

Burrill Lake Bridge Community Update



Transport
Roads & Maritime
Services



Indicative view of the proposed new bridge from Balmoral Road looking south one year after construction.

Burrill Lake Bridge

Roads and Maritime Services has developed a preferred option for the future Burrill Lake crossing on the A1 Princes Highway at Burrill Lake.

Background

Burrill Lake is approximately four kilometres south of Ulladulla on the A1 Princes Highway, which is the key transport corridor on the NSW south coast.

The A1 Princes Highway crosses Burrill Lake on a causeway 150 metres long and a low-level bridge 55 metres long. The bridge is safe to carry traffic but is deteriorating and will need either upgrading or replacing in the near future.

Roads and Maritime has been investigating various options for the future of the crossing.

Preferred option

Based on a range of technical, economic and social investigations and community considerations, Roads and Maritime has developed a preferred option.

Key features of the preferred option:

- A 290 metre long bridge spanning the lake on a new alignment to the east of the existing bridge.
- Roundabouts on either side of the crossing to connect the A1 Princes Highway to local roads.

- A pedestrian and cycle path on the new bridge, connecting to new paths on both sides and linking to the Ulladulla cycle path.
- Pedestrian paths underneath both ends of the new bridge. There would be a total of five locations where pedestrians can safely cross the highway.
- The new bridge and highway would be higher than the future 1 in 100 year flood level and reduce the impact of flooding.
- Complete removal of the existing causeway and bridge.

Community consultation to date

In May and June of 2012 Roads and Maritime consulted local residents to understand community issues and values in relation to the crossing.

In November 2012 surveys of business operators and shoppers were conducted.

In the first half of 2013 Roads and Maritime determined its favoured option was to replace the existing bridge immediately to the east with a new, higher bridge.

During May and June 2013 Roads and Maritime sought community feedback on the design of its then favoured option in the following ways:

- Through private meetings and conversations with directly affected residential and business landowners and tenants.
- By a community update issued to more than 5,000 addresses.
- In emails, telephone calls and written submissions from the wider community.
- During two public community information sessions at the Burrill Lake Community Hall.
- Through advertisements in the Milton-Ulladulla Times.
- On the Roads and Maritime Services website.

Since mid 2013 Roads and Maritime has been further improving the design taking into account feedback received from the community.

Roads and Maritime has worked hard to accommodate community driven suggestions and incorporate these into the preferred option, where possible.

What you told us and how we have responded:

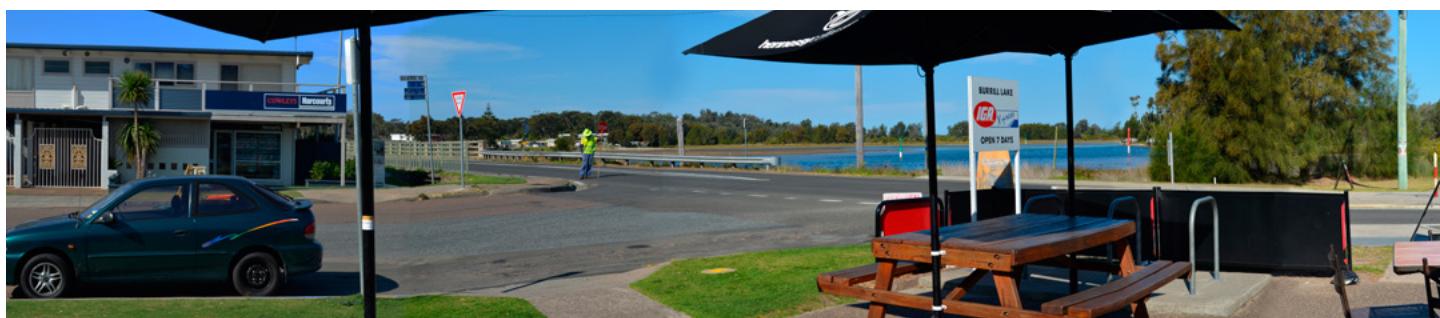
The major issues raised during this consultation were:

- Concerns about local street access and parking arrangements.
- Improving pedestrian access arrangements.
- Local amenity issues to reduce the impact on businesses.
- The need for good urban design and landscaping.
- Questions about likely noise impacts and mitigation measures.

