

Intersection upgrade planning

Caloundra Road, Kawana Way Link Road and Bells Creek Arterial Road intersection

January 2023

The Department of Transport and Main Roads (TMR) is planning to upgrade one of the Sunshine Coast's busiest intersections at Caloundra Road, Kawana Way Link Road and Bells Creek Arterial Road. These upgrades will help reduce traffic congestion, improve safety and provide faster travel times.

This project is part of the \$5 million Southern Sunshine Coast Roads Improvement Study, funded by the Australian Government.

The Sunshine Coast is one of the fastest growing regions in Australia with the population expected to increase from 357,000 (2016) to 558,000 by 2041¹. The southern Sunshine Coast area is planned to accommodate a significant portion of this population growth which means an increasing demand on road networks across the region.

A two-stage approach to planning

Planning has identified a grade-separated upgrade solution to manage future traffic demands in the longer term and an interim traffic signal upgrade, to reduce congestion and improve travel times and safety in the shorter term.

The traffic signal upgrade (shorter term option) is designed to be compatible with, and form a part of, the longer-term grade-separated flyover (overpass) solution. This means if the traffic signals are constructed first, this new infrastructure will make part of the western ramps terminal intersection when Stage 2 is constructed.

During the first phase of consultation in 2021, most people advised that they would like to see the Stage 2 (longer term) solution constructed in the first instance. This feedback will be included in the business case, which helps inform funding decisions. As this project will compete with other projects across the state for funding, it is important TMR includes the Stage 1 solution in the business case to allow for a shorter term improvement to this increasingly busy intersection should funding not yet be available for the Stage 2 solution.



Have your say

TMR received and considered almost 700 responses from the first phase of consultation in 2021.

Community feedback has been used to refine the designs for this upgrade. This is an important part of the business case planning process and it will also be considered during detailed design and construction to ensure the upgrade is suited to all user groups and impacts to stakeholders are minimised.

View the refined designs and provide feedback by 9am on 16 February 2023.



Visit www.tmr.qld.gov.au for further information and to have your say.

Travel options for the future

TMR is planning for both road and public transport projects to get the Sunshine Coast's growing number of residents and visitors where they need to go. Nearby projects, such as the proposed new Kawana Motorway, the Direct Sunshine Coast Rail Line, other road and intersection upgrades in and around Caloundra, and nearby active transport connections have been considered in the planning for this intersection project.

