

Acknowledgement of Country

Transport for NSW acknowledges the traditional custodians of the land on which we work and live.

We pay our respects to Elders past and present and celebrate the diversity of Aboriginal people and their ongoing cultures and connections to the lands and waters of NSW.

Many of the transport routes we use today – from rail lines, to roads, to water crossings – follow the traditional Songlines, trade routes and ceremonial paths in Country that our nation's First Peoples followed for tens of thousands of years.

Transport for NSW is committed to honouring Aboriginal peoples' cultural and spiritual connections to the lands, waters and seas and their rich contribution to society.

1. Why is Transport for NSW carrying out maintenance work on Gasworks Bridge?

It is the responsibility of Transport for NSW to maintain Gasworks Bridge at Macarthur Street, Parramatta.

Gasworks Bridge was constructed between 1878 and 1885 and is one of only 41 lattice girder bridges built throughout New South Wales and Victoria. Transport for NSW carried out bridge maintenance (cleaning) and investigation works in March and April 2022. Investigation work identified that remediation repairs were needed for the structural steel elements of the bridge.

2. What work will Transport for NSW be completing on Gasworks Bridge?

Bridge remediation work activities will include:

- installation of a fully enclosed scaffolding system
- removal of existing old (lead) paint and application of new protective paint

- cleaning of the bridge drainage infrastructure
- concrete and steel repairs to prevent future damage
- rectification of the bridge timber planks
- replacement of damaged bridge railing
- removal of graffiti
- minor trimming of mangroves to enable the erection of scaffolding.

3. What are the key benefits of the project?

Iron lattice maintenance work will prevent future damage to the bridge. Steel remediation work coupled with removal of old (lead) paint, bridge timber plank and bridge railing repairs will provide a safer bridge environment for motorists, buses, ferries, pedestrians and cyclists.

4. How long will the work take to complete?

Weather permitting the work will take approximately five months to complete.

5. When will the work be carried out?

Work will commence at the end of July 2023 and take approximately five months to complete, weather permitting.

Most of the work will be carried out during the day between **Monday** and **Friday, 7am to 6pm** and **Saturday, 8am to 1pm**.

We will, however, also need to carry out night work for:

- **12 weekends** between **Friday, 8pm** and **Monday, 5am** over the duration of the project
- **10 night shifts** at the beginning and end of the project, between **Sunday** and **Friday, 8pm to 5am**, to establish the work site.

The dates for the **first two weekends** are:

- Friday 18 August, 8pm – Sunday 20 August, 5am
- Friday 25 August, 8pm – Mandy 28 August, 5am (the permanent northbound closure will be in place following this)

This will involve both northbound and southbound detours including the closure of the pedestrian footpath on the bridge.

A further community update, with more information on the work schedule, will be provided in July before we commence work.

If you would like to receive project updates direct to your email please contact our delivery partner, contact our delivery partner, Fulton Hogan by email: info.river@fultonhogan.com.au or phone: 1800 568 981.

6. How will the work impact traffic?

To safely carry out the bridge repairs, traffic changes and detours will be in place during the work. Some traffic changes will be temporary, and others will be permanent for the duration of the project.

Macarthur Street northbound bridge lane closure

The Macarthur Street northbound lane over Gasworks Bridge will be permanently closed for the duration of the project.

Northbound traffic will need to detour via:

- George Street, Alfred Street, River Road West, James Ruse Drive, Thomas Street/Victoria Road and then back onto Macarthur Street or.
- Harris Street, Parkes Street/Hassall Street, James Ruse Drive, Thomas Street/Victoria Road and then back onto Macarthur Street.

Gasworks Bridge closures

Gasworks Bridge will be temporarily closed to all traffic (including pedestrians and cyclists) for up to **12 weekends** between **Friday, 8pm** and **Monday, 5am**.

Northbound traffic will detour as advised above.

Southbound traffic will need to detour via:

- Victoria Road, Wilde Avenue and back onto George Street.

We will make information available on the project webpage as soon as the weekend bridge closure dates become known. You can also visit <https://transportnsw.info> to better plan your trips while we complete the work.

Please allow an additional 5-10 minutes of travel time when planning your private or public transport trips.

7. Why can't both lanes of Gasworks Bridge be kept open during the works?

Structural load assessments were conducted to analyse the strength of the bridge under various load cases. Assessments found that the additional weight of the scaffolding required to enable project works would not allow the bridge to maintain the weight of two live lanes, in addition to the deadweight of the scaffolding. This assessment therefore required that one of the two bridge lanes would have to be closed permanently for the duration of the project work.

