

Pacific Motorway (M1) Varsity Lakes to Tugun (VL2T) upgrade

Diverging Diamond Interchange at Burleigh (Exit 87)

Burleigh Interchange (Exit 87) is being transformed into an innovative Diverging Diamond Interchange (DDI) design that responds to increasing demands and provides a new and improved way of managing traffic.

For a visual demonstration, the community is encouraged to view the new DDI drive-through video at www.tmr.qld.gov.au/projects (search for 'Package A Varsity Lakes to Burleigh') or scan the QR code overleaf with your smartphone device.

About the DDI

A DDI is typically used at intersections located over or under motorway bridges. The DDI will replace the current roundabout at Exit 87 in Burleigh and will be the first of its kind on the Gold Coast.

The DDI configuration involves through-traffic briefly crossing over to the right-hand (opposite) side of the interchange, safely guided by traffic signals, signage, and road markings at each crossover, before moving back to the left side and exiting the interchange. The DDI is a balanced solution that improves safety and keeps people moving.

DDIs have been implemented successfully both in Australia and internationally. Queensland is leading the way with the Exit 87 interchange being the second DDI constructed for the state. One has already been built on the Bruce Highway at Caloundra and another is planned for Gympie Arterial Road at Bald Hills.

Benefits of the DDI

- Moving large traffic volumes quickly and safely
- Dedicated turn lanes to motorway on-ramps
- Reduced number of conflict points
- Improved active transport facilities including an on-road bike lane and a separated shared user path
- Smart motorway technologies including ramp signals, variable speed limit signs and CCTV.



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Moving through the DDI

Southport-Burleigh Road (Bermuda Street)

Motorists on Southport-Burleigh Road (Bermuda Street) wanting to access the M1 northbound, will enter the DDI on a green traffic signal and cross to the right-hand side of the interchange, then continue right onto the northbound entry ramp without stopping and without conflicting with through-traffic.

Motorists on Southport-Burleigh Road wanting to access the M1 southbound will have a dedicated lane to the on-ramp that eliminates the need to enter the new intersection.

Oyster Creek Drive

Motorists on Oyster Creek Drive wanting to access the M1 northbound will have a dedicated lane to the on-ramp that eliminates the need to enter the new intersection.

Motorists on Oyster Creek Drive wanting to access the M1 southbound, will enter the DDI and cross to the right-hand side of the interchange, then continue right onto the southbound entry ramp controlled by traffic signals.

Through-traffic across the DDI

Through-traffic continues on the right-hand side through the interchange and switches back to the left side after exiting the interchange, all guided by signage and road marking. Through-traffic and turning traffic movements in the same direction will travel at the same time, eliminating additional traffic signal phases and signalised stoppages.

(See images and diagrams overleaf)



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Keep up to date

The community is encouraged to view the new DDI drive-through video by visiting the project webpage at www.tmr.qld.gov.au/projects (search for 'Package A Varsity Lakes to Burleigh'), or for direct access, scan the QR code below with your smartphone device.

If you have any questions or concerns about the DDI configuration and functionality, please contact the Department of Transport and Main Roads on the details below:

Email: VL2T@tmr.qld.gov.au
Free call: (07) 5563 6600 (during business hours, 9am–5pm, Monday to Friday)
Post: Department of Transport and Main Roads
 PO Box 442
 Nerang QLD 4211

For more general project information about the full 10-kilometre VL2T upgrade, visit the TMR website: www.tmr.qld.gov.au/projects and search for 'Pacific Motorway M1 Varsity Lakes to Tugun'.

For assisted calls, please contact:

Interpreter service: 13 14 50
TTY/voice calls: 13 36 77
Speak & Listen: 1300 555 727*
SMS relay: 0423 677 767
Email: helpdesk@relayservice.com.au



*Check with your service provider for call costs. Higher rates apply for mobile phones and payphones.



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How will the DDI work?

