

SEPTEMBER 2012



Looking south across Victoria Bridge

Nepean River Green Bridge community update

The NSW Government has committed \$20 million to design and build a new walking and cycling bridge across the Nepean River.

The new 5-metre wide bridge would provide a safe shared path across the Nepean River to improve the walking and cycling connection between Penrith and Emu Plains.

The community is being asked to provide feedback on three possible bridge design options that would promote Penrith as a River City, linking it to the water, sitting sensitively within the landscape and fitting into the Penrith City master plan.

Background

The existing Victoria Bridge is a 250-metre long bridge with two lanes of traffic and a 1.5 metre footpath on the southern side.

The footpath is adjacent to the traffic lanes on the bridge and has limitations regarding the safe passage of pedestrians and cyclists.

In November 2010 Roads and Maritime Services (RMS) did a structural study to attach a pathway to the southern side of the existing Victoria Bridge. A clip-on structure for a shared path was possible, however, the cost of this structure would be up to \$35 million and would take a long time to construct. The study can be viewed on the RMS project website at www.rms.nsw.gov.au/roadprojects.

Subsequently, RMS investigated a stand alone structure for a pedestrian and cyclist bridge. A stand alone bridge would be cheaper and faster to build. It would also minimise impacts on the heritage of Victoria Bridge.

A preferred location for the crossing has been identified by Transport for NSW. Roads and Maritime Services will now develop the design and prepare to construct the new bridge.

Have your say! See inside for more details

Bridge location

Transport for NSW completed a transport study in 2012 to identify the most suitable location for a new shared pedestrian and cyclist bridge. It has information on pedestrians' and cyclists' use of the current bridge and what connections to existing and future paths provided by Penrith City Council.

As part of researching current and future transport needs, two stakeholder and community workshops sought input into identifying suitable locations for the bridge. The second workshop (24 May 2012) at Penrith City Council Chambers had about 40 local residents and representatives of local businesses and organisations. The report was displayed at Penrith City Council Library and Emu Plains Library from 3 July to 17 July 2012.

The location of the bridge is planned to be 200 metres south of Victoria Bridge between Punt Road, Emu Plains and Old Ferry Road, linking up to Memorial Avenue and High Street, Penrith.

This location best meets the safety, function, community benefit and cost issues.

The importance of design

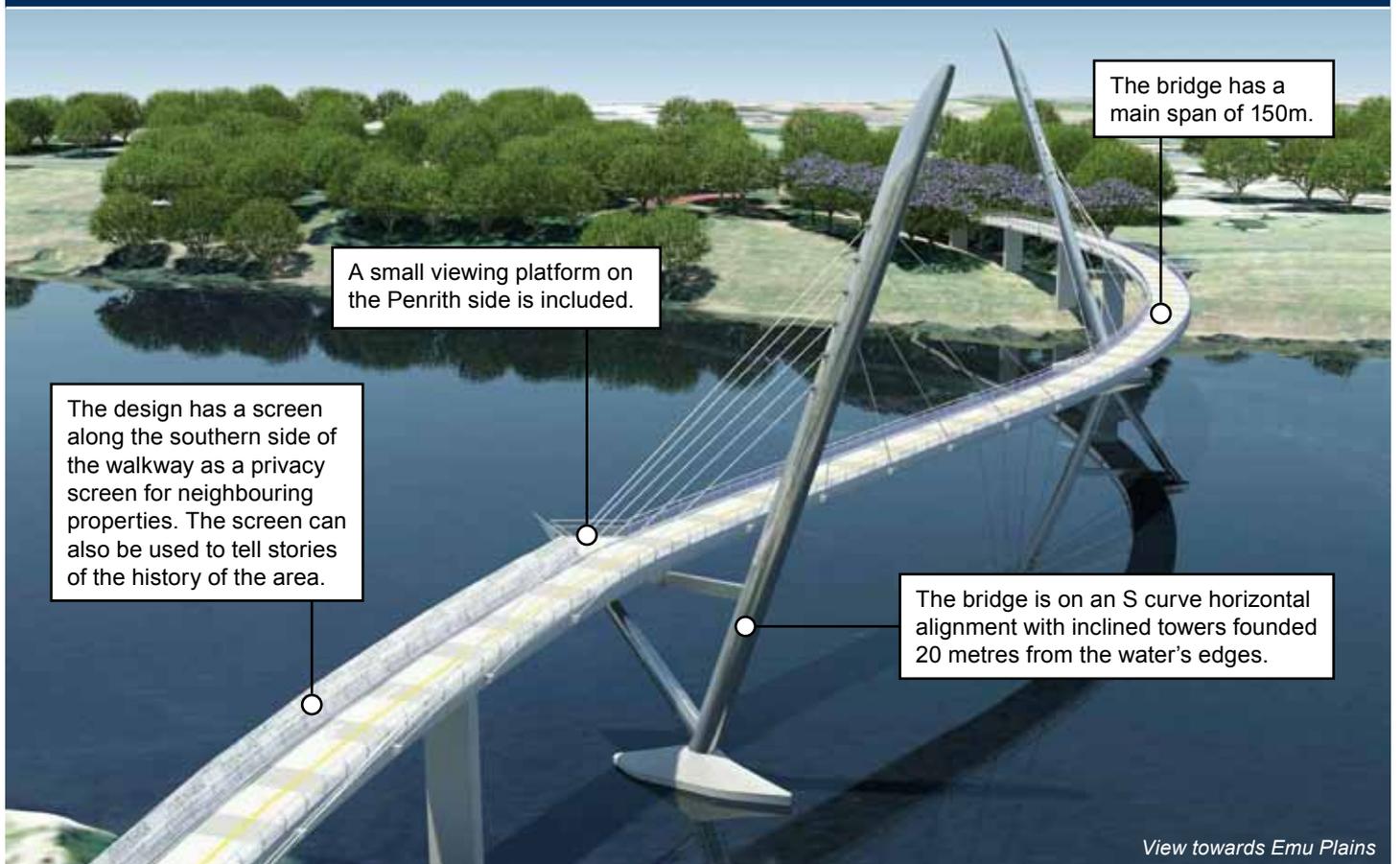
RMS recognises the Nepean River has high scenic value and the bridge needs to be designed very carefully. This is important to waterway users, residents and people who appreciate good bridge design.

