

# Murray Street Upgrade Stage 6

## Bridge Balustrade Treatments

We are interested in your feedback about the balustrade design.

**Upgrades to the existing balustrade to manage the potential of fall risk from the bridge.**

The below picture shows the existing 1.1m high bridge balustrade. The wide open spacing of the railings allows the ability to climb through the railings, or up over the balustrade.



To meet current standards and guidelines, the following minimum requirements need to be met:

- a. Railings spaced not more than 130mm apart.
- b. Use of vertical railings without climbing footholds.
- c. Minimum railing height of 1.3m for cyclist safety.

The proposed options below show possible treatments to the balustrade to address the requirements, and have also been developed in consideration of preserving the heritage elements of the bridge.

**Option One** – Involves fixing a steel mesh to the outer side of the existing balustrade. Although it addresses the potential of climbing through the railings, it doesn't prevent the ability to climb up and over the balustrade as the horizontal railings can still be used as footholds.



**Option Two** – Involves fixing clear durable sheeting to the inside of the existing balustrade. It addresses the potential of climbing through the railings, and the ability to climb up and over the balustrade as the horizontal railings cannot be used as footholds.



## Heritage Considerations

**Implementing bridge upgrades need to be sympathetic to the local character and heritage of the bridge, whilst still meeting the requirements of the bridge renewal objectives.**

The Gawler Bridge has significant heritage value to the Town of Gawler. Much of the existing structure remains today and is representative of the rich history that Gawler is founded on.

When undertaking the design for the bridge upgrades, elements are to remain aesthetically sympathetic to the heritage nature of the bridge and align with the existing balustrades and lamp posts as closely as reasonably practicable without impacting safety, reliability, performance, or durability.

If you would like to know more about the Gawler Bridge, visit: [http://www.gawler.sa.gov.au/webdata/resources/files/Gawler\\_Bridge\\_Web.pdf](http://www.gawler.sa.gov.au/webdata/resources/files/Gawler_Bridge_Web.pdf)

## What's Next

**Community feedback is being sought on the Murray Street Upgrade Stage 6 Project.**

Your feedback is really important to us and will be used to inform the design and assist Council in their overall decision making process. The period for feedback closes on 17 October 2016. We are committed to keeping you informed of the project's progress. The design is expected to be completed in November 2016 with construction anticipated to commence early 2017.

**More information about the final design and construction will be provided to you in the near future.**

## Community Information Sessions

The project team invites you to attend our community Information Session. The session is designed to provide information as well as seek your feedback on the project. Feel free to visit at any time during the session to speak to our project team.

### When

**Thursday 6 October from 7pm to 9pm**  
**Gawler Town Hall – 89 Murray Street, Gawler**

### How do I provide feedback?

The community is invited to provide feedback on the proposed concept design for the road and bridge using the Feedback Form, via Council's website or at the community information session.

Alternatively, to provide feedback on the project, please contact our project team via:

**Phone** | 08 8522 9211  
**Email** | [council@gawler.sa.gov.au](mailto:council@gawler.sa.gov.au)  
**Web site** | [www.gawler.sa.gov.au/murray-street-upgrade-stage-6](http://www.gawler.sa.gov.au/murray-street-upgrade-stage-6)

### Customer Service Contact Details

**89 Murray Street Gawler South Australia 5118**  
**Tel: 08 8522 9211 | Email: [council@gawler.sa.gov.au](mailto:council@gawler.sa.gov.au)**

# Murray Street Upgrade Stage 6

## Project Background

In 2003 The Town of Gawler adopted a Town Centre Master Plan. As part of this Masterplan, Council committed to improving the amenity and road safety in the street resulting in the Murray Street Upgrade Project.

The \$2.5 million Murray Street Upgrade Stage 6 Project is a key component of Council's Community Plan & Town Centre Urban Design Framework for creating a safe and efficient transport network in the main street of Gawler.

The project will also improve freight transport and promoting regional economic development by improving amenity and accessibility of the town centre and business precinct.

To date, Council has carried out 5 of the planned 6 stages of the Murray Street Upgrade Project.

Stage 6 of the project will take place from the Murray Street South Intersection to the Tenth/Seventh Street Intersection. A detailed concept plan is shown on the next page.

A key component to the project is the upgrade and rehabilitation of the Gawler Bridge over the South Para River. Council, in partnership with the Australian Government have committed \$1.32 million in funding towards key upgrades and remediation works to the bridge, and address some of the key safety and maintenance issues.



