



Australian Government

**BUILDING OUR FUTURE**



# The Northern Road Upgrade

Between Glenmore Parkway, Glenmore Park and Jamison Road,  
South Penrith – Community Update

August 2018



Progress on ramp construction for the new M4 interchange at The Northern Road, looking west.

The Australian and NSW governments have invested \$1.6 billion for the 35 kilometre upgrade of The Northern Road, between Narellan and South Penrith.

As part of the upgrade, Roads and Maritime Services is continuing work on the four kilometre section of The Northern Road, between Glenmore Parkway Glenmore Park and Jamison Road, South Penrith.

This Community Update provides you with information about the project and details of upcoming community sessions.

## Key features

- Four lanes in each direction (three general traffic lanes and a kerbside bus lane)
- A bridge over the M4 Motorway to replace the existing bridge
- Traffic lights and turning lanes at nine intersections
- Continuous bus lanes in each direction
- Wide central median
- Shared pedestrian and cyclist path and footpaths
- Street lighting, safety barriers, drainage and landscaping
- Retaining walls and two new noise barriers.

## Project benefits

- Improving travel times by increasing the number of lanes, removing one set of traffic lights, and providing additional turning lanes at intersections along The Northern Road
- Creating reliable public transport by providing a continuous kerbside bus lane in each direction
- Improving safety for pedestrians and cyclists by providing footpaths and a new shared path
- Improving road safety by providing a central median to separate opposing traffic flows and providing dedicated turning lanes at some intersections
- Improving local access by providing an extension of Cross Road to Wentworth Road
- Mitigating traffic noise impacts by providing two new noise barriers.

## What have we achieved?

- Completed 90 per cent of the detailed design for the project
- Completed all foundations and substructure for the new interchange at the M4 Motorway
- Started stage one work to build the new southbound carriage way between Wentworth Road and Bringelly Road.

### The new M4 interchange at The Northern Road will take the record for the largest single point urban intersection in Australia.

Once completed, it will be 35 metres wide kerb to kerb and 120 metres between stop lines, a distance easily covered by Usain Bolt in 11.496 seconds.

## Noise management

Roads and Maritime understands that noise during road construction can be a source of frustration for residents living near our project.

We are committed to finding the right balance between minimising the impact to residents and the need to complete the road construction for the wider community.

### How is construction noise being managed?

Construction noise is being managed through our Environmental Protection Licence (EPL) and Construction Environmental Management Plan.

A range of noise mitigation measures are used on our projects including:

- noise shields placed around static equipment
- changing our construction methodology to reduce night work impacts
- noise and vibration monitoring by environmental officers during night work
- testing, servicing and maintaining equipment
- advance notification or agreement from residents in impacted areas prior to the commencement of work
- limiting the number of consecutive nights for high impact activities to provide respite to sensitive receivers
- scheduling noisier activities in the earliest part of the shift, where possible
- turning off machinery when not in use
- locating equipment such as generators away from residential areas, where possible
- using equipment fitted with noise mitigation devices.

### Operational

There will be two noise walls installed along the western side of The Northern Road between the M4 Motorway interchange and Aspen Street. These will be around five metres high and will help mitigate traffic noise after the project is complete.

We will also treat individual properties identified as having increased traffic noise once the project is complete. Consultation with property owners who qualify for these treatments will begin in the coming months.

## Management and removal of waste material

Roads and Maritime is currently managing and disposing of excess material excavated during earthwork activities on The Northern Road upgrade. This is soil and rock unsuitable for road construction and some of it contains low levels of bonded asbestos. Asbestos was widely used in a range of building and construction materials up until 1987. Bonded asbestos, where the asbestos is interwoven within materials like cement or resin binder, is now commonly found during construction excavations due to widespread poor disposal practices in the past.

Material excavated on the upgrade is currently being held at the stock pile site at the corner of The Northern Road and Castle Road, South Penrith and 2030 The Northern Road, Orchard Hills. All work, including transporting the material to the stock pile site and its ongoing management, is being done in strict compliance with safety and environmental requirements. Licensed specialists are managing the process including dust control and air monitoring, and workers are wearing protective suits to comply with health and safety requirements. Signage is also being used to alert the public.

## Construction hours

Construction work will generally be carried out **Monday to Friday** between **7am** and **6pm** and on **Saturdays** between **8am** and **1pm**.

Roads and Maritime will advise residents if work needs to be done outside these hours including night or extended weekend work.

