



# Mandurah Entrance Road

## Project Facts 01

### Key Facts and Figures

*Some key facts about the project are:*

The Mandurah Entrance Road (MER) will provide an efficient and safe link between the Kwinana Freeway extension and Mandurah – the fastest growing region in Australia.

The MER will offer a free flowing alternative route for Mandurah traffic, helping to relieve increasing traffic pressure and congestion on local roads.

The project is being delivered by Southern Gateway Alliance (SGA), the team that constructed the Kwinana Freeway extension and Forrest Highway, which opened to traffic on 20 September 2009, three months ahead of schedule.

SGA is comprised of Leighton Contractors, WA Limestone and GHD, working in conjunction with Main Roads Western Australia.

The project commenced in September 2009 and is expected to be complete by December 2010.

#### Construction

- 6.5 kilometres of four lane, dual carriageway – 4 kilometres of which will straddle the passenger railway line
- 0.5 kilometre stock road link to the north, which will provide quarry access for heavy vehicles
- 2 intersections with Mandurah Road and Stock Road (Lakelands)
- 700,000 cubic metres of material will be shifted as part of the project's earthworks
- 140,000 square metres of basecourse will be imported and used to construct the road
- 170,000 square metres of both asphalt and seal will be required



## Construction contd...

- 3.5 kilometres of retaining wall will allow the carriageway to run close to the railway line. The retaining wall comprises 3575 panels, each measuring 4 square metres
- 1.5 kilometres of limestone boundary walls will be constructed
- 1 pedestrian underpass approximately 40 metres in length will provide access between Marlee Reserve and Black Swan Lake
- 2 fauna underpasses will be constructed



## Structures

### Parklands Tunnel

- 220 metres in length and comprises 110 precast concrete arches
- This tunnel is located at the future Road B intersection and will feature public artwork

### Mandurah Road Tunnel

- 170 metres in length and comprises 72 precast concrete arches
- This tunnel is an extension of the existing rail tunnel and will also feature public artwork

## Drainage

- Approximately 9 kilometres of drainage pipe will be installed
- Approximately 1 kilometre of existing pipe will be removed
- 1 major water service will be relocated under the existing railway line near Gordon Road
- More than 400 drainage structures and elements including man holes, gully pits and basins
- 5 bunds totalling 700 metres in length

## Environment

- The project has received environmental approval from both the State and Federal Government
- 28,000 cubic metres of top soil will be removed and respread
- Approximately 10,000 new native seedlings will be planted along the alignment
- Approximately 130 kilograms of native seeds will be spread
- Approximately 30 hectares of revegetation will occur
- Cockatoo nesting boxes have been produced and will be installed within the project site to provide new nesting habitats
- Approximately 7 kilometres of fauna fencing will be placed

## Community

- A boardwalk will be constructed in Marlee Reserve as a legacy project
- On-road cycling will be provided
- Public artwork will feature at the entry to the road as well as on the retaining walls and tunnels on the project



Mandurah ENTRANCE ROAD  
*Connecting Mandurah*

## Like to know more?

Please call the Community Relations Team on 1800 671 211,  
email [enquiries@sga.incite.com.au](mailto:enquiries@sga.incite.com.au) or visit our website at  
[www.sgalliance.com.au](http://www.sgalliance.com.au)