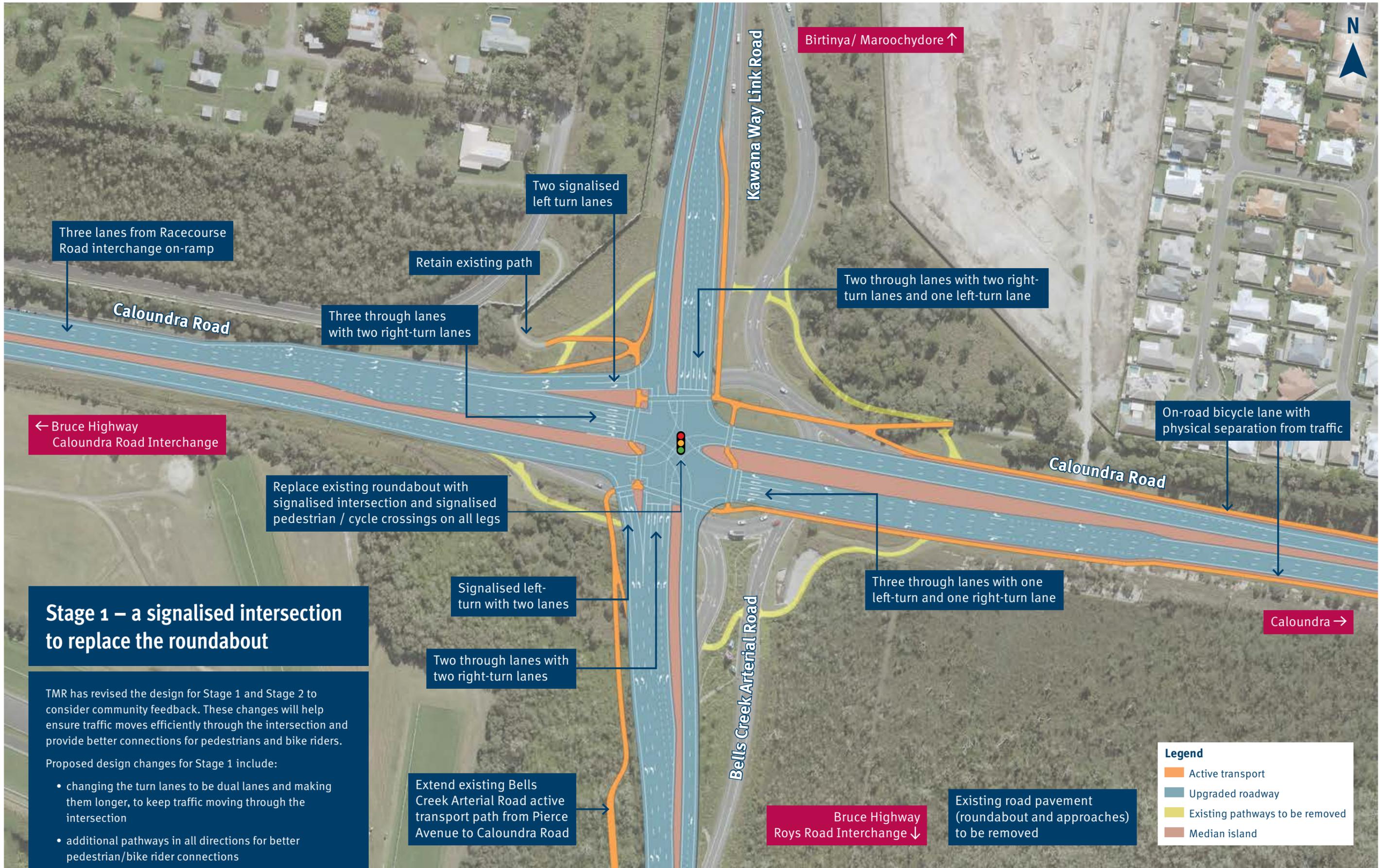
¹South East Queensland Regional Plan 2017.



Australian Government



Queensland Government



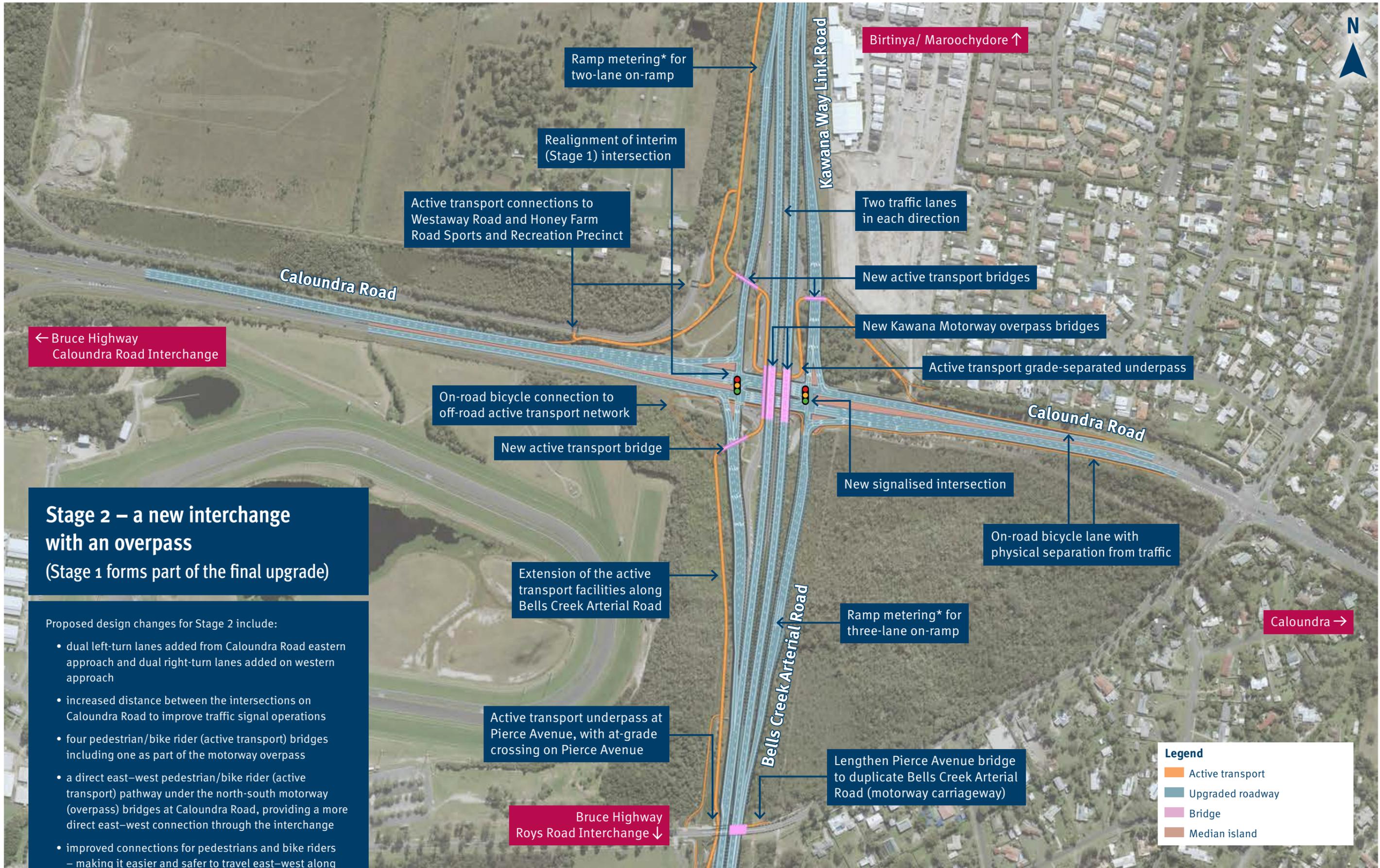
Stage 1 – a signalised intersection to replace the roundabout

