

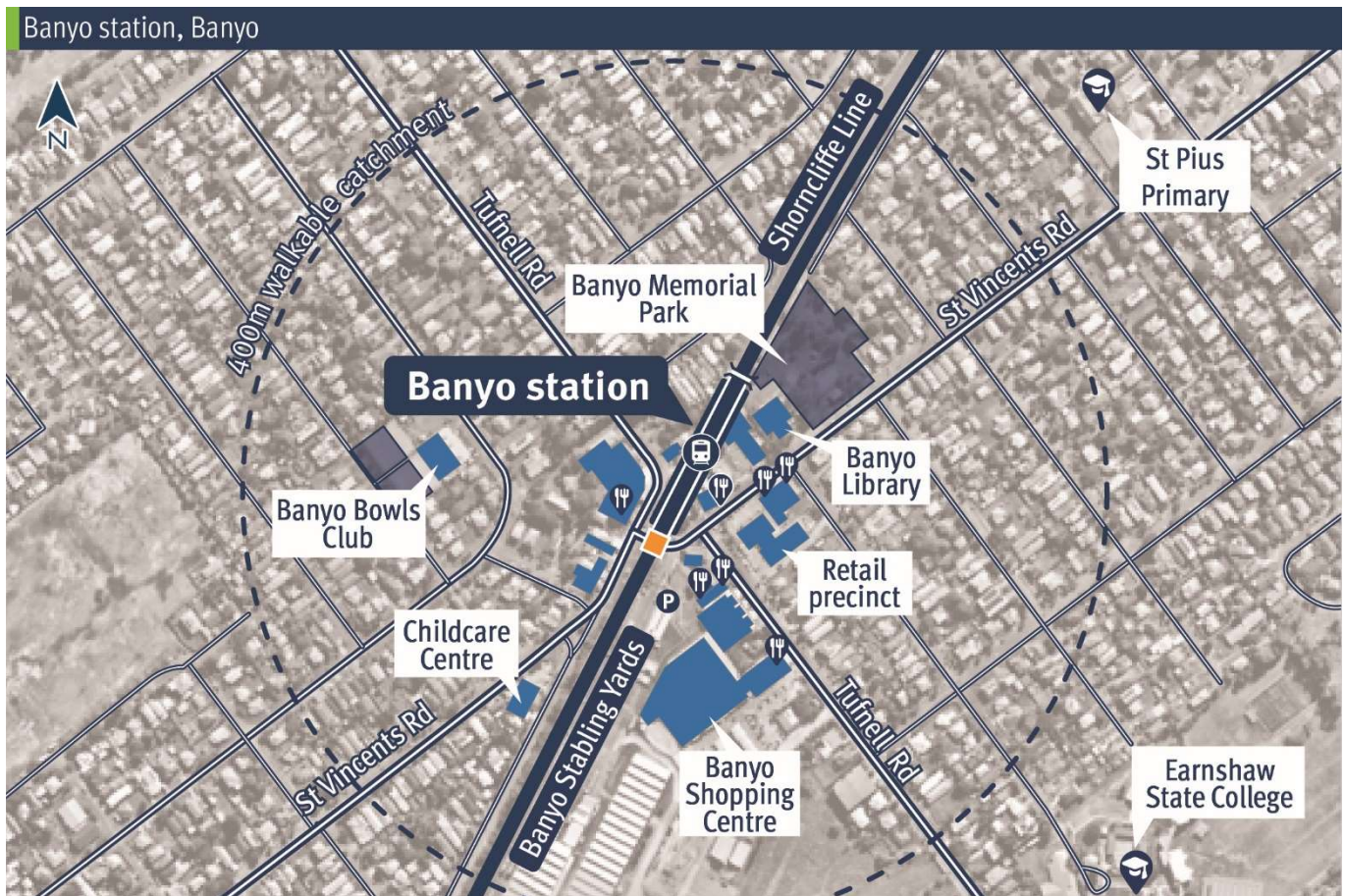
Banyo Level Crossing Precinct Study

February 2024

We have investigated safety and congestion improvements for the Banyo level crossing precinct.

The Department of Transport and Main Roads has undertaken a Banyo Level Crossing Precinct Study funded by the Queensland Government.

The strategic analysis looked at key engineering and planning considerations to help improve safety, congestion and accessibility at the crossing and surrounding area. The study also established a list of short and long-term options for further investigation.



LEGEND

Rail line	Roads	Retail	Level crossing
Station	Park 'n' ride	Education	Pedestrian overpass
		Eatery	

Options considered

The study considered a range of options including an upgrade to the existing level crossing to include traffic lights and other improvements, and three longer term potential options to grade separate road from rail, such as a road or rail overpass.

Assessment of options

All grade separated options, which include the removal of the level crossing, would have considerable property and community impacts including resumptions. Modelling also indicates that these options will attract additional traffic, including heavy vehicles, worsening congestion and reducing precinct amenity.

Grade separated options are not considered suitable in the short term. Long term solutions will be subject to future growth, consultation with the community and will require the support of all three levels of government to fund and deliver.

The study indicated that the level crossing could be made safer for drivers, pedestrians and bike riders, through more modest improvements such as introducing traffic signals, and widening the crossing to include an extra turning lane if needed. This would also help ease congestion, without inducing new traffic.

	Upgrade crossing	Road underpass	Road overpass	Rail overpass
Network congestion	Mixed results	Mixed results	Mixed results	Performs well
Precinct amenity	Performs well	Performs poorly	Performs poorly	Mixed results
Property impacts	Mixed results	Performs poorly	Performs poorly	Performs poorly
Cost	Performs well	Performs poorly	Performs poorly	Performs poorly

Preferred approach

The study found that widening the existing crossing to allow an additional westbound traffic lane, installing traffic signals on all approaches, combined with upgrades to pedestrian and cycling infrastructure is the most viable short-term solution. The preferred option delivers better outcomes for safety and helps reduce congestion.

Potential precinct solutions



Traffic lights at the intersection



Intersection road network upgrade (potential additional westbound lane)



Station upgrade (already funded and committed)



Improved pedestrian and bicycle connectivity to and across the level crossing



Precinct accessibility and movement improvements

Next steps

The preferred upgrades require further consideration and consultation with Brisbane City Council (the responsible road manager) and Queensland Rail. The Queensland Government will consult with these key stakeholders to further refine the preferred option and determine a funding agreement. Once we have received this input, the Queensland Government will update the community further on next steps.

For further information, please contact SEQLevelCrossingPlanning@tmr.qld.gov.au