Dignams Creek upgrade, detailed design

October 2016

Roads and Maritime Services has finalised the detailed design for the Princes Highway upgrade at Dignams Creek. The NSW government has allocated $15 million to start building the upgrade.

We are currently inviting and assessing a number of tenders and are expecting to award the construction contract in late 2016. Further details including timing and impacts during construction will be communicated once the contractor is on board.

We expect the upgrade to start construction in early 2017 and take around 2 years to build.

The upgrade

The Princes Highway upgrade at Dignams Creek will improve safety on around 3 kilometres of the Princes Highway by removing a number of tight curves and by flattening out steep sections of the road.

The upgrade will also improve travel times on the Princes Highway and provide a new road built to modern highway standards.

Final Design

The final design for the upgrade is shown on the map on the next page. We have made some changes to the design since the Review of Environmental Factors was displayed in 2014 mostly due to better cost, environmental and safety outcomes.
Dignams Creek upgrade

1. For a cross section of the cutting section refer to back page
2. For a long section of the Dignams Creek bridge refer to bottom right
3. For a close up of the Dignams Creek Road intersection refer to bottom left
4. For a cross section of the fill section refer to back page

Key:
- Upgraded highway on new alignment
- Safety upgrade on existing alignment
- Fill
- Cut
- Bridge start/finish

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Benefits

Benefits of the upgrade include:

- Increased road safety by improving road alignment
- Increased road safety at the Dignams Creek Road intersection
- Reduced vehicle carbon emissions by improving grades and curves
- Improved travel times for motorists on the Princes Highway
- Safer crossings for local animals.

Key Features

Some of the key features of the detailed design include:

- A new section of highway built to current road design standards
- A new bridge over Dignams Creek to replace the existing bridge
- Relocation of the intersection of Dignams Creek Road and the Princes Highway to include a new underpass and a provision for buses
- An upgrade to the existing southbound overtaking lane
- Revegetation of the existing Princes Highway.

Focus on local environment

Roads and Maritime is committed to protecting and preserving the unique environment around Dignams Creek.

Rehabilitation and revegetation activities include:

- Five bushland reconstruction areas, incorporating native plant species
- Replacing pasture grasses throughout appropriate low-lying areas
- Rehabilitation of the old sections of the Princes Highway.

Next steps

- Preliminary investigations
- Refinement and analysis of options
- Select preferred option
- Concept design and environmental impact assessment
- Detailed design
- Pre-construction activities
- Award tender
- Construction

For more information

For more information on the Dignams Creek upgrade, please contact the project team:

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