

Bruce Highway Upgrade

Caloundra Road to Sunshine Motorway

Southern work zone

Bridge girder installation for Diverging Diamond Interchange

Construction notice

March 2019

Ref: CN45

Bridge construction is progressing well on two new bridges at the Caloundra Road interchange as part of the Bruce Highway Upgrade – Caloundra Road to Sunshine Motorway.

From Sunday March 2019, between 8pm and 5am, bridge girders will be installed at the site of the new Diverging Diamond Interchange at Caloundra Road. This work will continue for approximately four weeks, weather permitting. A total of 49 girders will be lifted into place during this stage of bridge construction. Each bridge girder is approximately 28m long, weighs up to 65 tonnes and will be installed by a 400 tonne crawler crane.

To facilitate these works, changed traffic conditions will be in place on the northbound and southbound carriageways of the Bruce Highway including lane closures and detours. Traffic control will be in place from 8pm each night, with road closures and detours to be in effect between 10pm and 5am.

Working hours

Night works will be required to complete these activities.

The project's working hours are:

- **Night works:** Sunday to Thursday, 7pm to 5am.
- **Day works:** Monday to Saturday, 6am to 6pm.

It is important to note that these activities are dependent on weather conditions.



Artist's impression of the DDI bridges looking north

Northbound traffic changes

From Sunday 31 March 2019, a detour will be in effect for northbound Bruce Highway traffic for up to three nights.

Northbound motorists will be directed onto the newly constructed Bruce Highway off ramp to Steve Irwin Way (Exit 188) where they can access Steve Irwin Way westbound, Caloundra Road eastbound and the Bruce Highway northbound. Please refer to the map overleaf.

Southbound traffic changes

On all other nights, intermittent lane closures and/or detours will be in place for southbound Bruce Highway and westbound Steve Irwin Way traffic.

Southbound motorists will be detoured via Caloundra Road (Exit 188A) to the Racecourse Road interchange to access the Bruce Highway southbound and Steve Irwin Way. Please refer to map overleaf.

Motorists are advised to follow the directional signage and allow extra travel time. Police and traffic controllers will be in attendance to assist motorists if required.

We thank the local community for your patience and cooperation during these works.

Diverging Diamond Interchange takes shape

Bridge girder installation is a crucial step in transforming the Caloundra Road interchange into a Diverging Diamond Interchange (DDI), the first to be built in Australia.

DDIs have been used with great success overseas, mainly in the United States, with almost 100 now operational worldwide.

In Australia, the DDI is an emerging interchange design that responds to increasing demands for different ways of managing traffic. It also uses a smaller footprint than traditional interchange designs.

Motorists will seamlessly cross from the left to the right side of the road, with traffic movements controlled by synchronised signals at each end of the interchange.

To view the visualisation of the DDI, visit www.tmr.qld.gov.au and search for 'Caloundra Road interchange'.

Changed traffic conditions during DDI bridge girder installation



Free SMS and email alerts

Subscribe to the free SMS and email service to receive regular updates about traffic changes, including planned detours, and other project activities. To register, visit the project website: www.tmr.qld.gov.au (search for 'Caloundra Road interchange').

Contact us

Free call: 1800 749 022*

Email: brucehwycr2sm@tmr.qld.gov.au

Visit: www.tmr.qld.gov.au (search for 'Caloundra Road interchange')

*Charges may apply for calls from mobile phones and pay phones. Check with your service provider for call costs.