



Australian Government

**BUILDING OUR FUTURE**



# The Northern Road and Bringelly Road Interchange

November 2015

The Australian and NSW governments are planning a new interchange at The Northern Road and Bringelly Road, Bringelly as part of the \$3.6 billion Western Sydney Infrastructure Plan to reduce future congestion and travel times and improve safety. Roads and Maritime Services is inviting your comments on the concept design and Review of Environmental Factors by **Friday 18 December 2015**.

## Background

We are proposing a new grade separated interchange (underpass), with the realigned The Northern Road running under Bringelly Road. There would also be changes at the existing intersection. This project is part of the 35km upgrade of The Northern Road and the 10km upgrade of Bringelly Road.

When the Australian Government announced that Badgerys Creek would be the site for a western Sydney airport in April 2014, it was also announced that a grade separated interchange would be needed at Bringelly to help manage increased future traffic in the area.

The \$3.6 billion Western Sydney Infrastructure Plan funding allows the interchange to be built years earlier than expected.

This ensures it is in place to cater for the growing population of around 300,000 people in the South West Priority Land Release Area and Western Sydney Priority Growth Area, and more than 57,000 jobs over the next thirty years on land near the western Sydney airport site.

We have prepared the concept design and Review of Environmental Factors after community consultation earlier this year. These are now on display for community feedback.

The Review of Environmental Factors assesses the potential environmental effects and outlines mitigation measures. It assesses a range of impacts including noise, property, construction, heritage and biodiversity. It also shows how people along the route would access their properties and traffic diversions during the construction phase.

Please see the back of this update for more information including where to view the Review of Environmental Factors and how to speak with the project team.

Subject to approval of the proposed interchange design and Review of Environmental Factors, this upgrade would move from the planning phase to the construction phase. We expect to begin building by early 2017, with the new interchange open to traffic by the end of 2019.



The proposed grade separated interchange (underpass) at The Northern Road and Bringelly Road



## Designing the interchange

### Design

After carefully assessing eight options, the preferred route for the new interchange was chosen. The route diverts The Northern Road about 300 metres to the east of its current alignment. This route was chosen because it maintains access to Bringelly Village shops, Bringelly Public School and protects heritage items including a heritage-listed house. It also has less noise and visual impact than the other options identified because it takes advantage of the natural terrain of the area. The Northern Road is diverted under Bringelly Road to create an underpass, taking advantage of Bringelly Road's position on a hill.

This route proposal was displayed for community comment in July 2015 and an options report was published. Since then, we have been working on design options for the interchange layout.

### Layout

Five options were identified for the layout of the interchange. The preferred interchange was chosen after our studies and a technical workshop assessed a range of criteria including property and land use, environment, constructability and cost. This layout has the smallest footprint and land acquisition of all five options and includes all traffic movements in one intersection. More detail on the selection process is available in the Review of Environmental Factors, available at [www.rms.nsw.gov.au/wsip](http://www.rms.nsw.gov.au/wsip).

Two traffic lanes in each direction, with a wide central median to allow for a future third traffic lane in each direction

Two traffic lanes in each direction, with capacity for a third lane in the future

Connects to Bringelly Road Upgrade Stage 2

### Robinson Road access

During consultation in July and August 2015, community members told us they were concerned about accessing the new The Northern Road from Robinson Road.

To address these concerns and prioritise safety we are proposing a new access road by extending Belmore Road. The extension will connect with Robinson Road on the eastern side of The Northern Road. This will allow motorists from Robinson Road to turn onto The Northern Road in a safer way from the extended Belmore Road.

Robinson Road will become a cul-de-sac at its current intersection with The Northern Road.

New section of Belmore Road

Connects to The Northern Road Upgrade Stage 2

New cul-de-sac

New cul-de-sac

Connects to The Northern Road Upgrade Stage 2

New cul-de-sac with access to Thames Road

Left turn slip lane to be removed

A

REALIGNED THE NORTHERN ROAD

Bus only lane

Underpass about 60 metres long beneath Bringelly Road

B

New traffic lights on Bringelly Road, with turning movements provided in all directions

On and off ramps to The Northern Road

Realigned Belmore Road

### How do I get home?

If you live along this route there may be changes to how you access your property. To see these changes, please visit our website at [www.rms.nsw.gov.au/wsip](http://www.rms.nsw.gov.au/wsip) and follow the link to the interactive portal, then visit The Northern Road and Bringelly Road Interchange area within the portal.



### Key

- Existing Bus Stop
- New Bus Stop
- Shared pedestrian and cycle path
- Landscaped median
- Road



The Northern Road to run under Bringelly Road at the new grade separated interchange (underpass)



Bringelly Road travelling over The Northern Road at the new grade separated interchange (underpass)



## Key features

The key features of the upgrade include:

- An interchange to separate vehicles on The Northern Road and Bringelly Road to allow for better traffic flow, with The Northern Road running under Bringelly Road. The underpass would allow for free flowing traffic on The Northern Road with no need for stopping
- Widening The Northern Road and Bringelly Road from two to four lanes with a wide central median to allow for six lanes in the future
- Installing new on and off ramps between Bringelly Road and The Northern Road, and turning lanes and traffic lights with pedestrian crossings on Bringelly Road
- A new connection from Robinson Road to The Northern Road on a new section of Belmore Road
- An off-road shared path for pedestrians and cyclists
- Changes to access for some properties along The Northern Road, Bringelly Road and Robinson Road.

