Tewantin Bypass, Beckmans Road, planning

Eumundi-Noosa Road roundabout metering signals

Project overview

Collaborative planning by the Department Transport and Main Roads (TMR) and Noosa Shire Council (NSC) confirmed staged duplication of Beckmans Road is the recommended approach for the Tewantin Bypass.

- Stage 1, completed in 2022, upgraded the Cooroy-Noosa Road intersection roundabout.
- Stage 2 will duplicate Beckmans Road from Swanbourne Way to an improved Eumundi-Noosa Road roundabout.
- Corridor planning is underway to determine the scope and sequence of future, staged upgrades to be delivered when funding is allocated.

Stage 2 scope of works

Traffic modelling shows Stage 2 is expected to improve traffic flow approaching Eumundi-Noosa Road by increasing capacity for this busy section of Beckmans Road, travelled by over 20,000 vehicles per day.

The project involves the following components:

- Two new westbound traffic lanes will be built between Swanbourne Way and Eumundi-Noosa Road.
- The existing Beckmans Road will be converted to eastbound traffic lanes.
- Line marking on the existing Eumundi-Noosa Road roundabout will be modified to provide two full circulating traffic lanes
- Metering signals on the roundabout approaches will manage traffic flow during busy periods or traffic incidents.
- The intersection will continue to operate as a standard roundabout at all other times.

Roundabout metering signal operation

Roundabout metering signals have two signals – red and amber. They are used to hold traffic on a dominant approach, creating gaps in the circulating traffic so vehicles from other approaches can enter more easily. This helps to balance traffic flow. They can also be used to manage traffic incidents such as crashes or breakdowns.



Red signal = stop. You must stop and wait until the signal changes, unless it is unsafe to do so. The red signal helps create a gap in traffic to manage traffic flow.



Amber signal = prepare to stop. Indicates the red signal is about to be displayed. If it is safe to do so, stop. If you are too close to stop safely, continue through.

No signal (dark/off) = normal roundabout operation. When the signal is not operating, drivers follow the usual roundabout rules and give way to vehicles on the right or already on the roundabout.

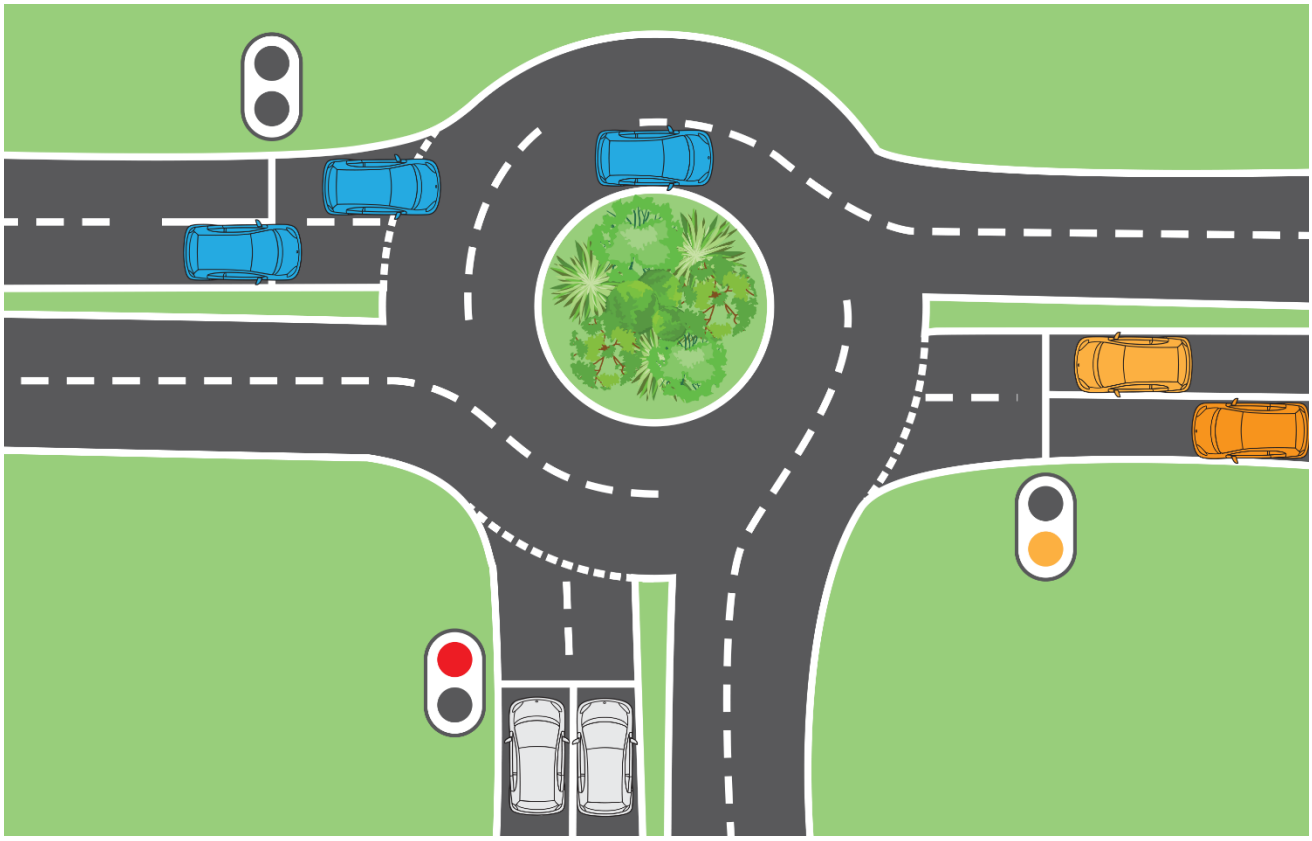


Image: Illustrative diagram demonstrating the operation of roundabout metering signals.

Roundabout metering signals are installed at the Caloundra Road, Nicklin way and Pelican Waters Boulevard intersection.

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