

# New metering signals at Caloundra roundabout

## Caloundra Road, Nicklin Way, Pelican Waters Boulevard intersection

Factsheet  
September 2018

**The Department of Transport and Main Roads (TMR) will undertake a \$1 million project to install roundabout metering signals at the Caloundra Road, Nicklin Way and Pelican Waters Boulevard intersection.**

Roundabout metering signals will be installed at all four entries to the intersection to balance delays, improve travel time reliability, reduce excessive queuing and enhance safety during peak traffic periods. The metering signals will also improve access for emergency vehicles and assist to clear queues during incidents.

Unlike normal traffic lights, the roundabout metering signals will only operate when traffic builds up – at all other times normal roundabout rules will apply.

TMR anticipates the metering signals to operate throughout the week, including weekends. However, one of the main aims of the initiative is to help traffic exit the Caloundra CBD between the Monday and Friday afternoon peak.

Specialised detectors will be installed to manage queue lengths on each entry to the roundabout. The metering signals will be activated when congestion occurs. This will allow traffic to freely enter the roundabout from the busiest approach and reduce queuing.

At all other times, the roundabout metering signals will not operate and will remain unlit. Motorists can then enter the roundabout using normal roundabout rules.

More details on how the metering signals will operate are shown on the diagram overleaf.

Some vegetation clearing is also required in the roundabout centre to improve visibility and safety for road users. TMR will keep clearing works to a minimum to mitigate environmental impacts.

### Construction:

Construction is scheduled to begin in October 2018, weather permitting.

Due to the nature of the works and proximity to live traffic, works will need to be completed at night. Reduced speed limits, construction signage and traffic control measures will also be in place during the work.

Motorists may experience minor delays during these works and are encouraged to drive to the changed traffic conditions, obeying signage, reduced speed limits and traffic controller directions.

Construction is anticipated to take approximately three months, weather permitting.

### Settling-in period

Closed Circuit Television (CCTV) cameras will be installed at each entry to the roundabout so TMR can monitor the metering signals. During the first few months of operation, some adjustments may need to be made. This may include changes to signal timing and coordination to ensure the system is working effectively.

Your patience is appreciated during the initial settling-in period.

### Resurfacing works

Once the metering signals are operational, resurfacing works will be carried out at night along the northbound lanes of Nicklin Way between the roundabout and Beerburrum Street.

Asphalt resurfacing will also be undertaken at the Caloundra roundabout and Nicklin Way/Beerburrum Street intersection.

## Planning for the future




The roundabout metering signals are an interim measure to improve traffic flow at this busy intersection. Funding of \$500,000 has also been allocated to undertake transport planning to progress further staged improvements in this area. Funding to progress this planning through to design and construction is currently not available.

Funding for transport infrastructure is allocated through the *Queensland Transport and Roads Investment Program* in accordance with state-wide priorities. As with all projects, any upgrade to this intersection will compete for funding against other priority infrastructure projects across the state-controlled network.