Your concerns	How Roads and Maritime has changed the proposal	The improvement
Local street access and parking arrangements.	A roundabout has been incorporated on the north of the lake, near the intersection of the A1 Princes Highway, McDonald Parade and Princess Avenue South.	<ul style="list-style-type: none"> • Allows easier access from the highway to businesses on the north side of the lake. • Removes the need to connect Princess Avenue North with McDonald Parade. • Provides safe access to McDonald Parade and Princess Avenue South. • Creates a “gateway effect” for traffic approaching Burrill Lake from Ulladulla. • Will encourage drivers to slow down travelling through Burrill Lake. • Provides an additional pedestrian crossing point, one of five highway crossing points.
Local amenities and reducing the impact on businesses.	Plans for the design of the public spaces to the north and south of the lake have been developed by urban designers and landscape architects.	<ul style="list-style-type: none"> • Retains Burrill Lake as a desirable place for passing traffic to stop and use local businesses. • Creates safe and accessible village centres. • Makes good use of the old highway to provide a recreational opportunity. • Maintains and improves access to the public parks and the lake foreshore.
The need for good urban design and landscaping.	The plan includes planting grasses, trees and shrubs, as well as public chairs and tables. The area that is currently the southern A1 Princes Highway approach to the bridge will be transformed into a public space with picnic tables and a fishing platform.	

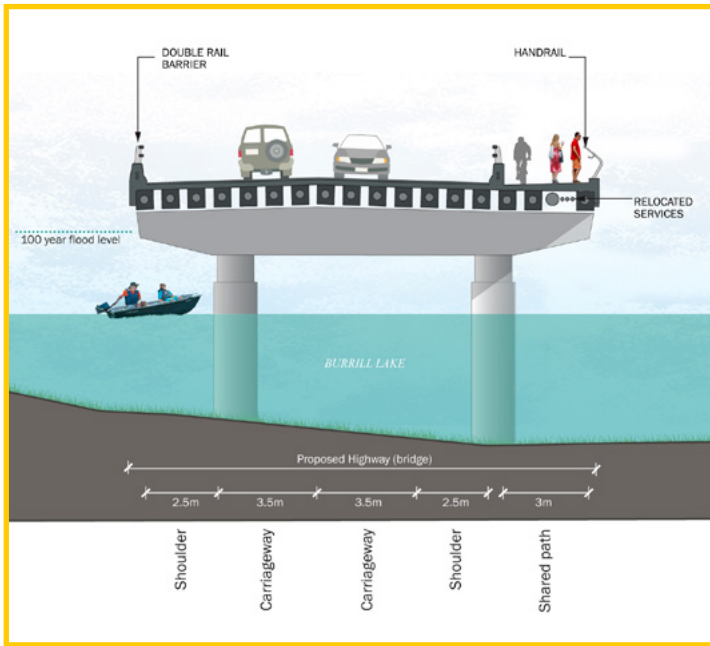
Your concerns	How Roads and Maritime has changed the proposal	The improvement
<p>The need for good urban design and landscaping.</p>	<p>Roads and Maritime has adjusted the proposed bridge design, increasing the length of each span and reducing the number of concrete columns, called piers, needed in the lake to support the bridge.</p> <p>The length of each span of the bridge has been increased from 14 to 18 metres, reducing the sets of piers from 20 to 16.</p> <p>The number of piers at the end of each span has been reduced from three to two in each set.</p>	<ul style="list-style-type: none"> • The total number of concrete piers supporting the bridge has been reduced from 60 to 32. • The new bridge will be visible from public spaces in Burrill Lake, including the shopping precincts on both sides, Lions Park and the immediate lake foreshores. Looking at the bridge from these 'skewed' locations the bridge will appear more slender, improving its appearance. • Having fewer piers in the lake will also have hydraulic and environmental benefits.
<p>Pedestrian access arrangements.</p>	<p>Pedestrian paths have been provided under the bridge on both sides of the lake. Three other pedestrian crossing points over the highway have been provided at each roundabout and another between the northern roundabout and the bridge. A shared pedestrian cycle path has been included along the full length of the project, including over the bridge. This will connect with Shoalhaven City Council's Ulladulla cycle path.</p>	<ul style="list-style-type: none"> • Provides safe and convenient access: <ul style="list-style-type: none"> – Between the north and south sides of Burrill Lake and in both directions under and over the highway. – Between the foreshore, shopping precinct, Lions Park and the relocated public toilets. – Between the northern shopping precinct and the northern foreshore. – To the four new bus stops.
<p>Concerns about local street access and parking arrangements.</p> <p>Local amenity issues to reduce the impact on businesses.</p>	<p>Parking has been incorporated into the proposal, on both the north and south sides of the bridge on the existing A1 Princes Highway alignment. This will become a local road.</p>	<ul style="list-style-type: none"> • An equal or greater number of parking spots will be available to ensure local businesses can be easily accessed by passing motorists, residents and tourists.
<p>Potential noise impacts.</p>	<p>Roads and Maritime is currently preparing an assessment of the predicted noise impacts of the proposal.</p>	<ul style="list-style-type: none"> • The noise assessment will predict changes in noise levels and indicate whether Roads and Maritime should consider noise mitigation measures. The noise assessment will be displayed for public comment as part of the environmental assessment.
<p>The need to retain bus stops.</p>	<p>Four bus stops have been included in the design.</p>	<ul style="list-style-type: none"> • Four new dedicated bus bays will improve access to bus services on both sides of the lake in both directions.

