



Media Release

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Proposed ‘duck and dive’ not that different to current dual-lane roundabouts in Perth

The City of Cockburn has moved to dispel confusion about design concepts proposed by Main Roads WA (MRWA) for two roundabouts along Armadale Road in Jandakot, as part of the Armadale Road Deviation and Freeway Interchange project.

An elevated roundabout known as a ‘duck and dive’ intersection treatment is proposed at Solomon Road and Tapper Road/Verde Drive along Armadale Road.

City of Cockburn Director, Engineering and Works, Charles Sullivan said the proposed elevated roundabouts would be a first for WA, but in design and use, wouldn’t be that different in operation to other dual-lane roundabouts elsewhere.

“The advantage with this design is that the major flows of traffic are passing through the intersection under the level of the roundabout, while the elevated roundabouts allow for the turning movements of the intersection,” Mr Sullivan said.

“The MRWA’s description of a spiral movement is probably what is causing some confusion. This term relates to the line-marking layout.

“The dual-lane roundabouts will be negotiated by drivers as they normally do when traversing a roundabout – that is, if a vehicle is driving along the inside lane and wishes to exit but is blocked by vehicles in the outside lane then the driver may have to wait and go around the circle to then exit safely.

“When there are gaps in the traffic flow, drivers will change lanes inside the roundabout to exit as normal.

“The main thing to remember is to exercise caution when traversing a dual-lane roundabout, the same as with any other such roundabout in Perth.”

He said the MRWA project was still at concept stage, and as part of normal consultation, the City had been asked to provide feedback on the route definition study, which was the reason for the report in 8 June Ordinary Council Meeting agenda.



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“Like any double or triple lane roundabout, it will need further careful design. All line-marking and signage controls will be finalised during the design stage,” Mr Sullivan said.

“The design is yet to be taken to a detailed level and whatever the final design, MRWA will be responsible for providing clear line-markings and signage so drivers know exactly how to use it.

“The City and the community are excited to see this new infrastructure package, and what it will do to make Cockburn Central one of the most regionally significant areas within the Perth Metropolitan Area.”

ENDS

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