



South Geelong to Waurun Ponds Duplication

Fyans Street level crossing removal

We're removing the congested level crossing at Fyans Street to deliver more frequent and reliable trains on the Geelong Line and improve safety and traffic flow.

Removing the level crossing at Fyans Street will also improve connectivity and provide opportunities to enhance the streetscape and local area through urban design. Motorists will no longer need to wait when the boom gates are down for up to 22 per cent of the morning peak and 15 per cent of the evening peak.

This will provide travel time savings for around 14,000 vehicles using Fyans Street each day. It will also improve safety and reliability for trains crossing this intersection daily and allow for more services to be introduced in the future.

The flashing lights, train horns and level crossing bells will be eliminated, reducing noise to the surrounding area.





Elevated rail bridge solution

An elevated rail bridge design has been identified as the best solution to remove the level crossing and reduce congestion and improve traffic flow and pedestrian safety.

Each level crossing site is unique and the design has to work within existing constraints such as roads, buildings, utility services, the topography of the site and the area's ground conditions.

Several designs were assessed during the planning phase, with technical studies, site constraints, construction impacts, community impacts and urban design opportunities all considered in determining the most feasible design solution.

Why the Fyans Street level crossing needs to go

-  Boom gates are down for **22%** of the morning and **15%** for the evening peak
-  Improved traffic flow for approximately **14,000** vehicles each day
-  Improved safety for road users and train passengers
-  Congestion is estimated to grow by **21%** by 2027 to **17,000** vehicles per day

Three level crossings to go between South Geelong and Waurun Ponds

Both the Fyans Street and Surf Coast Highway level crossing will be removed by 2024 as part of the project which will also include upgrades to South Geelong and Marshall stations, track duplication and signalling upgrades.

A bridge will also be built over the railway line at Marshall, removing the level crossing, as part of the Barwon Heads Road Upgrade, improving traffic flow and safety at three key locations between South Geelong and Waurun Ponds.





Why is an elevated rail bridge the most feasible design solution?

Minimising impacts on sensitive waterways

High groundwater levels were identified in the vicinity of the level crossing. Using an elevated rail bridge avoids interrupting the flow of storm water as well as reducing the risk of contamination to Barwon River or Waurn Ponds Creek catchments.

There is also a floodplain in this location. An elevated rail bridge reduces the risk of future flood events impacting train services in this area.

Minimising disruption

An elevated rail bridge is quicker to build than other options and will halve the rail line closure time needed for construction, reducing disruptions to the community and train passengers.

It will also reduce construction traffic on residential streets, with minimal soil excavation required compared to an open trench solution.

The duplicated track along Carr Street will enable trains to pass each other and ensure that diesel trains no longer park and idle in this section adjacent to residential properties.

Better and safer traffic flow

The complex road layout at Fyans Street will be significantly improved by the removal of the rail line through the five-way roundabout. Currently, cars can get stuck on the train tracks in the middle of the intersection when boom gates are closed.

The new elevated rail bridge will maintain the existing road layout including the roundabout and allow continued access to surrounding roads, businesses and properties for vehicles, emergency services and pedestrians once complete.

Improved safety

Elevating and separating the rail from the road improves safety for both road users and pedestrians with the elevated embankments creating a safety barrier along Carr Street.

Improvements to Carr Street streetscape and shared user paths

The elevated design allows for improvements along Carr Street with significant tree planting, landscaped walkways and bridge treatment designs that respond to the local character of the area.

The shared user path connecting South Geelong Station to the Fyans Street level crossing will be upgraded and relocated along Carr Street to create a new open and landscaped walkway and an improved connection for cyclists to the start of the Bellarine Rail Trail, as well as a continuous connection to Waurn Ponds.

Get involved

We want to hear ideas from locals and passengers on how the project designs could reflect and enhance the local area including landscaping and urban design outcomes.

Head to engage.bigbuild.vic.gov.au to have your say and provide feedback.

To receive updates about the South Geelong to Waurin Ponds Duplication sign up to our eNews at regionalrailrevival.vic.gov.au/geelong or follow us on Facebook facebook.com/RRRGeelongWarrnambool

Next steps

The project will go through an extensive planning process to assess the environmental, social and planning considerations of the project. Community engagement is an important part of this process.

If you are a resident living adjacent to the proposed bridge or have a business nearby, we will be in regular contact with you throughout the project to provide you with updates and opportunities to ask questions and raise concerns. Please feel free to reach out to a member of the project team at any time by contacting 1800 105 105.

Project timeline

2021

Planning, design and procurement

Engagement with the community commences.

2022

Contract award and construction

Engagement with the community continues on the design. Construction commences.

2024

Construction completed

Construction completed subject to planning and environmental approvals.

*Fyans Street level crossing removal view west along Carr Street
Concept image*




Upgrading the Geelong Line

The South Geelong to Waurin Ponds Duplication is being delivered as part of the Australian and Victorian governments' investment of more than \$4 billion in Regional Rail Revival, which is upgrading every regional passenger line in the state and creating more than 3,000 jobs.

Both governments have committed a further \$4 billion to deliver faster services between Geelong and Melbourne, as part of Geelong Fast Rail.

More information

 regionalrailrevival.vic.gov.au

 1800 105 105
(24 hours a day, 7 days a week)

Rail Projects Victoria
PO Box 4509, Melbourne, VIC 3001



Interpreter Service (03) 9209 0147

It should be noted that this information is current at the time of printing, however due to unforeseen circumstances, changes may occur. Please visit regionalrailrevival.vic.gov.au for the latest updates.