Preferred option – Burrill Lake Bridge



Indicative view from Balmoral Road shopping precinct before (top) and one year after construction of the proposed bridge (bottom).



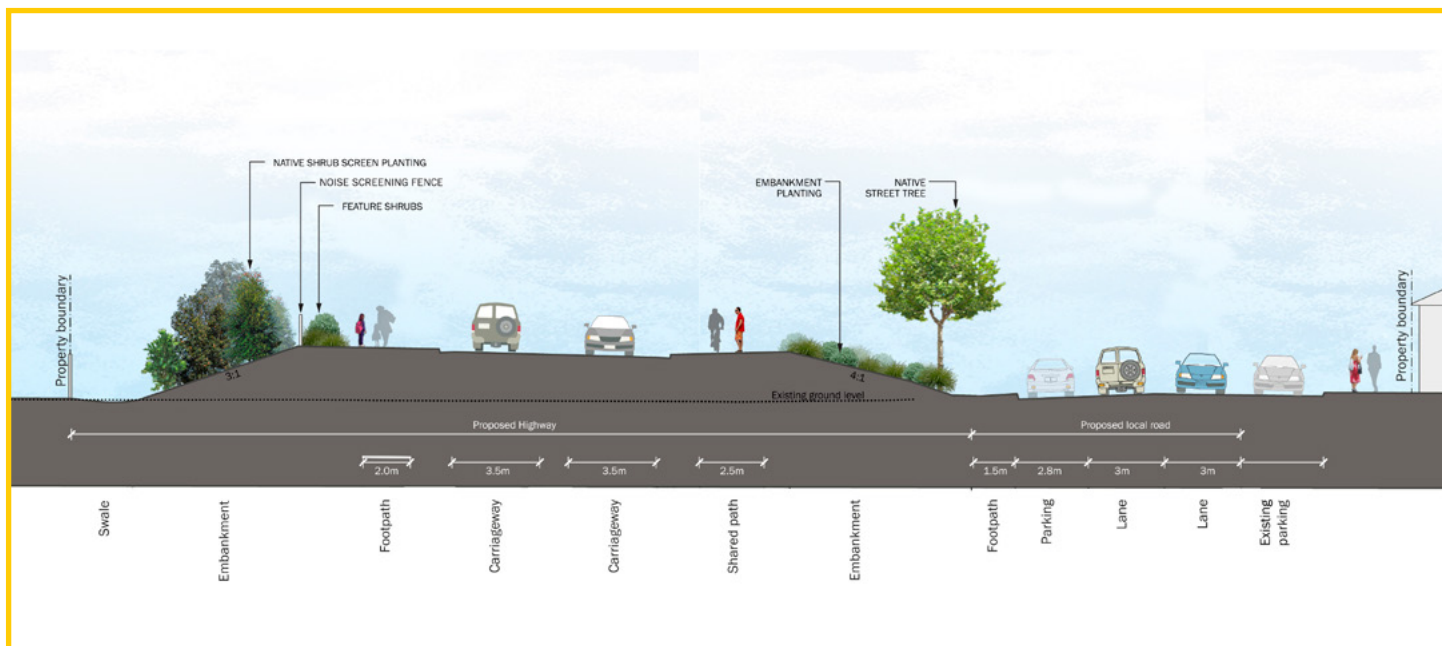


Indicative cross section of the new bridge in the lake channel.



Proposed stairs connecting the shared path along the highway and existing retail areas.





Indicative cross section of the proposed road.





Indicative view from northside shops towards the lake before (top) and one year after construction of the proposed bridge (bottom).





Indicative view of the proposed new bridge from the existing fishing platform to the east located in Burrill Lake Lions Park, one year after construction.

Drop in session

If you would like to know more about the preferred option the project team will be available to discuss the project in more detail at

