Warrego Highway Upgrade
Current progress and future opportunities
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Our values, our diversity

Customers first
Unleash potential
Be courageous
Ideas into action
Empower people
At a glance...

We shape the system

In 2015–16 we will invest:

- **$3.9b** QTRIP transport infrastructure investment, including:
  - $564.4m for works on the Bruce Highway
  - $989.4m rail
  - $31.4m maritime (does not include ports)
  - $62.4m public transport

QTRIP 2015–16 includes capital investment

- **$2.29b** roads
- **$33.3m** cycleways
Agenda

1. Overview of Warrego Highway Upgrade Program
2. Toowoomba to Oakey Stage 1
3. Projects to commence construction in 2015/16
4. Remaining Warrego Highway Upgrade Program
Warrego Highway Upgrade Program
- Overview
Warrego Highway Upgrade Program

- The 714km Warrego Highway is Queensland’s principal east-west route
- The improvements are essential to the region’s economic growth and will benefit the agriculture, resources and tourism industries
- Comprises 15 projects being delivered between Toowoomba and Miles, under a $635 million funding arrangement between the Australian and Queensland governments between 2014-15 and 2018-19
- Projects contribute to the nation’s productivity by increasing efficiency, safety and reliability of the National Road Network.
Toowoomba to Oakey (Stage 1)
- Nugent Pinch Road to Charlton
Toowoomba to Oakey (Stage 1)

Project Summary

- $110 million project to extend the 4-lanes from Nugent Pinch Road to west of Charlton (5.7km in length)
- Project design and contract management by Transport and Main Roads – Darling Downs District
- Current traffic volumes in excess of 15,000 vehicles per day, expected to increase to 30,000 within 20 years
- Grade separated intersection at Troy’s Road
- Installation of traffic signals at intersections with Gowrie Junction Road and O’Mara’s Road
- Construction by Seymour Whyte Constructions
- Expected completion mid-2016.
Toowoomba to Oakey (Stage 1)

Technical details

- Sections of lime stabilised black soil subgrade (approx. 1600 tonnes of lime)
- Full depth asphalt pavement (300mm depth typical) (over 107,000 tonnes asphalt)
- Two span concrete bridge at Troy’s Road intersection (24m spans)
- Electrical conduit (approx. 8.5km in length)
- Significant landscaping, selected to provide soil stability and to minimise maintenance.
Toowoomba to Oakey (Stage 1)

Learnings to date

- Lime stabilisation
  - Drop rate of 15kg/m²?? Suggest no more than 10kg/m²
- Changes to asphalt specifications
  - Harmonisation changes (potential savings)
  - Current pavement design manual would require deeper pavement.
- Site Office setup challenges
- Off line construction provides improved safety and traffic management
- Street lighting tariffs and maintenance.
Projects to commence construction in 2015/16
Starting Construction in 2015/16

Brigalow – Chinchilla upgrade
• A $36 million project to widen 11km of the highway on the eastern approach to Chinchilla
• Contract awarded to Ostwald Bros.

Jingi Jingi Creek upgrade
• A $35 million project to replace the deteriorated culverts and construct a new concrete bridge
• Construction expected in early 2016.
Projects in planning or design
Projects in planning or design

Oakey – Dalby overtaking lanes
- A $44 million project to provide additional overtaking lanes at regular intervals and in both directions
- Construction expected to commence mid-2016.

Toowoomba – Oakey duplication (stage 2)
- A $160 million project to extend the 4-lane highway from the stage 1 project a further 4km westward to Kingsthorpe turn off
Projects in planning or design

Dalby western access upgrade

- A $59 million project to upgrade the highway and improve safety at the various intersections on the western outskirts of Dalby
- Construction expected late-2016.

Dalby eastern access upgrade

- A $56 million project to upgrade the highway and improve safety at the various intersections on the eastern outskirts of Dalby
- Construction expected late-2016.
Projects in planning or design

Chinchilla open level rail crossing upgrade
• A $16 million project to upgrade safety at the open level rail crossing at Chinchilla.

Chinchilla bypass planning
• A $1 million project to investigate the need for a future bypass around the township due to growth of highway traffic, population and commercial growth.

Toowoomba – Oakey duplication (stage 3)
• A $2 million project to plan the 4-lane highway construction from Kingsthorpe to Oakey.
Projects in planning or design

Dalby – Miles overtaking lanes
• A $35 million project to provide additional overtaking lanes at regular intervals in both directions.

Miles western access upgrade
• A $24 million project to widen and rehabilitate the highway on the western outskirts.

Oakey – Miles safety upgrade
• A $40 million projects of road treatments to improve the safety at the busiest intersections on the highway.
Projects in planning or design

Drillham – Palardo upgrade
• A $11 million project to widen narrow sections of the highway to a safe standard for heavy vehicles.

Acland intersection upgrade
• A $6 million project to improve the intersection at Sabine Road, Jondaryn so heavy vehicles have safe access to the highway.
Opportunities for Industry

• Further to the Downs South West Region Industry Brief the key opportunities include:
  - Design and/or planning consultancy
  - Contract administration teams
  - Major construction contractors.

• More information on these projects or tendering can be found on the Transport and Main Roads website:
  - Project information – Projects tab
  - Tendering – Business and Industry tab.

www.tmr.qld.gov.au
Thank you