## What are the benefits?

The benefits include:

- Increased traffic capacity on The Northern Road and Bringelly Road for future growth and development in surrounding areas
- Opportunities for improved public transport
- Improved traffic flow for motorists by separating road users on The Northern Road and Bringelly Road
- Less visual impact than a raised overpass
- Improving road safety for all road users by:
  - Providing wide central medians to separate opposing traffic flows
  - Improving safety for pedestrians and cyclists through a shared path and increasing connectivity for pedestrians by providing new footpaths
  - Improving turning movements for heavy vehicles, particularly from Greendale Road onto The Northern Road.

## Community consultation

During the development of a project, there are key decisions to be made about the most appropriate route, design, environmental and construction approaches. We ask the community and stakeholders to help us by providing feedback at important stages.

In July and August 2015 we consulted with the community on the preferred alignment for the interchange. This included hosting information sessions and visiting people directly impacted by the project, so that everyone in the area had a chance to speak to the project team. We have prepared a community consultation report that outlines the comments we received and our response. The report is available to view on our website at [www.rms.nsw.gov.au/wsip](http://www.rms.nsw.gov.au/wsip).

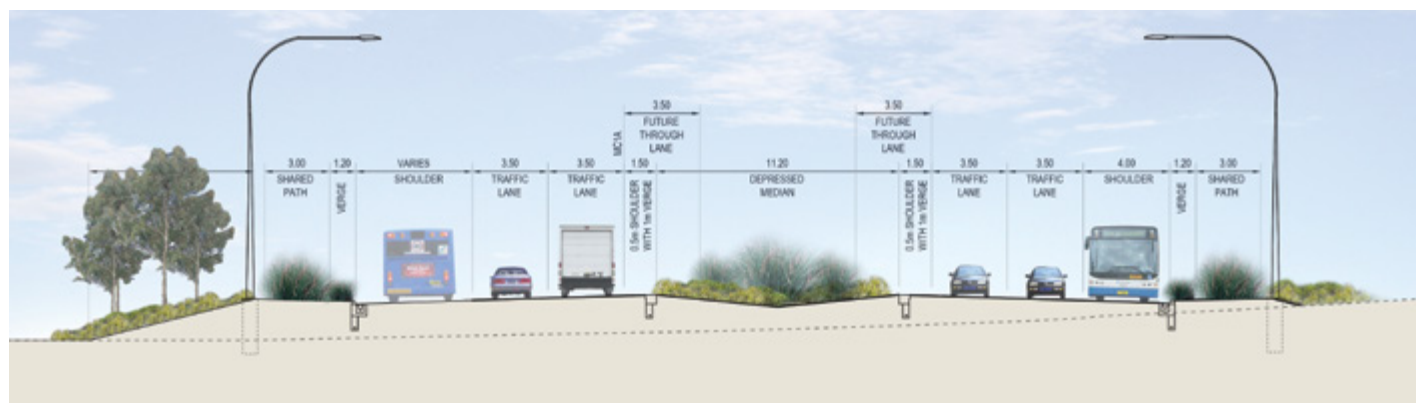
There will be some land acquisition and changes to property access to complete the interchange. We will continue to work with property owners who are directly affected by the proposal.

## The Northern Road Upgrade and Bringelly Road Upgrade

The new grade separated interchange connects to the \$1.6 billion The Northern Road Upgrade and the \$509 million Bringelly Road Upgrade, which are both being upgraded as part of the \$3.6 billion Western Sydney Infrastructure Plan. The 35km The Northern Road Upgrade is being delivered in four stages from Narellan to Penrith and will cater for future traffic from planned residential and commercial development. All stages are expected to be complete by the end of 2019.

The 10km Bringelly Road Upgrade is being delivered in two stages, from Camden Valley Way at Leppington to The Northern Road at Bringelly. Stage 1 is already being built. Together these upgrades are being delivered ahead of a western Sydney airport and expected significant population and jobs growth.

More information can be found on our website at [www.rms.nsw.gov.au/wsip](http://www.rms.nsw.gov.au/wsip).



Cross section of Bringelly Road

# Western Sydney Infrastructure Plan

## Delivering for growth, easing congestion and connecting communities

The Australian and NSW governments are funding a 10 year, \$3.6 billion road investment program for western Sydney. The Western Sydney Infrastructure Plan will deliver major road infrastructure upgrades to support integrated transport for the region and capitalise on the economic benefits from developing a western Sydney airport at Badgerys Creek. It will also improve safety, increase road capacity and reduce congestion and travel times now and in the future.