Engineers and urban designers have worked on the proposed bridge design options with Penrith City Council and the Government Architect's Office. Each option meets the 1 in 2000 year flood level. All options require piers in the water for structural reasons.

Five bridge designs were short listed to three based on cost, feasibility and design quality (see the *Draft Preliminary Bridge Design Options Report* at www.rms.nsw.gov.au/roadprojects and go to Sydney Region, Western Sydney).

More information on the three bridges shown here is available on the RMS website.

Option 1 – CM+ cable stayed bridge



Benefits of the new bridge

The new pedestrian and cyclist bridge would:

- Enable safe walking and cycling for users.
- Improve walking and cycling accessibility between Penrith and Emu Plains.
- Enhance local leisure opportunities and tourism.
- Support Penrith City Council's strategic plan *Future of Penrith – Penrith of the Future*.

Bridge design

To ensure the best design and in keeping with Penrith and its master plan *Future of Penrith – Penrith of the Future*, recognised urban design companies and RMS bridge section provided designs according to the following objectives:

Visual appeal

- Provide an iconic bridge, dedicated to pedestrians and bicycle riders, over the Nepean River.
- Create a regionally significant structure that distinguishes Penrith from other places.
- Optimise views of the Nepean Valley and Victoria Bridge.

Provide opportunity for engaging with the river

- Connect the river to the Penrith City Centre and the suburbs of Penrith and Emu Plains.
- Create opportunities for people to engage with the river.
- Be a destination.

Fit with the surrounding area

- Be sensitive to adjacent residents' privacy, and consider noise and lighting impacts.
- Respect the historic setting and place.
- Connect to existing and proposed shared-use paths.
- Include creative lighting as an integral part of the design.

