

SMART FREEWAY – KWINANA NORTHBOUND PROJECT UPDATE

THE SMART FREEWAY IS TAKING SHAPE

Construction activity for the *Smart Freeway – Kwinana Northbound* project between Farrington Road and the Narrows Bridge continues to ramp up.

Between Canning Highway and the Narrows Bridge, drainage and emergency stopping bays are almost complete alongside the northbound freeway lanes. Foundations have also been constructed for the overhead gantries and Variable Message Signs (VMS) that will provide real-time information to road users when the *Smart Freeway* begins operating in 2020.

From October 2019, we will be installing foundations for barriers, VMS, gantries and ramp signals on arterial roads leading to the freeway and the northbound on-ramps. We will also be constructing foundations for signage alongside the freeway between Farrington Road and Canning Highway. Road users should expect intermittent lane closures and speed reductions in these areas of work.

Resurfacing is planned to begin in late 2019. This will start on the on-ramps and be followed by the freeway resurfacing. Once finished, this will allow system testing of the various technologies to get underway in 2020.



Smart Freeway's new Lane Use Management System will open and close lanes during a traffic incident and provide real-time information to road users

**A map showing the key locations of Smart Freeway infrastructure is provided overleaf.*

Smart Freeways make sense

Smart Freeways operate successfully around the world to manage congestion, improve safety and make the most of existing infrastructure.

Smart Freeway – Kwinana Northbound is creating an additional lane from Canning Highway to the Narrows Bridge, by transforming the emergency stopping lane into a traffic lane. Regular stopping bays will be provided for emergencies or breakdowns.

Between Farrington Road and the Narrows Bridge, smart technology will be installed to open and close lanes and adjust speed limits in the event of an incident, and provide real-time traffic information. There will also be co-ordinated traffic signals at on-ramps, to balance the flow of traffic onto the freeway and improve merging.

The *Smart Freeway – Kwinana Northbound* project is the first of its kind in Western Australia. To be fully operational by mid-2020, it will increase road capacity, reduce stop-start conditions and significantly improve the reliability of journey times on Kwinana Freeway.

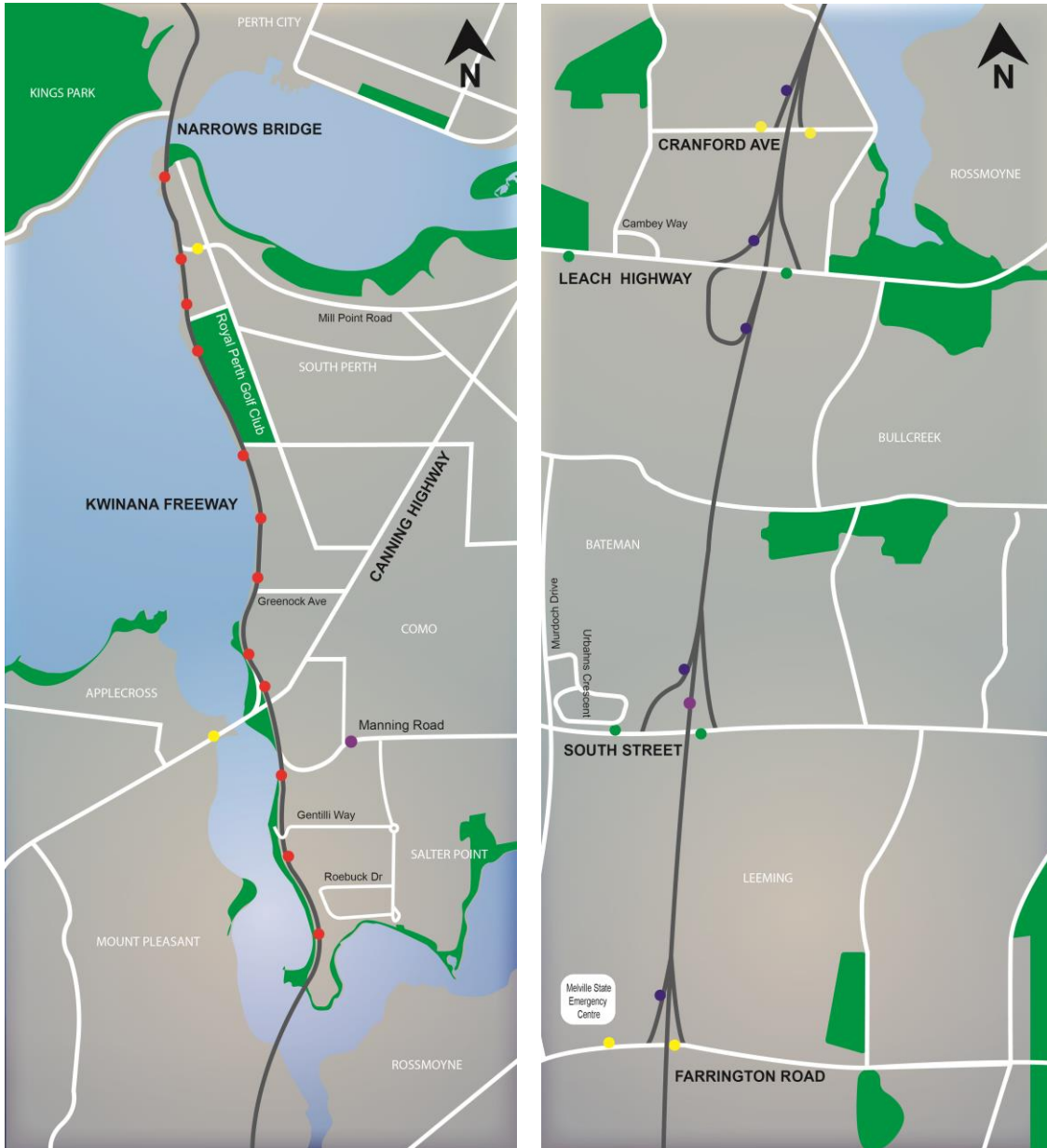


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SMART FREEWAY – KWINANA NORTHBOUND KEY INFRASTRUCTURE LOCATIONS



LEGEND

Ramp Signals

● H: 3.2m
W: 4.1m

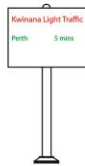


Variable Message Sign

● Small
H: 3.5m
W: 1.65m

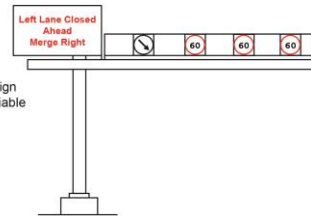
● Medium
H: 5.35m
W: 4.5m

● Large
H: 6m
W: 5m



Cantilever Gantry

● with Lane Use Sign and optional Variable Message Sign
H: 6.3m
W: 22m



* images for illustrative purposes only. Sizes are approximate

More information

Tel: 138 138

Email: enquiries@mainroads.wa.gov.au

Web: www.mainroads.wa.gov.au



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