Burrill Lake Community Hall

Corner Commonwealth and Princess Avenue,
Burrill Lake
Wednesday 11 December 2013
4pm – 8pm

A formal presentation will not be given so community members are invited to attend the session at a convenient time.

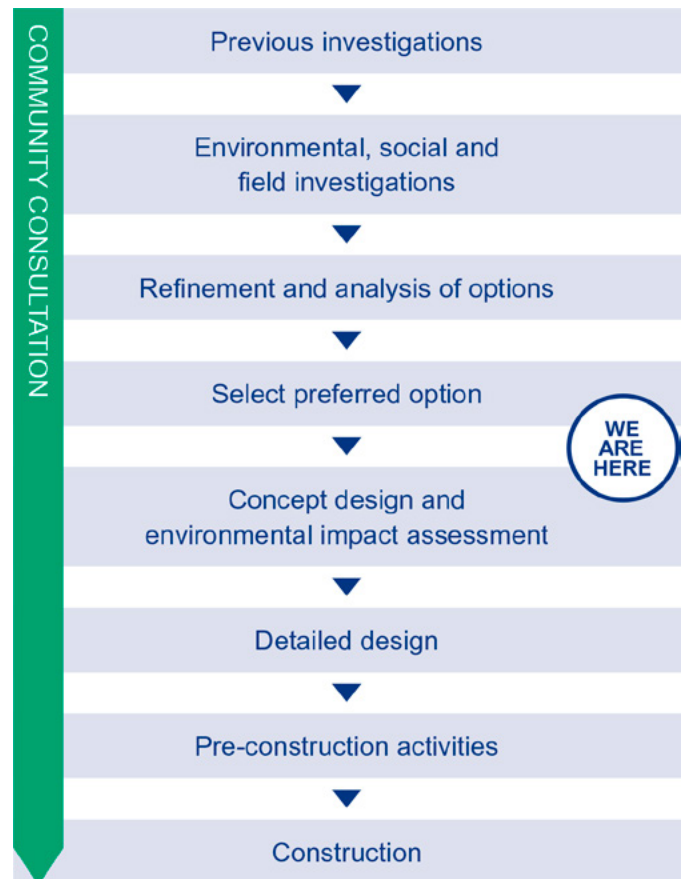
Display location

Burrill Lake Newsagency and Post Office

117 Princes Highway Burrill Lake

Next steps

Roads and Maritime will continue to consult with stakeholders as the project develops. Roads and Maritime is now finalising the concept design and an environmental assessment of the proposal. The assessment will examine the predicted impact of the project on the physical, social and ecological environment. It will be displayed for community comment and feedback early in 2014.



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For more information

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