Nepean River Green Bridge

The NSW Government is building a new pedestrian and cyclist bridge spanning the Nepean River between Penrith and Emu Plains. The new bridge will provide a safe crossing for pedestrians and cyclists over the Nepean River and improve connections to existing and future shared paths, including the Great River Walk.

The project was approved in November 2014 following community consultation on a Review of Environmental Factors. Tenders for construction of the bridge will be invited in late June with building expected to start in early 2016.

Benefits of the project

The new bridge would:

- Provide a pedestrian and cyclist connection between Penrith City Centre and Emu Plains
- Be a destination and create opportunities for people to engage with the river
- Optimise views of the Nepean River and Victoria Bridge
- Respect the historic setting and place of the area
- Minimise impacts on rowers using the river
- Provide a crossing that is flood free, comfortable and safe to use.

Key features of the bridge design

- The main span of the bridge is a large triangular steel truss. The truss provides a slender design
- The curvature of the bridge structure has evolved to provide a softer and more sculptured appearance
- The ochre colour for the structure was influenced by the surrounding natural and built environment
- Three canopies will be incorporated at key locations at the terrace, mid-span balcony and towards the eastern abutment to provide shade for people using the bridge.
Changes to the bridge design

Late last year the proposed bridge design and a Review of Environmental Factors were displayed for community comment. As a result of the feedback received, there have been a number of design refinements which will minimise potential environmental impacts, reduce the construction timeframe and cost, and address community comments.

These changes include:

- The number of piers required has been reduced from four to two to have less impact on the existing river flow and historic rowing course
- The length of the main span has been increased from 175 metres to 200 metres and is composed of eight 25 metre long segments. The height of the triangular steel truss has increased from 11 metres to 12.5 metres as a result of the increased length of the span
- The raked pier on the eastern bank of the river has been removed and the extended main span will connect directly with the eastern abutment located above the bank. The previously proposed boardwalk around the raked pier will no longer be required.
- The terrace and balconies have been retained but their locations have been slightly adjusted.

A fly-through animation incorporating these changes is available to view on the project website at rms.nsw.gov.au/roadprojects/sydneywest.

Relocation of overhead power lines

The existing overhead electrical transmission lines crossing the river will need to be relocated further downstream as part of the work. Details of the relocation are shown in the map to the right. Further details for the electrical relocation is included in an addendum Review of Environmental Factors Report which will shortly be available on the project website: www.rms.nsw.gov.au/projects/sydneywest.

Key

- New pedestrian and cycle bridge
- Existing location of overhead power lines and telecommunication lines
- New location of overhead power lines
- Existing 12 location of overhead power lines
- New location of overhead power lines
Other infrastructure projects in planning for the area

Western Sydney Infrastructure Plan
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 an integrated transport solution for the region and capitalise on the economic benefits from developing the proposed Western Sydney airport at Badgerys Creek.

The Plan provides improved road transport capacity ahead of future demand, as planned residential and employment development comes online in the Western Sydney growth centres and the Broader Western Sydney Employment Area.

This work will transform the region’s economy and make Western Sydney an even better place to live and do business.

Features

• Upgrade The Northern Road to a minimum of four lanes between Narellan and the M4 Motorway, south Penrith
• Construction of a new east-west motorway to the airport between the M7 Motorway and The Northern Road, Luddenham
• Upgrade Bringelly Road to a minimum of four lanes between The Northern Road and Camden Valley Way. Construction started in January 2015
• Building the Werrington Arterial Road by upgrading Kent Road and Gipps Street to four lanes between the Great Western Highway and at the M4 Motorway, including two new east facing ramps on the M4 Motorway. Construction started in March 2015.

Western Sydney Infrastructure Plan – Local Roads Package
The Australian Government is funding a $200 million Local Roads Package for Western Sydney. The Package enables councils to deliver road improvement projects that support better local transport connections in Western Sydney.

Round One funding for Penrith City Council announced in late 2014 was for the $1.1 million The Northern Road and Erskine Park Road Intersection Upgrades identification studies.

Jane Street and Mulgoa Road Infrastructure Upgrade
In 2013 the Australian and NSW governments committed $35 million each to developing and constructing road improvements at Jane Street and Mulgoa Road, Penrith.

Roads and Maritime carried out investigations and technical studies to identify the best option to support current traffic demands and future growth in the area.

