Project scope and benefits

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

The intersections of Great Eastern Highway Bypass (the Bypass) with Roe Highway, Stirling Crescent and Abernethy Road have become increasingly congested with road users experiencing significant wait times during peak periods. This increased congestion is due to the presence of large volumes of heavy vehicles moving in a north-south direction between the Forrestfield, High Wycombe and Hazelmere industrial areas, and Perth hills residents and heavy vehicles seeking to avoid heavy traffic through Midland and Guildford. In addition to traffic congestion issues, future expansion of the southern part of Midland around the former railway workshops precinct is constrained by the lack of direct access to and from the south.

**Project benefits**

Project benefits include:

* Improved road safety
* Reduced congestion
* Improved freight efficiency, connectivity and travel time
* Improved access to Perth Airport, Hazelmere and Forrestfield industrial areas, and the Midland railway workshops precinct
* improved connectivity between major freight and infrastructure hubs
* reduced costs for heavy vehicle operators, companies and commuters as a result of reduced travel time
* Improved local cyclist network.

**What does the project include?**

The project includes:

* Major interchanges at:
	+ the Bypass and Roe Highway
	+ the Bypass and Abernethy Road
* An extension of Lloyd Street from its current end point adjacent to Bunnings to the Bypass, including a new bridge over the Helena River
* Upgrades to the Bypass, including removal of the existing intersection at Stirling Crescent
* Upgrades to parts of Abernethy Road including a new heavy vehicle standard (RAV 7) connection at Adelaide Street
* Upgrade of Roe Highway between Talbot Road and Clayton Street, including a bridge duplication over Helena River.
* Completion of the 30km Principal Shared Path network on Roe Highway between Great Eastern Highway and Kwinana Freeway
* Replacement of the Kalamunda Road bridge over the freight rail line
* Landscaping

**The Roe Highway/Great Eastern Highway Bypass interchange will provide immediate journey time savings for 60,000 road users on Roe Highway per day.**

**Roe Highway and Great Eastern Highway Bypass Interchange**

A new grade separated interchange will replace one of the last remaining signalised intersections on Roe Highway to provide free flowing access between both roads. The section of Roe Highway between Talbot Road and Clayton Street will also be upgraded to 3 lanes in each direction. This includes a bridge duplication over Helena River.

**Abernethy Road and Great Eastern Highway Bypass Interchange**

Abernethy Road will be elevated to pass over the Bypass, with connectivity retained via a new grade separated interchange. Completion of the new interchange will allow removal of the signalised intersection of Stirling Crescent and the Bypass. This will alleviate significant levels of congestion by allowing free flowing traffic along the length of the Bypass between Roe Highway and Kalamunda Road.

**Upgrades to Great Eastern Highway Bypass**

The section of Great Eastern Highway Bypass between Roe Highway and Abernethy Road will be upgraded, including removal of the existing intersection at Stirling Crescent.

**Upgrades to Abernethy Road**

The section of Abernethy Road between the new Great Eastern Highway Bypass and Abernethy Road interchange and Kalamunda Road will be upgraded to a dual carriageway. A new roundabout will be built at the intersection of Abernethy Road and Adelaide Street/Brinsmead Road, and Adelaide Street will be extended from its current end point to the new roundabout. Upgrades to the section of Abernethy Road between Kalamunda Road and Dundas Road are currently being finalised with details to be confirmed soon.

**New Lloyd Street Bridge over Helena River**

Lloyd Street will be extended southbound from its current end point at Lakes Road to the Great Eastern Highway Bypass via the new interchange. It is also planned to extend Lloyd Street northbound from its current end point at Stirling Crescent, over the Helena River to the roundabout adjacent to Bunnings. The location of the bridge over the Helena River is currently being reviewed. Main Roads and the City of Swan have commenced discussions with Traditional Owners to explore the feasibility of the bridge crossing the Helena River adjacent to the old Whiteman Road bridge that was demolished in 2002. Subject to the outcome of these discussions, further site investigation and project development activity could take place.

When complete, the Lloyd Street extensions will create a new southern entry to Midland, providing improved access to St John of God Hospital, the Curtin University campus and a developing entertainment precinct. This part of the project is co-funded by the City of Swan.

**New Principal Shared Path (PSP)**

A new PSP will be built along Roe Highway and Great Eastern Highway Bypass:

* The new PSP along Roe Highway will extend from the Roe Highway and Great Eastern Highway intersection to join the section of PSP north of Kalamunda Road. This extension will complete the missing link in the 30km PSP between Great Eastern Highway in Midland and Kwinana Freeway in Jandakot.
* A new PSP will also be built along the northern side of the Great Eastern Highway Bypass from Roe Highway to just west of the existing railway bridge where it will join the local footpath network.