



Sydney Harbour Bridge

Arch Maintenance Units

Review of Environmental Factors – February 2020



Sydney Harbour Bridge viewed from above

The NSW Government is investing in work to improve the Sydney Harbour Bridge.

The Sydney Harbour Bridge is a national icon providing a crucial connection for our city from north to south. Thousands of commuters and sightseers access the bridge every day. Ensuring we carry out ongoing maintenance to the bridge is important so that we can preserve this iconic structure well into the future.

Transport for NSW is always looking for ways to use innovative technology to monitor and repair various part of the bridge that are difficult to reach.

We have prepared a Review of Environmental Factors for the replacement of the Arch Maintenance Units on the Sydney Harbour Bridge.

The existing units were upgraded in 1997 and no longer provide suitable and safe access to the arch of the bridge. We have developed a proposal to replace the existing four arch maintenance units with two new units that will provide better and safer access to the arch of the bridge.



What would the proposal involve?

The proposal would involve replacing the four existing units with two new units. Each of the two new units would allow access for maintenance crews to carry out work such as routine inspections, repair work and painting. The units would travel up and down the arch on tracks. There would be one unit on either side of the arch.

The proposal would involve:

- Removing the four existing arch maintenance units
- Installing a new track system along the top section of the bridge arches
- Installing two new arch maintenance units
- Relocating the existing walkways on the bridge arch, from the centre to the outer edge.

Existing arch maintenance unit on top of the Sydney Harbour Bridge arch



Artists impression of one of the new arch maintenance units

Options considered

Throughout the design process a number of options were considered when developing the proposal as it is today. These included upgrading the existing units, replacing the units with like for like new units and the preferred proposal to provide two new units.

This option was selected because it provides a safe and efficient system to maintain the arch of the Sydney Harbour Bridge. While it does create a minor visual change to the bridge there is an overall benefit safety and to the life span of the iconic structure.

Visual and Heritage Impacts

When carrying out any work on the Sydney Harbour Bridge, Transport for NSW work to minimise any heritage and visual impacts. The Sydney Harbour Bridge and its surrounds is a highly significant heritage item, listed on the NSW State Heritage Register and National Heritage List.

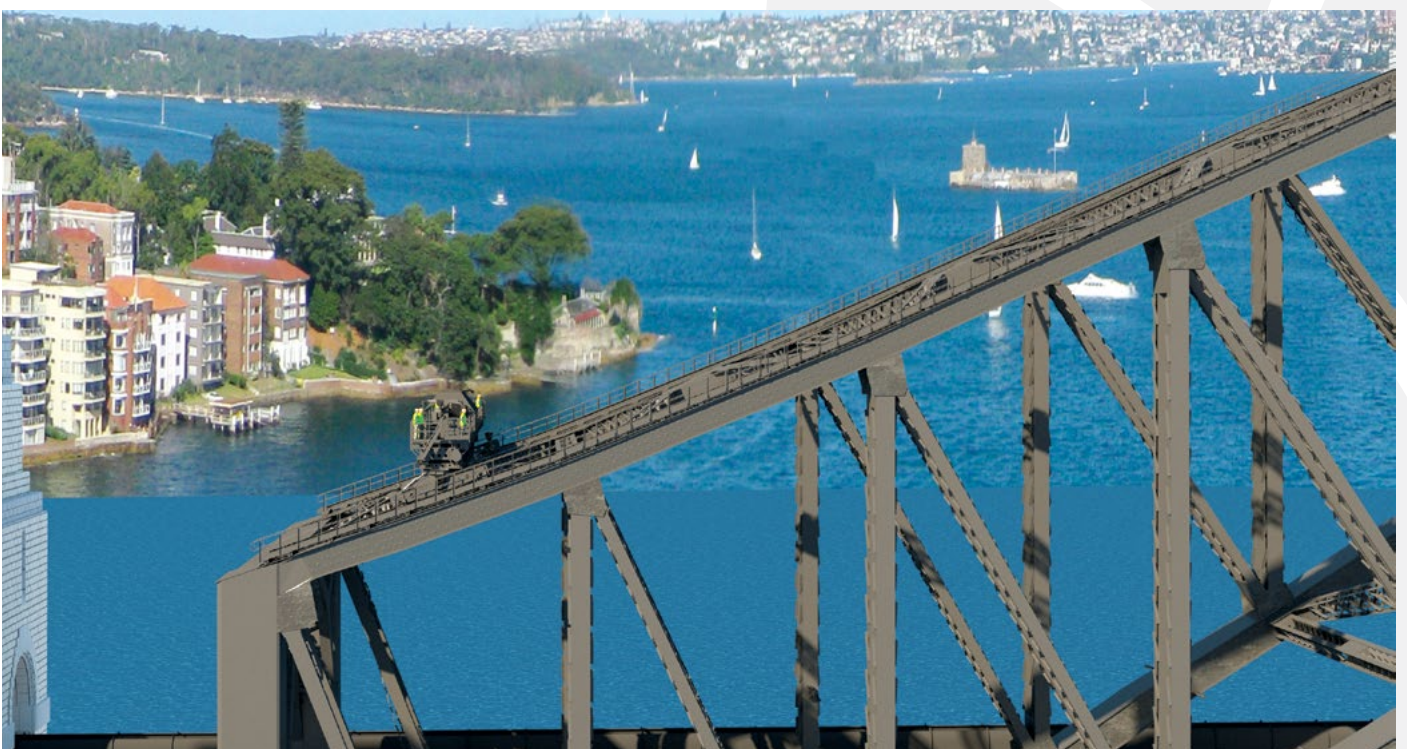
The Review of Environmental Factors includes a detailed heritage report and visual impact assessment prepared by relevant specialists. The Heritage Council has also been consulted about the work and approval under the Heritage Act 1977 has been agreed.

