Construction starting

Early works and preparations are underway for major construction works to upgrade the intersection at Mains and Kessels roads, Macgregor. The first stage of the construction will begin in late January 2012 and the whole project will be completed by mid-2014, weather permitting.

The $300 million project is being funded by the Australian Government’s Nation Building Program and is aimed at improving road safety and efficiency at one of Brisbane’s busiest intersections.

The project will provide a short underpass beneath Mains Road for Kessels Road traffic with improved turn and intersection lanes, new provisions and priority for buses on Mains Road, and improved connectivity for pedestrians and cyclists within the project boundary.

Baulderstone Queensland, supported by designers Parsons Brinckerhoff, have been selected as the contractor to design and construct the intersection upgrade. Detailed design for the entire project will be completed by mid-2012.

KBR (Kellogg Brown and Root) have been selected to provide contract administration for the project.

Project benefits

This upgrade will deliver travel and safety benefits for all road users, including:

• improved travel times and traffic flow by separating Kessels Road traffic from Mains Road
• reduced delays and congestion
• improved safety and reliability
• reduced vehicle operating costs
• extended life of the intersection to cater for traffic growth
• improved provision for cyclists (on-road and off-road)
• improved amenity for the local community though enhanced urban design
• reduced local exhaust emissions and noise levels around the intersection.
Early works
To minimise impacts and ensure the project gets off to a flying start, some early works have already been completed and some off-road activities are now underway.

**Early works completed include:**
- geotechnical investigations
- public utilities investigations
- signalisation and safety improvements at the intersection of Mains Road and Omeo Street
- clearing of the former service station site on the south-west corner of the Mains Road and Kessels Road intersection.

**Off-road activities now underway include:**
- removal of resumed residential and commercial buildings at the intersection of Mains and Kessels and near Grout and Benaud streets
- installation of retaining walls
- relocation of some underground services
- establishment of a construction site yard and office
- establishment of an on-site project Visitor Centre.

Start-up timelines
- Late 2011 – Off-road site preparations.
- 2011/12 (December to January) Holiday season
  No major works to occur in front of businesses from Mains Road to Grout Street.
- Early 2012 – Stage One construction starts on the northern side of Kessels Road.

On an average weekday Kessels Road carries about 50,000 vehicles and Mains Road carries about 40,000.
Of these about 7000 are heavy vehicles.
Mains Road is also a major route for public transport buses.
The improved intersection will cater for future traffic growth for the next 20 years.

Project timeframe

<table>
<thead>
<tr>
<th>Community engagement to inform the community about the project</th>
<th>November 2011</th>
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</thead>
<tbody>
<tr>
<td>Planning</td>
<td>Complete</td>
</tr>
<tr>
<td>Business case submission to Australian Government</td>
<td>Complete</td>
</tr>
<tr>
<td>Pre-construction activities</td>
<td>Underway</td>
</tr>
<tr>
<td>Contractor selection for design and construction</td>
<td>Complete</td>
</tr>
<tr>
<td>Design finalisation and early work</td>
<td>Underway</td>
</tr>
<tr>
<td>Main construction period</td>
<td></td>
</tr>
<tr>
<td>Completion of works</td>
<td></td>
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</tbody>
</table>

2006 2007 2008 2009 2010 2011 2012 2013 2014
Traffic management

Traffic flow: Traffic will be maintained at all the existing level of service. There will be six lanes of traffic provided through the Mains-Kessels intersection and four lanes through the Kessels-Great Interchange, during peak times. There will be some temporary lane closures, mostly at night.

Traffic speed: During peak travel times traffic will be maintained at 60 km/h. At other times, particularly during temporary lane closures, traffic speed may be reduced to 40 km/h.

Access and road closures: Access to all properties, businesses and local streets will be maintained during the construction period. Temporary changes to driveways will only occur after consultation with property owners.

Traffic changes: There will be no changes to road conditions and the alignment of lanes. Roadside signs will mark these changes and traffic controllers will be on site when necessary to assist motorists.

Information: Changes to traffic arrangements will also be advised in advance via advertisements in local media, free SMS messages, the project website, the Traffic and Travel website and by phoning 13 19 49.

Environmental management

At various times businesses and residents may experience short-term impacts such as noise and vibration from machinery, dust, increased site activity, lighting at night works, some traffic delays and temporary access changes.

Residents and businesses will be notified in advance about the duration of works to occur in their area and how impacts will be minimised.

Noise and vibration: The team will monitor noise and vibration during the works and provide information about noise and vibration levels.

Dust: Dust control measures will be in place during excavation and construction. These measures will ensure project machinery and vehicles generate minimal dust, truck loads are covered when leaving the site and dust suppressant products are used as required.

Relocation of underground services: The team will monitor relocation of underground services during the works and provide information about work activity to local residents. Where relevant, pre-construction condition surveys will be undertaken to monitor the health of adjacent structures.

Water quality: A site-specific erosion and sediment control plan will protect the water quality in Mimosa Creek and its surrounds.

Detailed design to be completed by end 2012.
Since project planning started in 2006 the team has had more than 5000 community engagement contacts with local residents, businesses and stakeholder groups.

Visitor Centre

A Visitor Centre (VC) at the site office on the corner of Mains Road and Kessels Road will open by early 2012. This will provide a point of contact for the community to meet project staff and share information.

You’re invited to learn about road building, the innovative processes to keep traffic flowing during construction, ensuring safety for our workers and road users, protecting the environment and maintaining access for businesses and residents.

Please contact the project team if you:
• would like more information about the project
• are interested in booking a group visit to the VC
• are keen to invite members of the team to attend an event.

The VC will be open 9am – 5pm, Monday to Friday (excluding public holidays).

Contact us

Phone: 1800 227 804*
Email: mainskessels@tmr.qld.gov.au
Website: www.tmr.qld.gov.au/mainskessels
Post: Mains Road and Kessels Road
      Intersection Upgrade,
      Reply Paid 2439, Brisbane, Qld 4001
Visit: Mains Kessels Visitor Centre
      South-east corner of the Mains Road and
      Kessels Road intersection
      Open 9am – 5pm, Monday to Friday.

For traffic updates

Phone: 13 19 40 or visit www.131940.qld.gov.au

Free SMS To subscribe visit www.mkusms.com.au and
updates: follow the prompts. This service will provide advanced information about construction activities that may impact traffic.

*Free call from anywhere in Australia, call charges apply for mobile phones and payphones.