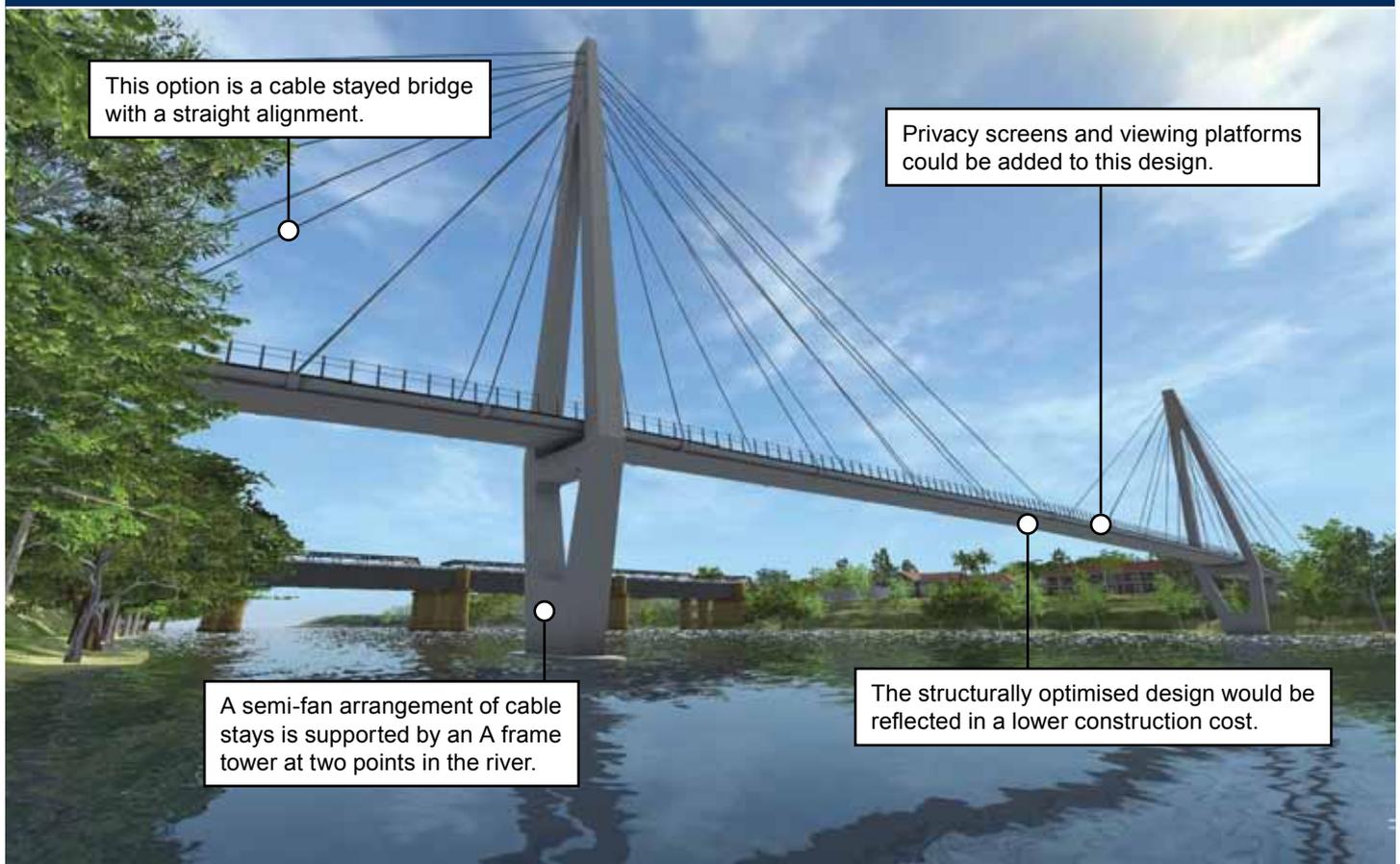
Fit for purpose

- Provide a shared-use crossing that is flood proof, comfortable and safe to use.
- Be cost effective and fit within the Government's funding commitment.

Constructability and maintenance

- Be practical to construct without significant risks to safety, timing and cost outcomes.
- Have minimal maintenance requirements and be easy to inspect.