Assessments furthermore found that the one live lane during construction must also be centrally placed on the bridge deck whilst the scaffolding is in situ on the bridge.

Traffic modelling identified that closing the Macarthur Street northbound lane over Gasworks Bridge impacted traffic to a lesser degree than if the southbound lane, which was found to have a higher traffic volume, was closed.

8. What mitigation measures are in place to control traffic?

Notification of all road closures will be displayed on variable message signage boards at least 5 days before any traffic changes come into effect.

Reduced speed limits and traffic control will be in place to manage traffic. Please keep to speed limits and follow the direction of traffic controllers and signs.

For the latest traffic updates, you can call **132 701**, visit livetraffic.com or download the Live Traffic NSW App.

We will update the project webpage as new information, including scheduled weekend shutdowns dates, becomes known.

Community members can subscribe to project updates by email. Please contact our delivery partner, Fulton Hogan, by email: info.river@fultonhogan.com.au or phone: 1800 568 981 and request to be added to the project's e-distribution list.

9. Will there be any bus impacts?

There will be bus route changes during our work. You can visit <https://transportnsw.info> to better plan your trips while we complete the work.

The permanent closure of the Macarthur Street northbound lane over Gasworks Bridge for the duration of the project and temporary closure of Gasworks Bridge to all traffic (including pedestrians and cyclists) for up to **12 weekends** will impact the following public bus routes:

- 545 Parramatta to Macquarie Park
- 900 Parramatta Ferry Wharf

The following school buses will be impacted:

- 575w
- 716w
- 721w
- S427
- 717w
- S423
- 60F3

Transport for NSW has consulted with impacted bus operators and local schools.

We will make information available on the project webpage as soon as the weekend bridge closure dates become known. You can also visit <https://transportnsw.info> to better plan your trips while we complete the work.

Please allow an additional 5-10 minutes of travel time when planning your private or public transport trips.

10. What detours will be place?

The below map outlines the detours that will be in place from:

A. Macarthur Street northbound bridge lane closure for the duration of the project

Northbound traffic will need to detour via:

- George Street, Alfred Street, River Road West, James Ruse Drive, Thomas Street/Victoria Road and then back onto Macarthur Street or.
- Harris Street, Parkes Street/Hassall Street, James Ruse Drive, Thomas Street/Victoria Road and then back onto Macarthur Street.

B. Gasworks Bridge temporary weekend closures

Gasworks Bridge will be temporarily closed to all traffic (including pedestrians and cyclists) for up to **12 weekends** between **Friday, 8pm** and **Monday, 5am**.

Northbound traffic will detour as advised above.

Southbound traffic will need to detour via:

- Victoria Road, Wilde Avenue and back onto George Street.



KEY — Northbound vehicle detour — Alternative northbound detour
— Southbound vehicle detour

11. Will there be any ferry impacts?

There will be ferry changes during our works. Ferry changes will occur due to waterway closures required when there will be reduced clearances under this bridge due to some of our work activities. This will include when we are installing and dismantling the scaffolding system at the start and end of the project and during periods when we are working directly underneath the bridge.

The following ferry route will be impacted:

- F3 Parramatta to Circular Quay

Transport for NSW has consulted with ferry providers.

We will make information available on the project webpage as soon as the weekend bridge closure dates become known. You can also visit <https://transportnsw.info> to better plan your trips while we complete the work.

Please allow an additional 5-10 minutes of travel time when planning your private or public transport trips.

12. Will there be any pedestrian impacts?

There will be pedestrian impacts during the work.

A. Pedestrian walkway on Gasworks Bridge closed during weekend bridge closures

The pedestrian walkway on Gasworks Bridge will be temporarily closed during the **12 weekends of bridge closures**.

During the weekend bridge closures pedestrians will need to detour via Charles Street Weir or Alfred Street Bridge (which is expected to open in August 2023).

The walkway will be open at all other times during construction. Traffic controllers will be on hand to assist pedestrians crossing the bridge during this time.

Please allow an additional 10 minutes of travel time when planning your walking trips.

If you would like to receive email updates on scheduled weekend shutdowns dates, as they become known, please contact our delivery partner, Fulton Hogan, by email: info.river@fultonhogan.com.au or phone: 1800 568 981 and request to be added to the project's e-distribution list.

