



Project Overview

Project Overview: August 2011

Kwinana Freeway Widening (Leach Highway To Roe Highway)

Welcome to the second project overview for the Kwinana Freeway widening (between Leach Highway and Roe Highway).

This project involves widening the freeway within the existing road reservation to accommodate a third lane in each direction. Our Project Overviews are presented to the surrounding communities to provide information about the project, including background, impacts and construction timing. The project is jointly funded by the Federal and State Governments.

The project will:

- improve freeway capacity over this section;
- reduce congestion and travel time;
- improve safety for motorists;
- improve transport efficiency to the Port of Fremantle.

Latest News

Contractor commences

Western Australian road builder Highway Construction Pty Ltd commenced work in late July on the \$58 million project to widen the 4.5km section of Kwinana Freeway between Leach Highway and Roe Highway from two to three lanes. Work is expected to be completed by May 2012.

Highway Construction will generally complete the bulk of the work during the day behind barriers or bollards, with speeds temporarily reduced to 60km/h. The traffic lanes and shoulders will be temporarily reduced in width to enable the works to be carried out safely. The existing number of traffic lanes will be generally maintained throughout the

project, with only short term closures to one lane generally at night, to install traffic control measures and undertake final asphalt resurfacing.

To date, Highway Construction has been preparing for the widening works by reconfiguring the traffic lanes and shoulder to narrower widths. Concrete barriers are also being placed on the southbound section, between Leach Highway and Farrington Road bridges, to allow the widening works to be constructed. The posted speed will be reduced to 60km/h during the day.

Some nightworks have been undertaken, and we thank residents in nearby communities for their patience during these works.

Additional works include resurfacing the on and off ramps between Leach Highway and Roe Highway, and constructing additional noise walls for traffic noise mitigation and residential amenity where appropriate.

Other associated works include drainage, lighting, service relocations, signage, pavement marking and revegetation and landscaping works.

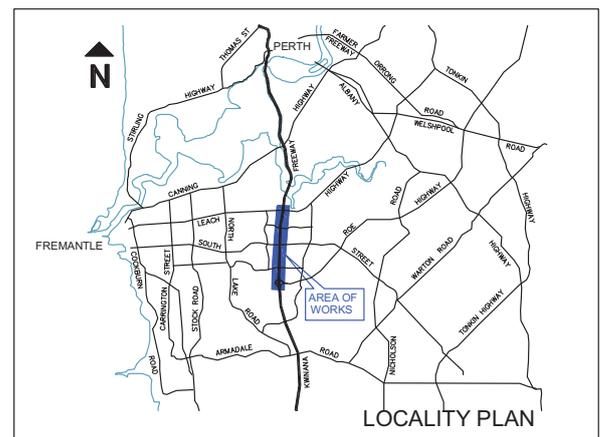
This section of Kwinana Freeway currently carries around 107,000 vehicles per day, which is expected to rise to 113,000 per day by 2016 and 131,000 by 2031. Freeway users currently experience major traffic congestion during peak traffic periods, so the extra lane in each direction will help alleviate the congestion issue now and into the future. Road user safety and travel times are also expected to improve.

KWINANA FREEWAY WIDENING & UPGRADE PROJECT

LEACH HIGHWAY TO ROE HIGHWAY

LEGEND

| | | | |
|-------------------------------------|---|-----------------------|---|
| NEW ROADWORKS WIDENING / OVERLAY |  | CARPARKING |  |
| OPTIONAL ROADWORKS |  | UNDERPASS |  |
| NEW SHARED PATH |  | CADASTRAL BOUNDARY |  |
| OPTIONAL SHARED PATH |  | | |



The Kwinana Freeway widening project highlighting the new intersection configuration at South Street.

Associated project works

Some optional works may be undertaken as part of the project. Main Roads will advise the community at a later date as to whether the following works will be done as part of this project:

- realignment of the Kwinana Freeway northbound exit ramp at South Street (construction of a new loop ramp), including the realignment and modification of shared paths and footpaths and construction of a new pedestrian underpass underneath;
- construction of an extension to the newly constructed Barry Marshall Parade through to the Murdoch Station bus road; and
- modifications to the signalised intersection at South Street to accommodate the realigned Kwinana Freeway northbound exit ramp.