TMR has revised the design for Stage 1 and Stage 2 to consider community feedback. These changes will help ensure traffic moves efficiently through the intersection and provide better connections for pedestrians and bike riders.

- Proposed design changes for Stage 1 include:
- changing the turn lanes to be dual lanes and making them longer, to keep traffic moving through the intersection
 - additional pathways in all directions for better pedestrian/bike rider connections
 - additional pedestrian crossings on all legs to better cater for pedestrian/bike rider travel routes
 - phasing (timed crossings) for pedestrians/bike riders on all legs of the intersection.



Have your say
 You are invited to provide feedback on the planning layouts for Stage 1 and Stage 2.
www.tmr.qld.gov.au/ckbintersection



Stage 2 – a new interchange with an overpass (Stage 1 forms part of the final upgrade)

- Proposed design changes for Stage 2 include:
- dual left-turn lanes added from Caloundra Road eastern approach and dual right-turn lanes added on western approach
 - increased distance between the intersections on Caloundra Road to improve traffic signal operations
 - four pedestrian/bike rider (active transport) bridges including one as part of the motorway overpass
 - a direct east–west pedestrian/bike rider (active transport) pathway under the north–south motorway (overpass) bridges at Caloundra Road, providing a more direct east–west connection through the interchange
 - improved connections for pedestrians and bike riders – making it easier and safer to travel east–west along Caloundra Road and north–south along the future motorway
 - ramp metering on entry ramps to the north–south motorway.

*Ramp metering: signals to manage access to congested motorways

| Legend | |
|---------------------------------------|------------------|
| — | Active transport |
| — | Upgraded roadway |
| — | Bridge |
| — | Median island |

A new north–south motorway connection

This staged intersection upgrade project will form part of a new north–south motorway (Sunshine Motorway, through the new Mooloolah River Interchange, onto Kawana Motorway, Kawana Way Link Road and Bells Creek Arterial Road to the Bruce Highway).



Contact details

Phone: (07) 5451 7055 (8.30am – 4.30pm, Monday to Friday)

Email: NCR_Planning_Comms@tmr.qld.gov.au

Address: CKB Intersection Upgrade Business Case
Department of Transport and Main Roads
North Coast Region
PO Box 1600
MAROOCHYDORE QLD 4558

Next steps

Your feedback is valuable and will help finalise the business case for this project. TMR will update the community and stakeholders as the project progresses.

13 QGOV (13 74 68)

www.tmr.qld.gov.au | www.qld.gov.au