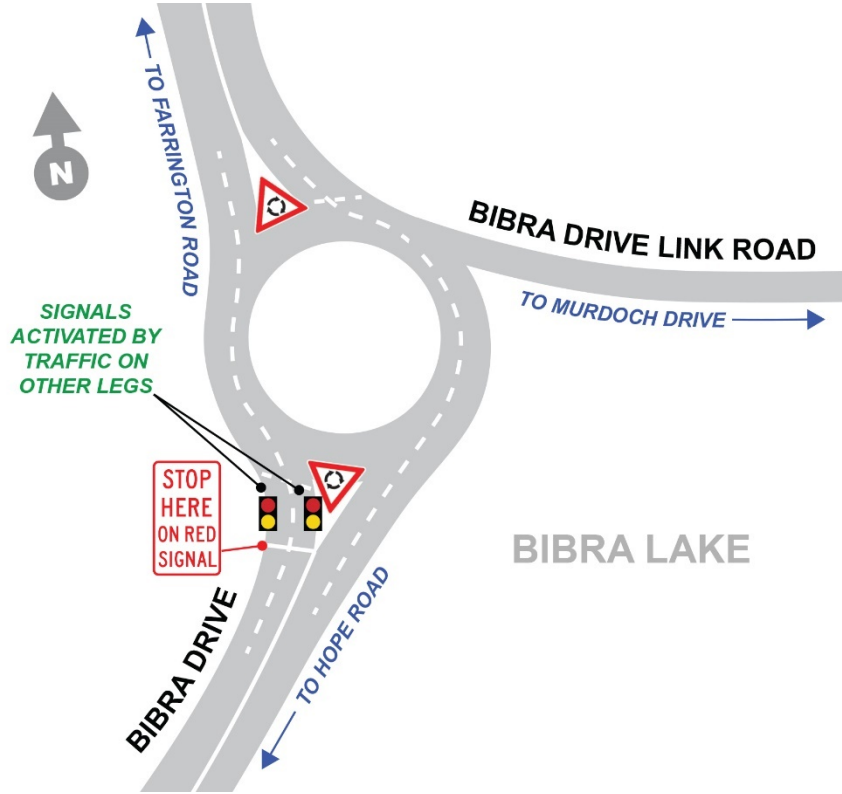


Australian Government

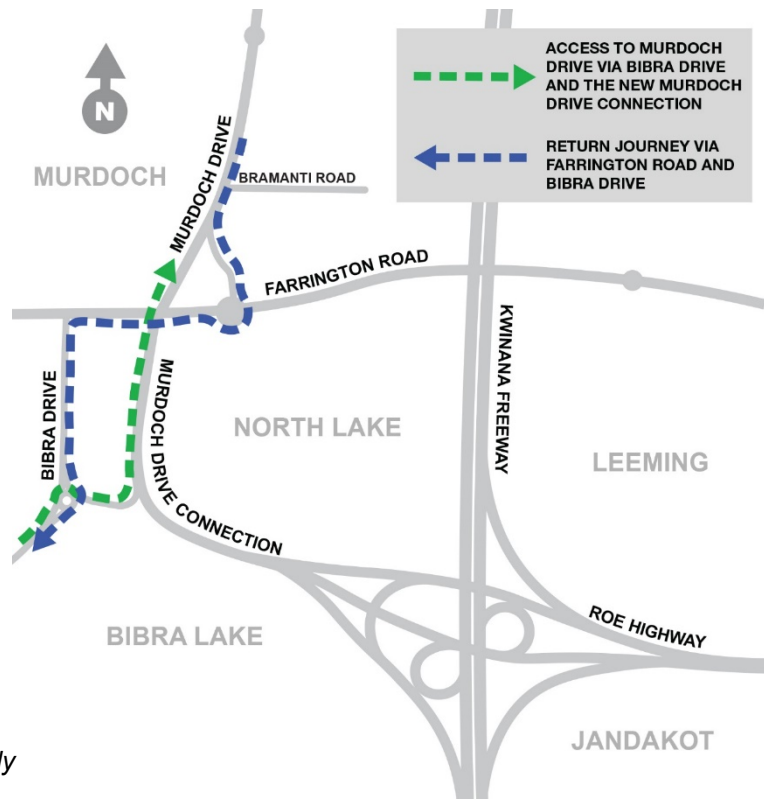


BUILDING OUR FUTURE

Bibra Drive metered roundabout design sketch:



Access change to Murdoch Drive northbound:



**Maps are indicative only*



Australian Government



BUILDING OUR FUTURE