# Caloundra roundabout metering signals

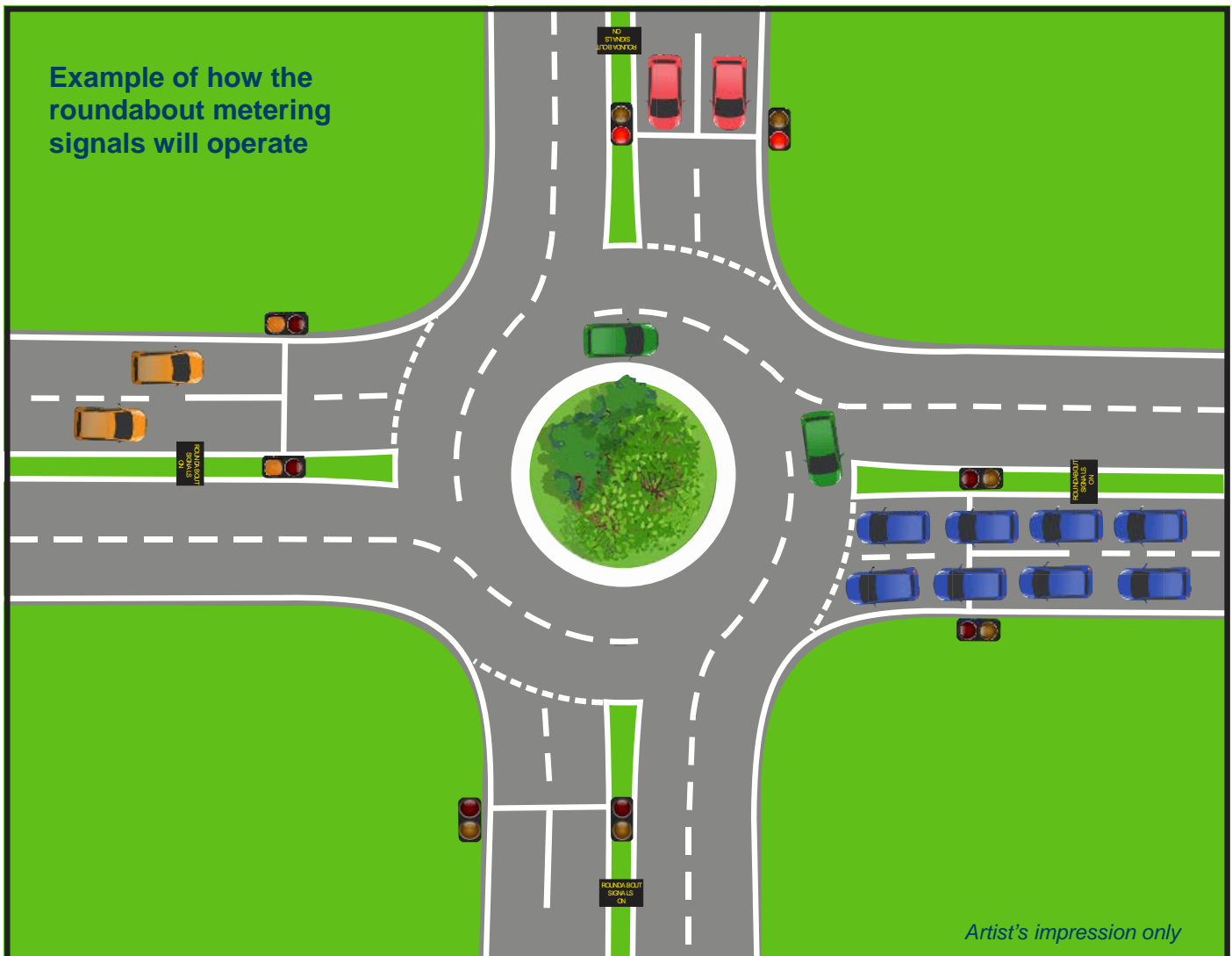
## How they work

Motorists will notice a pair of metering signals at each entrance to the roundabout. These metering signals will have red and yellow phases – there will be no green phase. The metering signals will allow opportunity for the busiest approach to enter the roundabout. This will balance traffic delays and reduce excessive queuing.

-  **Yellow signal** = motorists (**orange vehicles**) are required to stop, unless it is unsafe to do
-  **Red signal** = motorists (**red vehicles**) are required to stop and wait for the signals to turn off.
-  **No signal** = motorists (**blue vehicles**) are not required to stop and may enter the roundabout. However, normal road rules apply and motorists are required to give way to all vehicles (**green vehicles**) already on the roundabout.

### ROUNDBOUT SIGNALS ON

Electronic signs will alert motorists that the roundabout metering signals are in operation, even if only one set of signals is on.



## Contact us

For more information about these works:

**Phone:** 5451 7055

**Email:** [northcoast@tmr.qld.gov.au](mailto:northcoast@tmr.qld.gov.au)

**Visit:** [www.tmr.qld.gov.au](http://www.tmr.qld.gov.au) (search for 'Caloundra roundabout')