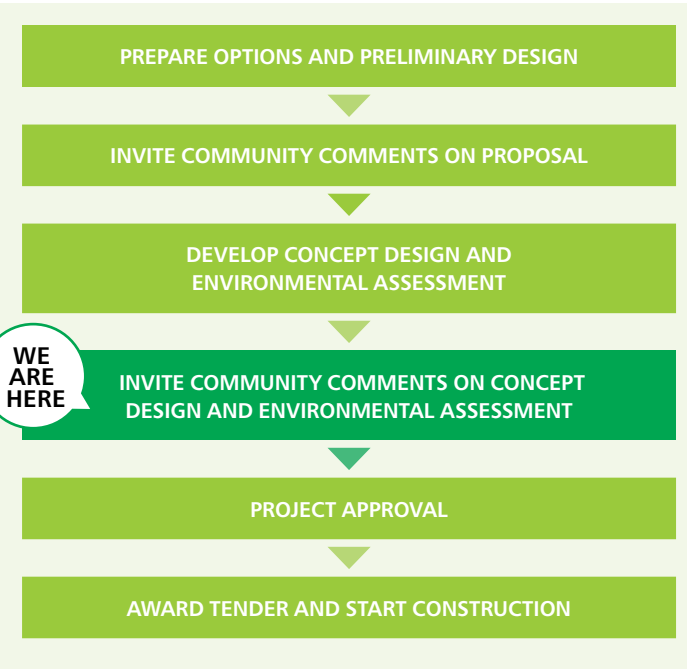
### Where are we up to?

- We have announced the preferred route option for **The Northern Road Upgrade Stage 4**. Community consultation on the preliminary design and access strategy will take place in early 2016
- Route options for the new **M12 Motorway**, from the M7 Motorway to The Northern Road, will be presented to the community for consultation in early 2016
- Construction started on the **Bringelly Road Upgrade Stage 1** between Camden Valley Way, Leppington and King Street, Rossmore in January 2015
- Construction started on the **Werrington Arterial Road** in March 2015
- The contract for construction of **The Northern Road Upgrade Stage 1** between Old Northern Road and Peter Brock Drive is expected to be awarded in late 2015
- Detailed design for **The Northern Road Upgrade Stage 2** between Peter Brock Drive, Oran Park and Mersey Road, Bringelly will be completed in early 2016
- Expressions of Interest are expected to be called in April 2016 for construction contracts for **The Northern Road Upgrade Stage 2** and **Bringelly Road Upgrade Stage 2**

- Planning and consultation with the community has started on the **Glenbrook Intersection Upgrade**
- Round one funding for the **Local Roads Package** went to seven projects for Fairfield, Campbelltown, Penrith and Camden councils. We are currently assessing round two funding applications.


## What are the next steps?

All comments received will be considered when finalising the project design. If there are further changes to the design we will let the community know.





**61km**  
of new and upgraded roads



**Reduced travel times** to Penrith, Liverpool and Campbelltown CBD precincts

**\$3.6 billion**  
investment in major transport infrastructure

**4000**  
direct and indirect jobs  
over 10 years



**Improve the efficient movement of state and national freight**



**Provide opportunities for improved public transport**

**Make western Sydney an even better place to live and do business**





**Transform the local economy**



## Have your say

We recognise the importance of involving the community in the development of The Northern Road and Bringelly Road Interchange. The Review of Environmental Factors is on display and can be viewed at [www.rms.nsw.gov.au/wsip](http://www.rms.nsw.gov.au/wsip) until **Friday 18 December 2015**.

It is also available to view in hard copy at the following locations:

### Liverpool City Library

170 George Street, Liverpool  
Monday to Friday 9:30am – 8pm  
Saturday 9:30am – 4pm  
Sunday 12pm – 4pm

### Camden Council

19 Queen Street Narellan  
Monday to Friday between 8.30am and 5pm

### Narellan Library

Corner of Queen Street and Elyard Street, Narellan  
Monday and Wednesday 9.30am – 8pm  
Tuesday, Thursday and Friday 9.30am – 5pm  
Saturday 9am – 3pm

We will host two community information sessions where the project team will be available to answer questions and receive feedback. A formal presentation will not be given, so please feel free to drop in at any time during the information sessions.


**Wednesday 2 December from 3.30pm – 7.30pm**

**Saturday 5 December from 12pm – 2.30pm**

**Bringelly Community Centre**  
**5 Greendale Road, Bringelly**


## Further information and feedback

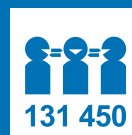
To ask us a question or to make a submission on the proposal:

 1800 703 457 (toll free)

 [wsip@rms.nsw.gov.au](mailto:wsip@rms.nsw.gov.au)

 [www.rms.nsw.gov.au/wsip](http://www.rms.nsw.gov.au/wsip)

 Western Sydney Infrastructure Plan,  
PO Box 973 Parramatta NSW 2124



If you need help understanding this information, please contact the Translating and Interpreting Service on 131 450 and ask them to call us on 1800 703 457.

## Privacy

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