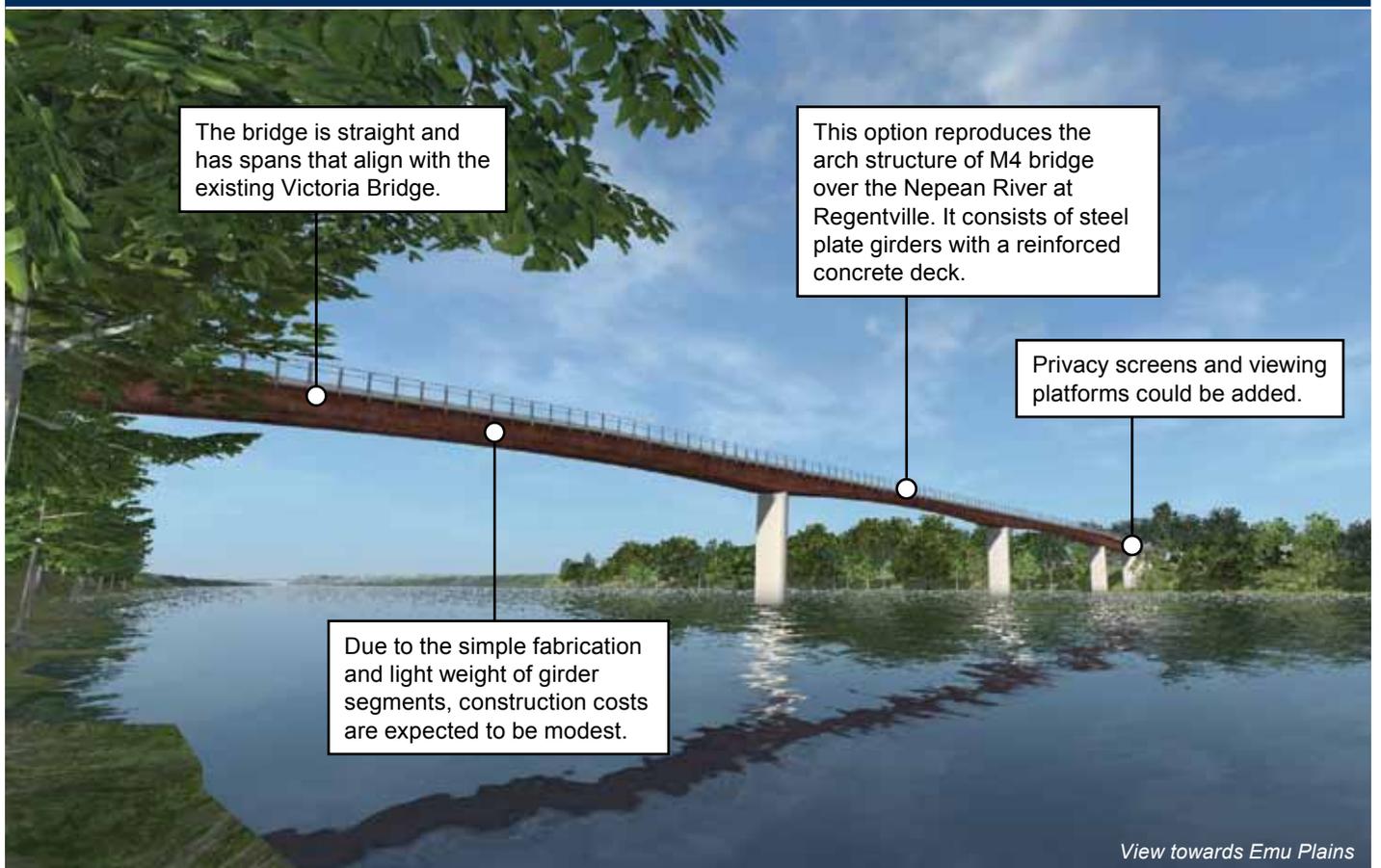
Option 2: Roads and Maritime Services cable stayed bridge



Location map



Option 3 – Roads and Maritime Services | girder bridge

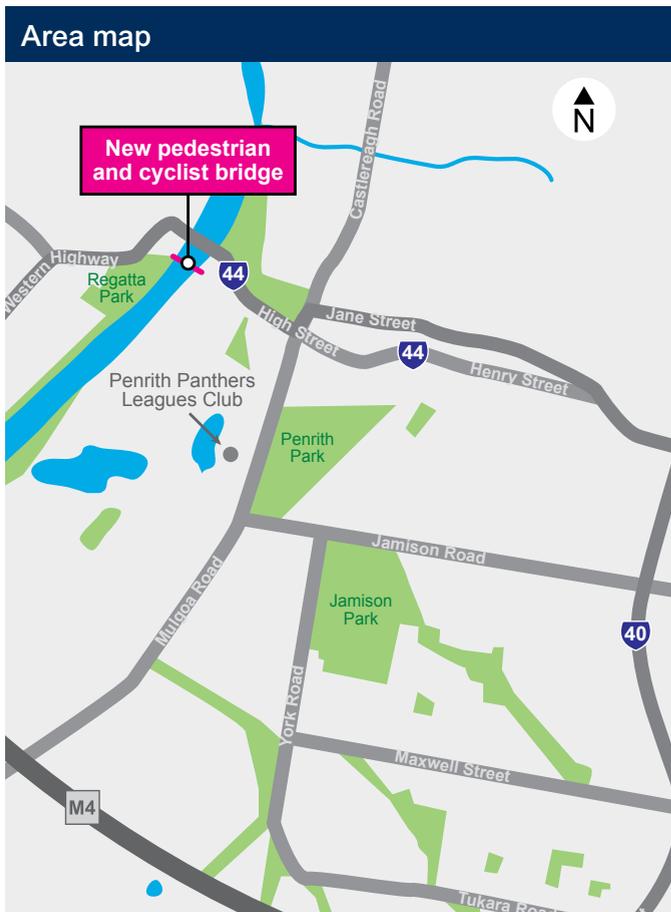


How will we make a decision?

