

Perth Airport Precinct - Northern Access Project

- Kalamunda Road Rail Bridge Replacement
- Great Eastern Highway Bypass and Kalamunda Road Interchange



The \$170 million Perth Airport Precinct – Northern Access project is jointly funded by the Australian Government (\$85 million) and the State Government (\$85 million).

Planning and development is underway for the \$170 million Perth Airport Precinct – Northern Access Project.

Jointly funded by the Australian and State Governments, the project will replace the existing load limited Kalamunda Road Bridge over the freight rail line with a new four lane bridge with full load carrying capacity, and construct a new grade separated interchange at the intersection of Great Eastern Highway Bypass and Kalamunda Road.

Together, these two upgrades will remove the last remaining signalised intersection on the Great Eastern Highway Bypass between Roe Highway and Great Eastern Highway, and remove constraints that currently prevent heavy vehicles travelling freely on Kalamunda Road between Great Eastern Highway Bypass and Abernethy Road. The project will also unlock development potential of the Perth Airport North site, which will support thousands of new jobs and economic activity in the future.

Scope of works

The project will include:

1. Replacement of the existing two-lane Kalamunda Road Bridge over the freight rail line with an increased load-carrying capacity bridge of four lanes.
2. A grade separated interchange at the intersection of Great Eastern Highway Bypass and Kalamunda Road with connectivity retained via on and off-ramps. The interchange will enable traffic on Great Eastern Highway Bypass to flow freely through the intersection.

This project will also include:

- Realignment of the section of Kalamunda Road immediately south of the new interchange. Realignment of this section of Kalamunda Road will ensure safe access to the future Airport North Development and retain access to the Guildford Cemetery.

- Noise attenuation (subject to any requirements determined by noise modelling).
- Landscaping and revegetation.

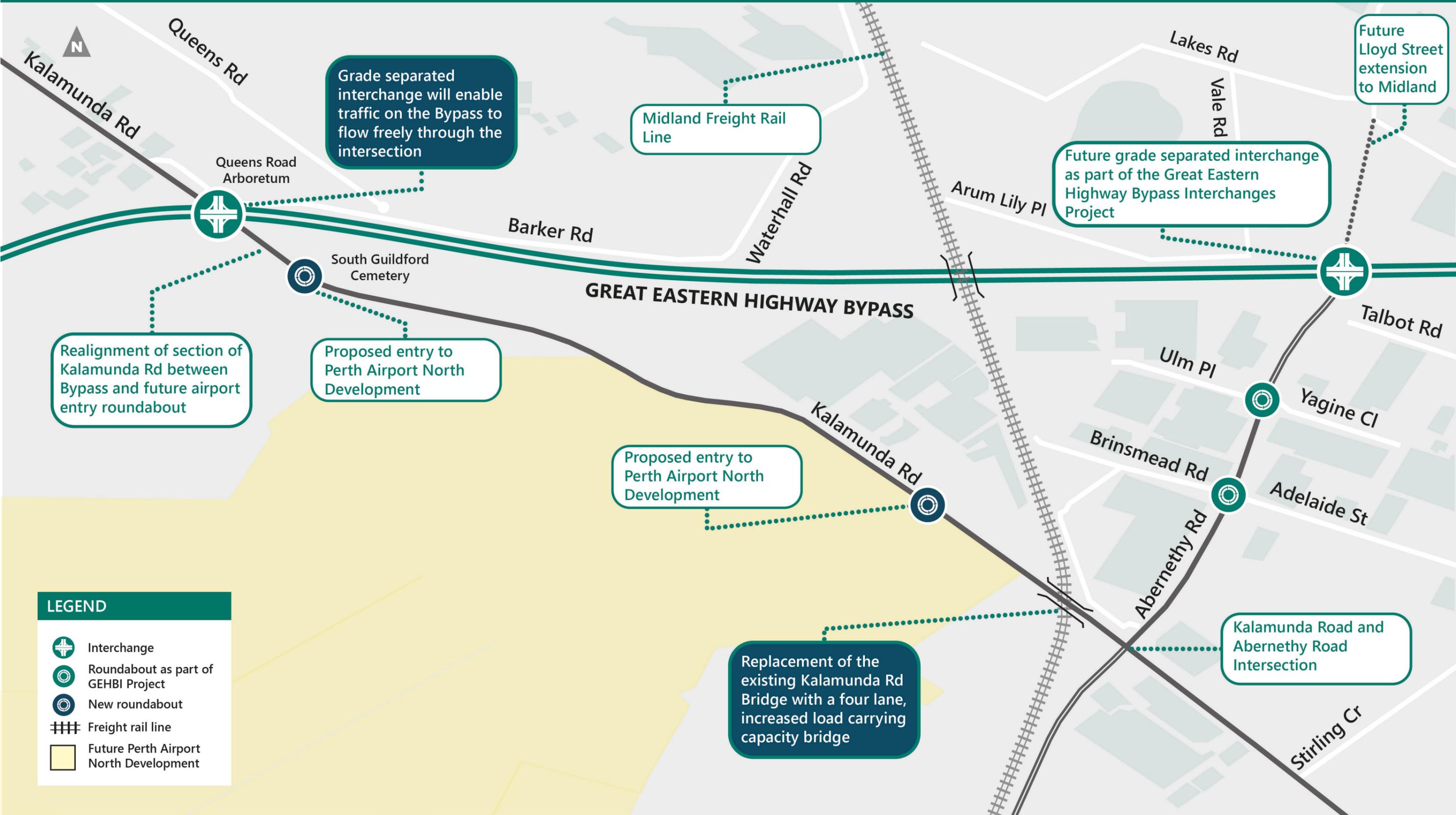
The planning and development work for the Great Eastern Highway Bypass and Kalamunda Road Interchange project will also consider opportunities to improve shared path connectivity along the Bypass.