B. Relocation of zebra crossing on Macarthur Street north of Gasworks Bridge

During the works the zebra crossing on Macarthur Street immediately north of Gasworks Bridge will be temporarily relocated approximately 50m north of the existing location.

Pedestrian access to the pathway under the bridge will be maintained during normal construction operations. There will be minor interruptions during erection and dismantle of scaffolding to the underside of the bridge structure with both the northern and southern abutment pedestrian underpasses under the bridge remaining in place.

13. Will there be any cyclist impacts?

Cyclist access will only be impacted during weekend bridge closures. During the weekend bridge closures cyclists will need to detour via Charles Street Weir or Alfred Street Bridge (which is expected to open in August 2023). Cyclist will also be required to dismount before crossing the bridge due to a reduced path from the scaffold required to carry out the works.

Cyclist access to the shared pathway under the bridge will be maintained during normal construction operations, with both the northern and southern abutment shared pathway and underpasses under the bridge remaining in place. Access to Parramatta Valley Cycleway will be maintained at all times. There will be minor interruptions during erection and dismantle of scaffolding to the underside of the bridge structure.

14. Will there be any impacts to Rangihou Reserve?

A site compound will be established at Rangihou Reserve on Macarthur Street to the north of the bridge for the duration of the project. The site compound will be used for the storage of equipment and construction materials and for staff amenities.

The site compound will be used during both day and night work hours.

The use of the reserve will not impact any Tree Protection Zones.

The use of the reserve will impact approximately 12 car parking spaces adjacent to Rangihou Reserve, with the parking spaces temporarily converted to construction vehicle parking for the duration of the project.

We have consulted with City of Parramatta Council regarding the project and thank them for approving the temporary use of council land for the duration of the project works.



KEY	Location of work zone	Site compound	Equipment laydown area
	Northbound vehicle detour	Construction vehicle parking	Minor mangrove trimming
	Southbound vehicle detour	Alternative northbound detour	

15. Will there be any parking impacts?

Yes, approximately 12 parking spaces adjacent to Rangihou Reserve on Macarthur Street will be temporarily converted to construction vehicle parking during the project works.

Signage will be installed prior to start of work informing motorists of the temporary parking change.

16. Will there be any environmental impacts?

To assist with scaffolding installation, minor trimming of 13 mangroves will be required to achieve the below clearance:

- 0.5m from edge of bridge.
- 1.6m from underside of bridge.

17. How will construction impact me?

The impact to residential areas is expected to be low, due to the distance between the work area and nearby properties.

Most of the work will be carried out during the day between Monday and Friday, 7am to 6pm and Saturday, 8am to 1pm with additional night work for:

- 12 weekends between Friday, 8pm and Monday, 5am over the duration of the project
- 10 night shifts at the beginning and end of the project, between Sunday and Friday, 8pm to 5am, to establish the work site.

Some of the work may be noisy, however we will make every effort to minimise noise impacts by:

- using noise blankets around our work zone while we are completing noisier work
- using quieter equipment where possible
- turning off equipment and vehicles when they are not in use
- continually monitoring our construction noise levels.

Day impacts:

The noisiest activities expected to be carried out during the day are our site establishment and demobilisation works at the beginning and end of the project.

Night impacts:

The night work is expected to be low impact and we will finish the noisiest activities before midnight.

18. What other works are happening in the area?

There are several other active transport projects in development or construction in the Gasworks Bridge area. This includes Alfred Street Bridge, which is expected to be completed in August 2023 and the Alfred Street Cycleway Integration project which is expected to be completed shortly to provide a dedicated two-directional cycleway between George Street and Noller Parade. Both projects will supplement the Parramatta Light Rail stage one active transport link which opened in May 2023.

19. How can I receive more regular project updates?

We will make information available on the project webpage as soon more up to date information, such as the weekend bridge closure dates, become known. You can also visit <https://transportnsw.info> to better plan your trips while we complete the work.

If you would like to receive projects updates via email please contact our delivery partner, Fulton Hogan, by email: info.river@fultonhogan.com.au or phone: 1800 568 981 and request to be added to the project's e-distribution list.

20.How do I provide feedback?

If you have any questions, or concerns, about the project or the work schedule, please contact our delivery partner, Fulton Hogan, by email: info.river@fultonhogan.com.au or phone: 1800 568 981.

We thank you for your patience while we complete this important bridge maintenance work.