Each of the three bridge designs will be assessed using the five key design objectives, along with comments from the community, to select a preferred design.

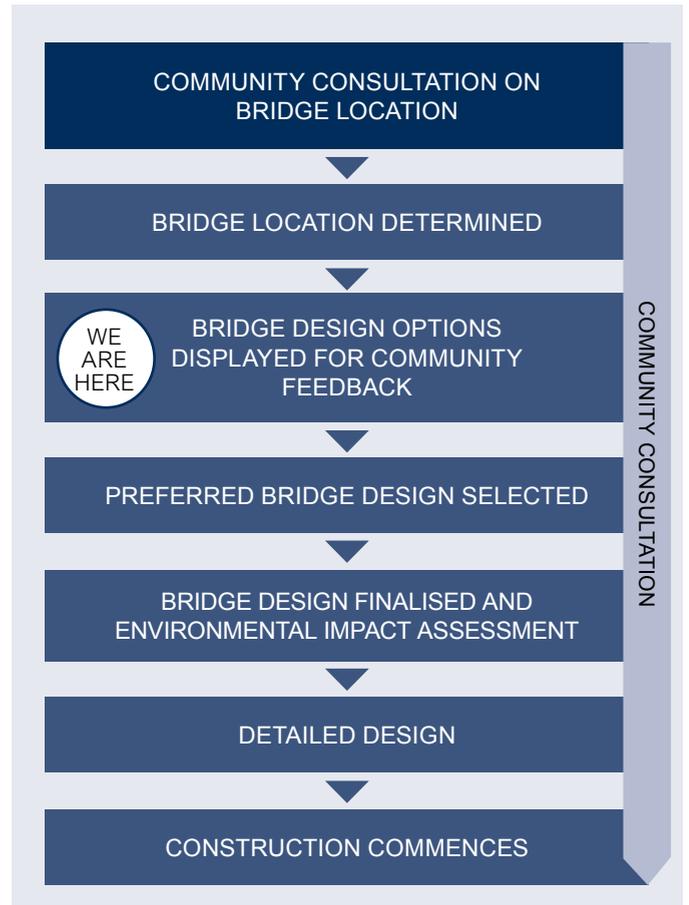
Short and long term costs and benefits will be considered by RMS, working closely with Penrith City Council to ensure the final bridge design meets constructability, cost and long term community benefit objectives.

The NSW Government's funding commitment for this project will be an important consideration when choosing the final design.



Next steps

Following community feedback on these options, RMS will finalise the Options Report taking into account everyone's comments. The final report will be displayed for the community's information when completed. A review of environmental factors will be prepared on the concept design of the bridge followed by detailed design prior to construction starting in 2014.



Have your say

Display locations

The 2012 Transport for NSW *Nepean River Green Bridge Transport Study*, the *Draft Preliminary Bridge Design Options Report*, and this community update are all on the RMS website.

The *Draft Preliminary Bridge Design Options Report* can be read until Friday 12 October 2012 at:

Penrith City Library
601 High Street
Corner of High Street and Castlereagh Road
Penrith

Emu Plains Library
Corner of Lawson Street and
Great Western Highway
Emu Plains

For further enquires

Please contact:

Nepean River Green Bridge project team

PO Box 973 Parramatta NSW 2124

T 1800 822 486 E nepeanbridge@rms.nsw.gov.au

Go to www.rms.nsw.gov.au/roadprojects | 13 22 13

Community workshop

A community workshop on the bridge design options will be held from 5.30pm to 7.00pm on Thursday 20 September 2012 at the Nepean Room, **Penrith City Council, 601 High Street, Penrith**. Come along to discuss each option.

To RSVP and to help with catering please contact RMS Community Relations via email nepeanbridge@rms.nsw.gov.au or phone 1800 822 486.

Online feedback

Provide your comments on each bridge design at www.rta.nsw.gov.au/roadprojects and go to Sydney region, Western Sydney and see the project listed.



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 633 332.

Arabic

إذا كنتم بحاجة إلى مترجم، الرجاء الاتصال بخدمة الترجمة الخطية والشفهية (TIS National) على الرقم **131 450** والطلب منهم الاتصال بوكالتكم على الرقم 1800 633 332.

