



Smart Freeway Mitchell Southbound: Reid Highway to Vincent Street



Indicative concept only – subject to change

Smart Freeway update – works commencing from Reid Highway to Vincent Street

About the project

The *Smart Freeway Mitchell Southbound* suite of works totalling over \$200 million, are jointly funded by the Australian and Western Australian Governments, spanning more than 30 km of freeway from Hester Avenue to Vincent Street.

The works are being delivered in two sections. The northern portion, from Hester Avenue to Warwick Road, has been under construction for approximately 12 months.

A contract for the design and construction of the remaining section from Reid Highway to Vincent Street, was recently awarded to Intelligent Freeways Alliance, comprising companies NRW, Service Stream and WSP.

Works are anticipated to start in mid 2022, with completion expected by late 2023.

What will it look like?

The Smart Freeway upgrades include coordinated ramp signals at 16 southbound on-ramps from Hester Avenue to Vincent Street, to enable easier and safer merging during peak periods.

These signals work like traffic lights, rotating quickly between green, yellow and red at peak times of the day when they automatically switch on, to allow one car per lane to join the freeway on every green light.

Modifications will be made to each of the southbound Mitchell Freeway entry ramps, to allow additional capacity for vehicle storage at coordinated ramp signals.

By managing the flow of vehicles onto the freeway, the coordinated ramp signals control the traffic flow and prevent stop-start conditions building at merge points, helping traffic move efficiently.

Between Reid Highway and Vincent Street, overhead electronic signage will be installed along the Mitchell Freeway, which will display speed limits and enable lanes to be closed when needed.

This will be in addition to 'stopped vehicle detection technology', automatic incident detection and additional CCTV to improve the operation of the Smart Freeway.

Smart technology allows traffic to be managed in real-time onto, through and out of the freeway.

This is the most efficient solution to manage congestion, increase traffic flows, improve safety and reduce journey times.

What to expect during construction?

While construction impacts to the local community will be minimised as much as possible, some disruption will be experienced.

Our focus is on keeping local residents, businesses and road users informed about upcoming construction activities and inviting you to share your feedback.

Construction impacts will not be consistent from Reid Highway to Vincent Street. Instead, they will be concentrated at key locations along the freeway, on ramps and arterial roads, where signals and electronic signage are to be installed, and where on ramps will be widened. We will share these locations soon.

Much of our work will take place below ground level, involving trenching and running cabling to connect the new ramp signals and various electronic signage into a coordinated system.

To do this safely we will be required to implement lane closures, path detours and speed reductions.

Managing construction impacts

We will keep residents and businesses informed about upcoming construction activities, and all works will be undertaken in accordance with the project's approved management plans:

- Construction Environmental Management Plan
- Noise and Vibration Management Plan
- Traffic Management Plan
- Community Engagement Management Plan

Standard construction hours are from 7am-7pm, Monday to Saturday.

Some after-hours works are required, to avoid disruption to road or rail operations, or for the safety of the workforce and public. All after-hours works require approval from the relevant local government authority, and residents and businesses will be notified prior to works starting.

Before starting major construction on the Mitchell Freeway southbound, an independent building inspection company will be used to offer a pre-construction property survey to homes or business owners identified within close proximity of significant construction activity. Letters will be sent to these properties.

If an owner believes damage has occurred to their property as a direct result of construction, they should contact us immediately on the contact number or email address below.

Further Information

If you would like further information, have any questions or concerns, you can:

- Phone: 138 138
- Email: enquiries@mainroads.wa.gov.au

You can also subscribe to receive email updates by registering on the project's webpage:

www.mainroads.wa.gov.au/smart-freeways