



Transport for NSW

Camp Street Bridge

Completion | July 2020



The new Camp Street Bridge over Lake Forbes

The NSW Government has replaced the Camp Street Bridge over Lake Forbes to improve safety for all road users.

The \$12.8 million project involved building a new bridge with wider lanes, wider shoulders and pedestrian and cycle paths.

The old Camp Street Bridge was built in 1927 and was in poor condition due to age.

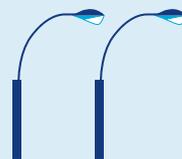
A new bridge was needed to meet current design standards and improve safety for motorists and pedestrians into the future.

The new bridge provides a safer and more efficient crossing over Lake Forbes.

Quick facts:



1925 tonnes
of concrete



Eight lamp
posts



215 tonnes
of steel reinforcement



70 LED
downlights
in hand rail



4570 pavers

Building the new Camp Street Bridge



August 2019

- The bridge was closed to traffic on Sunday 25 August 2019
- Work started on Monday 26 August 2019

September 2019

- The heritage light posts were removed
- The old bridge was demolished

October 2019

- Piles were installed
- Abutments were constructed



November 2019

- Precast pier skirts were installed
- Headstock reinforcement cages were placed

December 2019

- Headstocks were constructed and the rock platform removed from the lake
- Bridge planks arrived and grout pads were constructed

January 2020

- The bridge planks were installed



February 2020

- The precast parapet units arrived
- The heritage interpretation area started to be constructed
- First concrete was poured on the deck

March 2020

- The parapets were installed
- Deck and footpaths were poured

April 2020

- Approach slabs and barriers were constructed
- Road work started on Bridge Street



May 2020

- Light posts installed on the new bridge
- Final concrete pour

June 2020

- Road work started on Camp Street
- Pavers were installed on the bridge footpaths

July 2020

- Bridge work complete on 2 July. Final stage of construction included laying the asphalt surface, installing line marking and landscaping
- The bridge opens to traffic on 27 July 2020

About the project

The new Camp Street Bridge is a 70 metre long bridge located across Lake Forbes.

The NSW Government provided \$12.8 million for planning, design and construction, which also included upgrading the road approaches on Camp Street and Bridge Street.

The new bridge has been designed to provide an iconic structure for the Forbes community as a place making project.

The contract for the project was awarded to Abergeldie Contractors Ptd Ltd. Construction of the road approaches and landscaping was carried out by Forbes Shire Council on behalf of Transport for NSW.



The footpaths around the bridge being constructed

Construction facts

Eighteen concrete piles provide the foundation for the bridge deck and piers.

The piles were installed using a pile driving rig. Piles were driven into the lake about 21 metres below water level.

The lower section of the bridge was then built, which included six reinforced concrete piers and two abutments.

The lower section of the bridge supports the seven spans of bridge planks and the deck.

All up there are 133 bridge planks, which were pre-cast in Newcastle.

Project Benefits

- Improved road user safety through wider travel lanes, improved road approaches and pedestrian/cyclist paths across the new bridge
- Improved connections for pedestrians and cyclists between both sides of Lake Forbes
- Reduced ongoing maintenance costs
- Improved environmental outcomes by managing stormwater runoff from the road into Lake Forbes
- Retaining the heritage lamp posts in the landscape design on the approach to the bridge, to reference the past and link the bridge to the heritage aesthetic of the town

The aim of the urban design and landscaping plan was to create an iconic structure for the Forbes community

To do this we have retained the heritage lamp posts in the landscape design on the approach to the bridge, to reference the past and link the bridge to the heritage aesthetic of the town.

The landscaping also includes palm trees, which are a feature in the surrounding parks of Forbes, and a heritage area has been created which gives residents and visitors a chance to find out about the old bridge.



The new Camp Street Bridge at night



New pathways
for active transport



Improving
safety



Working with local
communities



New bridge

History of the Camp Street Bridge

In the early 1920s, the Forbes township had expanded to the south side of the lake. This expansion required a new bridge crossing that was suitable for both vehicles and pedestrians.

In 1927, the Old Camp Street Bridge, which was a nine-span concrete bridge with footpaths on either side, was built to meet this need.

The road surface was three and a half inches thick concrete which was painted red (a new innovation at the time).

The bridge lighting was electric with four double standard and four single standard lights, all with art deco features.

The bridge and its approaches were bordered by a strong ornamental fence.

On 24 January 1928 the Camp Street Bridge, was opened with the official switching on ceremony of the electric lighting taking place the same evening, followed by a banquet at the Town Hall.

In 2017, after nearly 100 years, Transport for NSW started planning the replacement of the bridge as a new bridge was needed to meet current design standards and improve safety for motorists and pedestrians into the future. The old bridge was demolished in September 2019.

During demolition of the old bridge, an old timber pile was recovered. This timber has now been treated and recreated into two seats in the heritage area using concrete cradles.

More about the history of the Camp Street Bridge can also be found on the interpretive signage located in the heritage area.



One of the seats in the heritage area that has been made from the old timber pile

We were committed to protecting the environment during the construction of the new bridge

Some of the key measures used to protect the environment included:

- Soil erosion and sediment controls including installation of silt booms upstream and downstream
- Noise, air and water quality monitoring during construction
- Waste management and recycling

We collaborated with Forbes Shire Council to reuse the heritage lights from the old bridge and we repurposed the temporary LED street lights at Iron Bridge and Red Bend Silo Level Crossing to improve vehicle safety.

We also crushed and graded approximately 1000 tonnes of concrete from the old bridge for Council to use as road base for their local road network.



Construction of the new Camp Street Bridge

Contact us

If you have any questions or would like more information please contact the project team on:

@ western.projects@rms.nsw.gov.au

 nswroads.work/forbesbridge

 1800 167 499



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