While the units would have a minor visual impact on the bridge, they will provide improvements in critical maintenance activities and therefore contribute significantly to the longevity of the structure.

Visual impacts from the Sydney Opera House have been assessed as minimal. Further detail about this and visual impacts from other areas can be found in the Review of Environmental Factors.



Artists impressions of one of the new arch maintenance units viewed from the side



Artists impressions of one of the new arch maintenance units viewed from the side

View and provide comment on the Review of Environmental Factors

We invite you to view and provide any feedback on the Review of Environmental Factors for the proposal until Tuesday 25 February.

You can view the document online at nswroads.work/shb-arches. Copies will also be made available at the following locations:

Transport for NSW office
20-44 Ennis Road
Milsons Point NSW 2059

All comments on the Review of Environmental Factors will be reviewed and responded to in a submissions report. The report will be made available on the project web page.

Contact us

You can contact the team to ask questions or provide your feedback on:

 1800 581 595 (during business hours)

 sydneyharbourbridgeprojects@rms.nsw.gov.au

 Sydney Harbour Bridge – AMU
PO Box 609
Pyrmont NSW 2009



Sydney Harbour



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 Transport for NSW on 1800 581 595.

Arabic

إذا كنتم بحاجة إلى مترجم، الرجاء الاتصال بخدمة الترجمة الخطية والشفهية (TIS National) على الرقم **131 450**، على الرقم **1800 581 595** والطلب منهم الاتصال بوكالتكم

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 581 595 聯絡 Transport for NSW

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 581 595 联系 Transport for NSW

Greek

Αν χρειάζεστε διερμηνέα, παρακαλείστε να τηλεφωνήσετε στην Υπηρεσία Μετάφρασης και Διερμηνείας (Εθνική Υπηρεσία TIS) στο **131 450** και ζητήστε να τηλεφωνήσουν Transport for NSW στο 1800 581 595.

Italian

Se desiderate l'assistenza di un interprete, prego telefonare al Servizio Interpreti e Traduttori (TIS National) al **131 450** chiedendo di contattare Transport for NSW al 1800 581 595.

Korean

통역사가 필요하시면 번역통역서비스 (TIS National)에 **131 450** 으로 연락하여 이들에게 1800 581 595 번으로 Transport for NSW 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 Transport for NSW qua số 1800 581 595.



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