Project benefits

The project will:

- Improve connectivity and road safety for all road users
- Reduce congestion, improve travel times and allow for planned development and economic growth in the local area
- Improve efficiency and network reliability including improving efficiency for heavy vehicles servicing Redcliffe, South Guildford, the broader Perth Airport, and Hazelmere/Forrestfield industrial areas
- Improve freight productivity
- Improve safety for pedestrians and cyclists

PERTH AIRPORT PRECINCT - NORTHERN ACCESS PROJECT



LEGEND

- Interchange
- Roundabout as part of GEHBI Project
- New roundabout
- Freight rail line
- Future Perth Airport North Development



We understand that the proposed new Great Eastern Highway Bypass and Kalamunda Road Interchange may change the way you travel around the area in the future. To help inform our planning and shape the development of design options, we'd like to hear:

- how you currently use Kalamunda Road, Great Eastern Highway Bypass and the Kalamunda Road and Great Eastern Highway Bypass intersection
- your thoughts on access, efficiency and safety
- potential improvements to the intersection, above and beyond turning it into a grade-separated interchange, that we should consider
- what's important in the local area.

We're also seeking feedback from local businesses. We want to understand how customers access local businesses, how businesses currently use the intersection, and impacts on operations.

To provide your feedback, please complete the survey at

www.mysaytransport.wa.gov.au/great-eastern-highway-kalamunda-road-interchange

The survey is open until 21 July 2022.

Have a question?

If you have any questions or feedback, please contact Main Roads on 138 138 or email us at enquiries@mainroads.wa.gov.au.

You can subscribe to future Project Updates and read more about the project at www.mainroads.wa.gov.au/great-eastern-hwy-bypass-kalamunda-rd

Why is the project needed?

The Great Eastern Highway Bypass (the Bypass) provides a critical connection between Roe Highway and Tonkin Highway, particularly for vehicles travelling to and from the Perth Airport, South Guildford, Hazelmere, Forrestfield, and High Wycombe industrial areas.

Heavy vehicle movements on the Bypass are currently constrained by the height of the existing overhead rail bridge, located between Kalamunda Road and Abernethy Road. As a result, heavy vehicles seeking access between Abernethy Road and the northern part of the Perth Airport site must use Tonkin Highway. This creates a significant, inefficient diversion which inhibits ongoing development of the Perth Airport precinct. The situation will be exacerbated following the removal of the signalised intersections on the Bypass at Roe Highway, Stirling Crescent and Abernethy Road when the neighbouring Great Eastern Highway Bypass Interchanges project is completed.

A new grade separated interchange at the Great Eastern Highway Bypass and Kalamunda Road intersection will address wait times at this intersection and future-proof the intersection's capacity for future growth. A new full load carrying capacity rail bridge on Kalamunda Road over the freight rail line will provide heavy vehicles with an alternative route, improving access and efficiency for the freight industry.

In doing so, the project will unlock the development potential of the Perth Airport North site, which will support thousands of new jobs and economic activity. The Perth Airport Non-Aviation Development Plan identifies the Airport North Precinct as a suitable centre for global businesses and leading smart technology industries.

Current status

The Greater Connect Alliance, a consortium comprising Laing O'Rourke, AECOM and Arcadis, in partnership with Main Roads has been engaged to deliver the Kalamunda Road Rail Bridge Replacement and undertake the planning and development for the Kalamunda Road and Great Eastern Highway Bypass Interchange.

- Planning and development for the Kalamunda Road Bridge over the freight rail line is well-progressed. Geotechnical and environmental investigations are complete and design of the bridge is expected to reach 85% by September 2022. Early works could commence by early 2023 subject to design completion and funding approvals. Design of the bridge has involved extensive consultation with key stakeholders including Arc Infrastructure (manager of the State's rail freight network), the relevant local Councils and directly impacted businesses.
- Planning and development for the Great Eastern Highway Bypass and Kalamunda Road Interchange commenced in October 2021. Traffic modelling, geotechnical investigations, environmental and heritage investigations, and stakeholder consultation is ongoing. The outcomes of these investigations and consultation will help us to understand potential impacts, confirm the statutory and environmental approvals required to enable the project to proceed, develop design concept options and confirm scope and costs of different options. This work will inform the selection of a preferred concept design, which will then be refined in the second half of 2022. Timelines and milestones for the new interchange will be determined through this planning work.