Construction Reference Group (CRG) underway

Main Roads is committed to community engagement in this major road project. We are working with Highway Construction to advise local communities, businesses and other stakeholders about the project using a range of communication materials including newsletters, website information, signage, media and other regular channels. In particular, Main Roads will work with Highway Construction to implement a Traffic Management Plan to minimise impacts.

As the project will impact on some residents located alongside the freeway, a Construction Reference Group (CRG) has been set up to:

- Assist in identifying, discussing and providing advice on community issues associated with the project.
- Exchange information between Main Roads, the contractor and the community.
- Provide representative community and stakeholder input into some project design details.

Main Roads wishes to thank all local people who applied for CRG membership. We received interest from people along the length of the project area, and the following people were selected during May:

| | | |
|------------------|---------------|------------------|
| Mike Cafferty | Paul Collopy | Jenny Croucher |
| Mandy Fletcher | Robert Grieve | Paul Hutchinson |
| Brendan Mitchell | Kaye Murray | Jeffery Whitelaw |



Kwinana Freeway Widening Construction Reference Group members

We look forward to continuing to work with these community members throughout the project works. At the CRG's first meeting in June, several issues were discussed, which are outlined in this newsletter. The CRG's second meeting was scheduled for early August.

Construction and post-construction noise attenuation

The project involves construction of noise walls at a minimum of 2.4m high above the ground. Highway Construction will be undertaking a noise model for future traffic growth projections, and noise logging instruments were on site in June doing continuous 24 hour monitoring to allow noise contours to be produced.

Noise modelling will determine the final extent and height of the noise walls. Generally, the noise walls along Kwinana Freeway will be precast concrete and those along South Street will be limestone block to match those currently in the area.

Pre-construction and post-construction property inspections will be undertaken on buildings within 100 metres of the works. Letters were sent in June to property owners who will require a noise wall and property condition survey, and Highway Construction will continue to liaise with these landowners. Night works will be minimised and avoided where possible, and Highway Construction will provide residents and motorists with advanced notice of these. Generally, the night works will involve resurfacing of existing lanes, however these works will progress quickly.

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Landscaping

The works will be designed to minimise the extent of clearing on existing earthworks batters, and to re-establish the site after works completion. More discussions will be held with the CRG regarding input into landscaping components.

Traffic management

During daylight hours on weekdays, Highway Construction will keep at least two traffic lanes open in each direction. However, lane widths will be reduced to provide for the installation of a barrier between the traffic and the widening works for safety.

Bicycle paths

Generally, the bicycle paths will remain unchanged.

Associated road projects

Main Roads is currently developing three other projects in the area that will have an impact on traffic in the immediate vicinity.

- Murdoch Drive/South Street intersection upgrade: During May 2011, Minister for Transport Troy Buswell announced a \$15million upgrade for the South Street-Murdoch Drive intersection. The project aims to cater for the increase in traffic volumes as a result of the planned development of Murdoch Activity Centre (MAC) and the wider precinct, with key features being provision of more turning capacity and longer turning pockets (see www.mainroads.wa.gov.au for further information).
- Kwinana Freeway Roe Highway to Beelihar Drive/Armadale Road: widening to accommodate an additional lane in each direction (development works only are being undertaken at this stage).
- Kwinana Freeway northbound off ramp to Leach Highway (westbound) modifications.

If you require further information on these three projects please contact Carolyn Walker on Phone: (08) 9450 1445.

Project Background

Kwinana Freeway is the major freeway extending south from the Perth CBD. With the Mitchell Freeway north of the city, it forms the major north-south spine for road transport in the Perth Metropolitan area.

Current traffic modelling on this section of Kwinana Freeway shows that the existing two lanes in both directions between Leach Highway and Roe Highway do not provide enough capacity for freeway traffic. This will increasingly impact on freight transport efficiency and reliability to the Port of Fremantle, as well as adversely affect road safety, fuel consumption and greenhouse gas emissions.

Community Contact

Main Roads welcomes community interest in this project, and will be working with the community to deliver the project efficiently to minimise the inconvenience to freeway users and nearby communities.

For construction information, please contact Highway Construction's Community Relations Officer Louise Richardson on 0411 141 842 or via email at kwinana@hicon.com.au

Highway Construction will be advising communities about the project as it progresses.

If you have any other queries or would like to register your details to receive project updates via email, please send your details to:

Carolyn Walker

E: icwalker@vianet.net.au

Phone: (08) 9450 1445