A Preferred Option Report was released late last year with community comments closing in February 2015. A Community Consultation Report summarising the feedback received, will shortly be available to read or download from our website at rms.nsw.gov.au/projects/sydneywest (search for Jane Street and Mulgoa Road Infrastructure Upgrade).

Mulgoa Road Upgrade
In February 2015, the Minister for Roads, Maritime and Freight, Duncan Gay and Member for Penrith, Stuart Ayres announced an investigation into options to widen Mulgoa Road from Andrews Road at Penrith to Glenmore Parkway at Glenmore Park.
Background

Planning for the new bridge started in May 2012 when Transport for NSW commissioned a study to identify the most suitable location for the bridge. In September 2012 Roads and Maritime Services sought feedback on possible bridge designs.

Following the selection of the preferred design, the eastern approach to the bridge has been relocated downstream to be within the former Log Cabin site to be further away from residential properties. The western abutment is located in Punt Road, within the existing road reserve.

The project received planning approval last November and Roads and Maritime has published a Submissions Report summarising community comments, responses and changes to the proposal.

A copy of this report is available to view or download from the Roads and Maritime website at www.rms.nsw.gov.au/projects/sydneywest and searching for Nepean River Green Bridge or emailing nepeanbridge@rms.nsw.gov.au or by calling 1800 733 084.

Roads and Maritime started early site preparation work last December, which involved the demolition of the remaining derelict building on the Log Cabin site at 1 Memorial Avenue, Penrith.

What happens next?

- **COMMUNITY CONSULTATION ON BRIDGE LOCATION**
- **BRIDGE LOCATION DETERMINED**
- **BRIDGE DESIGN OPTIONS DISPLAYED FOR COMMUNITY COMMENT**
- **PREFERRED BRIDGE DESIGN SELECTED**
- **FINALISE CONCEPT DESIGN AND ENVIRONMENTAL IMPACT ASSESSMENT**
- **REVIEW OF ENVIRONMENTAL FACTORS AND CONCEPT DESIGN DISPLAYED FOR COMMUNITY COMMENT**
- **REVIEW OF ENVIRONMENTAL FACTORS DECISION AND ROADS AND MARITIME RESPONSE TO SUBMISSIONS**
- **APPROVAL TO PROCEED**
- **SITE PREPARATION AND DETAILED DESIGN**
- **CONSTRUCTION**

Roads and Maritime has completed the detailed design for the bridge and will start relocating the overhead power lines later this year. Steel fabrication work will start off-site with on-site bridge construction work expected to start in early 2016.

Roads and Maritime will continue to keep the community informed about this project.
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**Translating and Interpreting Service**

If you need an interpreter, please call the Translating and Interpreting Service (TIS National) on 131 450 and ask them to telephone Roads and Maritime Services on 1800 733 084.

**Arabic**

إذا كنت بحاجة إلى مترجم، الرجاء الاتصال بخدمة الترجمة (TIS National) على الرقم 131 450. حجز ترجمة Roads and Maritime Services على الرقم 1800 733 084.

**Cantonese**

若有需要口譯員，請致電 131 450 聯絡翻譯和口譯服務署 (TIS National)。請讓他們聯繫 Roads and Maritime Services。

**Mandarin**

如果您需要口譯員，請致電 131 450 聯絡翻譯和口譯服務署 (TIS National)，要求他們致電 Roads and Maritime Services。

**Greek**

Αν χρειάζεστε διευθυντή, παρακαλείστε να τηλεφωνήσετε στην Υπηρεσία Μετάφρασης και Διερμηνείας (Ελληνική Υπηρεσία TIS) στο 131 450 και ζητήσετε να τηλεφωνήσουν Roads and Maritime Services στο 1800 733 084.

**Italian**

Se desiderate l’assistenza di un interprete, prego telefonare al Servizio Interpreti e Traduttori (TIS National) al 131 450 chiedendo di contattare Roads and Maritime Services al numero 1800 733 084.

**Korean**

통역사가 필요하시면 번역통역서비스(TIS National)에 131 450으로 연락하여 이들에게 1800 733 084 번으로 Roads and Maritime Services에 전화하도록 요청해 주십시오.

**Vietnamese**

Nếu cần thông ngôn viên, xin quý vị gọi cho Dịch Vụ Thường Phát Dịch (TIS Toàn Quốc) que số 131 450 và họ họ gọi cho Roads and Maritime Services que số 1800 733 084.

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For further enquiries

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More information is available at rms.nsw.gov.au/roadprojects

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