## Project Goal & Objectives

**The ultimate goal of the project is to promote regional economic development by improving amenity and accessibility to the Town Centre precinct by creating a main street that meets the following objectives:**

- Safer and more efficient traffic, pedestrian and cycling environment.
- Upgrade and rehabilitation to the Gawler Bridge to meet future growth of the Town Centre.
- Improve various modes of transport with the aim of discouraging freight through the Town Centre.
- Provide a character entry statement into the Gawler Town Centre.
- Landscaping incorporating water sensitive urban design features.



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## Key Features of the Project

The Project will generally follow the same lane configurations and turning movements.

The key features include:

- Upgrading the 3 intersections along Murray Street - Tenth/Seventh Street, Julian Terrace and Murray Street South.
- Formal pedestrian crossing facilities for safe crossing at the intersections and across Murray Street.
- On-road dedicated cycling lanes (where space permits).
- Raised medians to separate traffic movements and new line marking and signage.
- Reconstruction of footpaths & road pavement, and upgrades to streetlighting and landscaping including low level plants, shrubs and trees (similar to previous stages).



## Gawler Bridge Upgrade

When significant investment in road and bridge infrastructure occurs, such as that for the Gawler Bridge, elements of the bridge structure should be upgraded to meet current standards and guidelines to ensure continuous usability and safety, as well as extend the asset's life.

The Australian Government through the Bridges Renewal Programme has committed to upgrading deteriorating bridges across the nation to improve productivity and community access.



The Town of Gawler was recently successful in securing \$0.66 million in funding from the Australian Government as a contribution towards the upgrade and rehabilitation of the Bridge, with Council committing a further \$0.66 million (a total of \$1.32 million).

The objectives of the bridge upgrade and rehabilitation are to:

- Enable the bridge to be safe, functional, and support the existing and growing road freight and traffic movement into Gawler and the region.
- Improve safety for pedestrians, cyclists and traffic on the bridge.

The bridge upgrade and rehabilitation works generally include:

- Refurbishment of the bridge structures including strengthening of existing elements (where required), and upgrading of the road and footpaths.
- Scour protection works along the embankments under the bridge.
- Lighting upgrades, safety barrier installation, footpath balustrade treatments and restoration work.



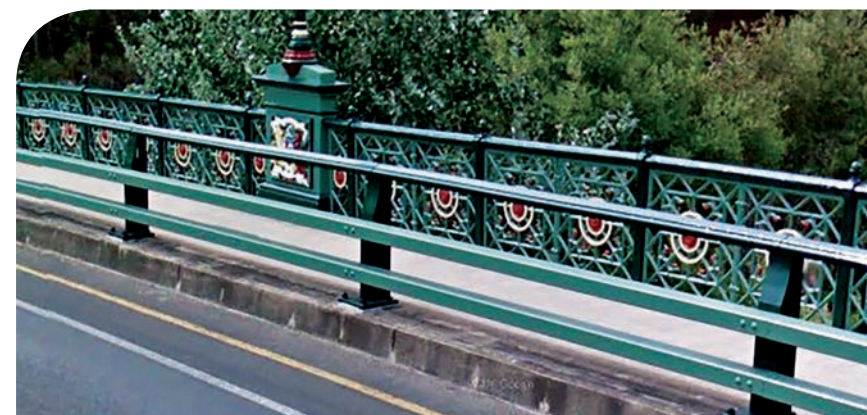
## Design & Environmental Guidelines

In addition to providing a safer and functional transport system, the project will add character and amenity to the area.

The following design guidelines will be adopted:

- Produce a functional and well-designed road layout consistent with previous stages.
- Create a safe and positive travel experience for traffic, pedestrians and cyclists, and an environment that maintains good access to surrounding areas.
- Reinforce the character of the local area.
- Achieve environmental sustainability through design and implement streetscape opportunities (landscaping and paved areas) where possible.

The Town of Gawler is committed to best environmental management practice. An Environmental Impact Assessment (EIA) will be undertaken to better understand how the project integrates within the existing environment. This will be achieved through assessing the potential impacts the project will have on flora and fauna, noise and vibration, air quality, soils and water, and heritage. The outcomes of the EIA will be used to help shape the design and ensure the appropriate management strategies are in place during construction.



A key element of the bridge upgrade and remediation work is safety for traffic, pedestrians and cyclists who use the bridge daily. Road-side crash barriers are being considered for installation on both sides of the road to contain the potential for a vehicle crash on the bridge or protect the pedestrians on the bridge from an errant vehicle.