## Upcoming work

Work scheduled over the next three months includes:

- establishing temporary stockpile sites
- surveying and investigating existing utilities including drainage and electricity
- installing environmental controls including water basins and sediment controls to reduce environmental impacts
- bulk earthworks and stormwater drainage for road construction
- moving public utilities including gas, electricity, telephone and water services along the route
- constructing retaining walls and fencing
- continuing to build the bridge structure of the M4 Motorway including installing support beams for the new bridge deck.

## Where are we up to?

Use the numbers to see where we are up to on the map.

### 1 Glenmore Parkway intersection

Work has started to widen the Glenmore Parkway intersection to include new turning lanes, through lanes and a shared pedestrian and cyclist path. Work is continuing on excavation, placement of fill, drainage and utilities including water and power.

### 2 Wentworth Road to Homestead Road

Work has started on the construction of the new southbound traffic lanes, shared pedestrian and cyclist path, drainage and utilities including water and power. Current work includes installing new underground utilities, continuing excavation and placing of fill, and making property adjustments.

### 3 Cross Road

Work has started at Cross Road to open the new link between Wentworth Road and Homestead Road. Work on excavating for the road, building new road pavement, asphalt, barriers and drainage is continuing. Cross Road is scheduled to be open in late-2018.

### 4 M4 Motorway

Work to build the new southern approach to the bridge and the westbound off-ramp from the M4 Motorway to The Northern Road is continuing. Work includes placing fill for the new approach to the bridge, adjusting properties and excavating for the new ramp. Future work includes construction of drainage, retaining walls and road pavement.

### 5 M4 Motorway

Work to build the new bridge and interchange over the M4 Motorway is underway with all foundations and columns now complete. Excavation work will continue for the new eastbound on ramp to the M4 Motorway, placing fill for the northern approach to the new bridge, installing new drainage, building retaining walls and installing new underground utilities. Future work includes installing support beams for the bridge deck, building the new bridge deck, building supporting structures and installing screens.