Cantonese

若你需要口譯員，請致電 **131 450** 聯絡翻譯和口譯服務署 (TIS National)，要求他們致電 1800 633 332 聯絡 Roads and Maritime Services。

Mandarin

如果你需要口译员，请致电 **131 450** 联系翻译和口译服务署 (TIS National)，要求他们致电 1800 633 332 联系 Roads and Maritime Services。

Greek

Αν χρειάζεστε διερμηνέα, παρακαλείστε να τηλεφωνήσετε στην Υπηρεσία Μετάφρασης και Διερμηνείας (Εθνική Υπηρεσία TIS) στο **131 450** και ζητήστε να τηλεφωνήσουν Roads and Maritime Services στο 1800 633 332.

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 1800 633 332.

Korean

통역사가 필요하시면 번역통역서비스 (TIS National)에 **131 450** 으로 연락하여 이들에게 1800 633 332 번으로 Roads and Maritime Services 에 전화하도록 요청하십시오.

Vietnamese

Nếu cần thông ngôn viên, xin quý vị gọi cho Dịch Vụ Thông Phiên Dịch (TIS Toàn Quốc) qua số **131 450** và nhờ họ gọi cho Roads and Maritime Services qua số 1800 633 332.



carbon neutral



recycled



australian made

PENRITH
CITY COUNCIL



Transport
for NSW

Nepean River Green Bridge

Display of bridge design options – September/October 2012

Please comment on options for the proposed new pedestrian and cyclists' bridge to cross the Nepean River between Emu Plains and Penrith.

All community feedback will be carefully considered by RMS to help identify a preferred design.

Please return your comments to RMS by **Friday 12 October 2012**. For details on how to submit your comments, see the other side of this form.

What are your thoughts on **Option 1** in terms of the following criteria:

Visual appeal

- Excellent Very good Good Average
 Poor Not sure

Why?

Opportunity for engaging with the river

- Excellent Very good Good Average
 Poor Not sure

Why?

Fit with the surrounding area

- Excellent Very good Good Average
 Poor Not sure

Why?

Fit for purpose

- Excellent Very good Good Average
 Poor Not sure

Why?

Constructability and maintenance

- Excellent Very good Good Average
 Poor Not sure

Why?

What are your thoughts on **Option 2** in terms of the following criteria:

Visual appeal

- Excellent Very good Good Average
 Poor Not sure

Why?

Opportunity for engaging with the river

- Excellent Very good Good Average
 Poor Not sure

Why?

Fit with the surrounding area

- Excellent Very good Good Average
 Poor Not sure

Why?

Fit for purpose

- Excellent Very good Good Average
 Poor Not sure

Why?

Constructability and maintenance

- Excellent Very good Good Average
 Poor Not sure

Why?

What are your thoughts on **Option 3** in terms of the following criteria:

Visual appeal

- Excellent Very good Good Average
- Poor Not sure

Why?

Opportunity for engaging with the river

- Excellent Very good Good Average
- Poor Not sure

Why?

Fit with the surrounding area

- Excellent Very good Good Average
- Poor Not sure

Why?

Fit for purpose

- Excellent Very good Good Average
- Poor Not sure

Why?

Constructability and maintenance

- Excellent Very good Good Average
- Poor Not sure

Why?

Further comments:

To allow us to effectively collate your feedback, please tick one or more of the boxes below that describes you best

- Local resident
- Local business owner
- Road user
- Bridge engineer / enthusiast
- Government agency
- Community group
- Pedestrian/cyclist /transport group
- Other (please specify)

Please print your name and full street address clearly

Name

Address

Email

Telephone

Please tick here if you would like to receive further information

Please send written comments to:

The Nepean River Green Bridge project team
PO Box 973 Parramatta NSW 2124
T 1800 822 486
E nepeanbridge@rms.nsw.gov.au

Privacy: Roads and Maritime Services ("RMS") is subject to the *Privacy and Personal Information Protection Act 1998* ("PIIP Act") which requires that we comply with the Information Privacy Principles set out in the PIIP Act. All information in correspondence is collected for the sole purpose of assisting in the assessment of this proposal. The information received, including names and addresses of respondents, may be published in subsequent documents unless a clear indication is given in the correspondence that all or part of that information is not to be published. Otherwise RMS will only disclose your personal information, without your consent, if authorised by the law. Your personal information will be held by RMS at 27 Argyle Street, Parramatta NSW 2150. You have the right to access and correct the information if you believe that it is incorrect.