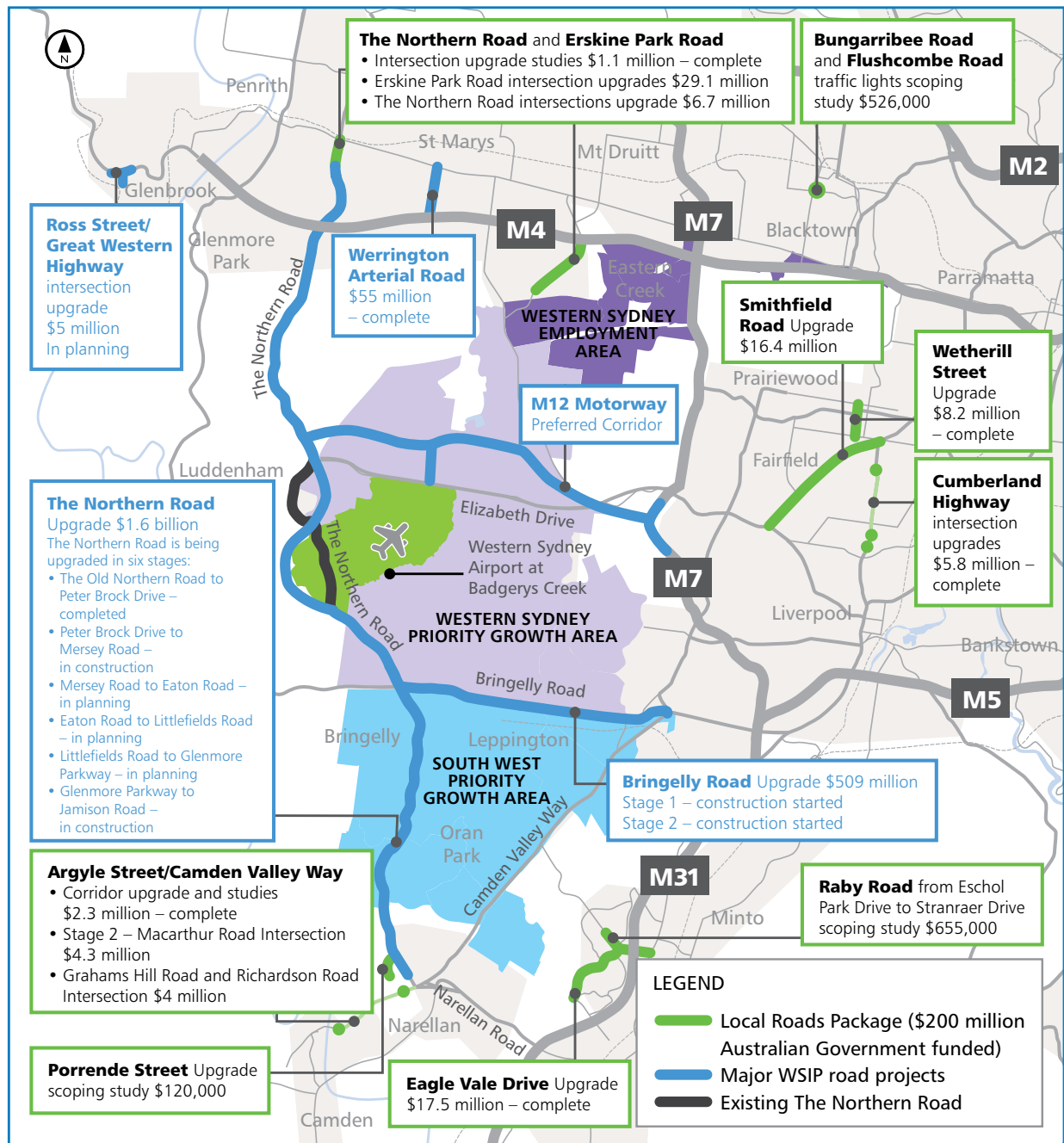
### 6 Frogmore Road to Jamison Road

Work has started on widening The Northern Road between Frogmore Road and Jamison Road. Work to date includes installing concrete barriers, line marking, relocating utilities and finalising property adjustments. Work will start shortly on building retaining walls. Future work will include installation of communication utilities near Aspen street and Maxwell street, South Penrith.

## The Northern Road Upgrade, Glenmore Parkway, Glenmore Park to Jamison Road, South Penrith



# Western Sydney Infrastructure Plan



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

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

We will continue to keep the community up-to-date with our progress to safely manage and remove the material from the stock pile site and other locations along the alignment.

## Community pop-up sessions

We will be holding three community pop-up sessions at local shopping centres to answer questions, take feedback and provide more information on the project. There will be no formal presentation, so drop in at any time during the session.

### Thursday 16 August 10am-2pm

Glenmore Park Town Centre  
1 Town Terrace, Glenmore Park

### Thursday 23 August 10am-2pm

Southlands Shopping Centre  
2 Birmingham Road, South Penrith

### Thursday 30 August 4pm-7pm

Southlands Shopping Centre  
2 Birmingham Road, South Penrith

## Stay informed

Residents, communities and motorists are kept informed of activities via doorknocks, letterbox notifications, road signs, the Live Traffic app, SMS and email notifications and on the RMS website and facebook page.

If you would like to receive SMS or email notifications about the project, email [tnr.community@lendlease.com](mailto:tnr.community@lendlease.com) or call **1800 870 665** to be added to the mailing list.

## Community Information Centre

Located at the corner of Wentworth Road and The Northern Road, Orchard Hills, the Community Information Centre is open during business hours between **9am and 5pm, Monday to Friday**. Come along to meet the team and get all the answers you need. Check out our new interactive 3D drive through model of the project while you're there.

**Other Western Sydney road projects.** The Northern Road upgrade is part of the Australian and NSW governments Western Sydney Infrastructure Plan (WSIP) 10 year, \$3.6 billion road investment program. For more information on other WSIP projects, please visit Visit the Western Sydney Infrastructure Plan portal at [rms.nsw.gov.au/wsip](http://rms.nsw.gov.au/wsip).



## Environmental Protection Licence – 21095

Our delivery partner Lendlease has been issued with an Environmental Protection Licence to undertake resource recovery (to process construction materials, including soil and sandstone) in our stockpile sites at 317 Homestead Road and 2012 The Northern Road in Orchard Hills. These activities have begun and will continue until 2020.

There may be impacts associated with this activity including noise and dust. These impacts will be managed proactively in line with the project's Construction Environmental Management Plan and Environmental Protection Licence approvals.



Drainage and foundation work at the new M4 Motorway interchange.

## Contact us



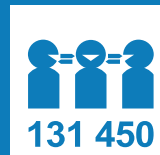
1800 870 665



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RMS 18.902

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