

# Burrill Lake Bridge

Princes Highway



**Transport**  
Roads & Maritime  
Services

**COMMUNITY UPDATE**

**MAY 2012**

Roads and Maritime Services (RMS) is currently planning for the future of Burrill Lake crossing.



## Burrill Lake Bridge

Roads and Maritime Services (RMS) is investigating options for the future of the bridge over Burrill Lake on the Princes Highway south of Ulladulla.

The bridge is a key link on this south-east transport route. It is expected that the bridge will require either replacement or significant maintenance in the next 10 years to retain its functionality.

RMS has not yet made a decision on whether replacement or maintenance is the preferred future option.

View of Burrill Lake Bridge looking south down the Princes Highway



## Burrill Lake Bridge under construction in 1958



## Condition of existing bridge

The Princes Highway crossing of Burrill Lake, built in 1958, is a 205 metre long combination of a causeway and bridge. The causeway is 150 metres long and the bridge is 55 metres long.

The bridge is supported by concrete columns, called piles, that were driven into the bed of the lake. These bridge piles have deteriorated due to a weakening of the concrete caused by the curing process used when they were manufactured in the 1950's.

RMS undertakes regular maintenance inspections of the bridge and its approaches to ensure the structural integrity of the bridge which remains safe for traffic.

However this structural issue has caused RMS to investigate options for the future of the bridge.

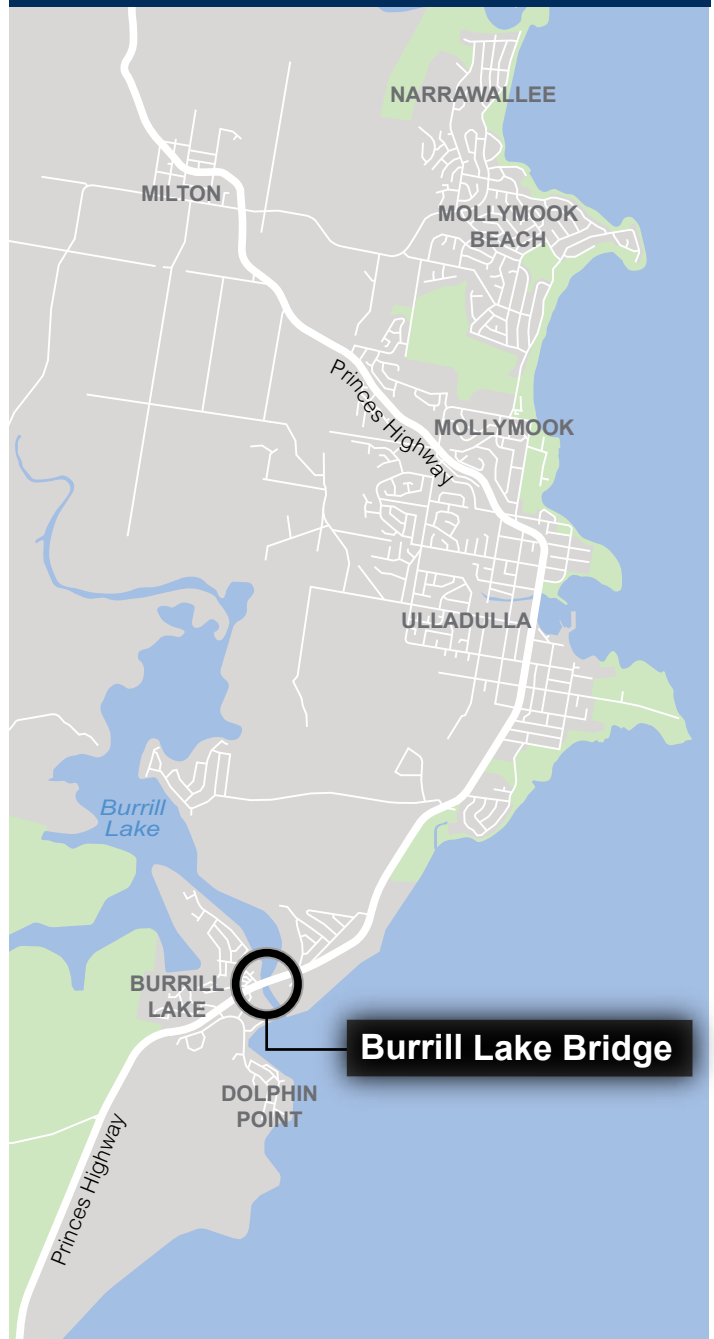
## Previous investigations

In 2010 RMS undertook a high level review of the future of Burrill Lake bridge. This review examined engineering issues related to:

- Reinforcing the deteriorating concrete columns.
- Adding new, additional concrete columns.
- Replacing the 55 metre bridge between the causeway and the southern bank of the lake.
- Building a new 200 metre long bridge on a new alignment.

The *Strategic Concept and Options Study Burrill Lake Bridge* report outlines how these options were identified, the major constraints and the potential impacts of each option.

## Location map



This report is available on the project website for information:

**[www.rta.nsw.gov.au/constructionmaintenance/majorconstructionprojectsregional/southcoast/burrilllake](http://www.rta.nsw.gov.au/constructionmaintenance/majorconstructionprojectsregional/southcoast/burrilllake)**

While this report provides valuable background for the current investigations and future planning, RMS recognises there are other issues (including issues for residents, business operators and motorists) that need to be considered before a plan for the future of the bridge is decided upon.



## Current investigations

RMS is currently undertaking technical investigations including:

1. Surveying the existing bridge, highway approaches and landforms.
2. Drilling to obtain geotechnical information about ground conditions around the bridge and highway approaches.
3. Flood and hydraulic modelling of the bridge and lake.
4. Investigating flora and fauna in the area around the existing bridge and highway approaches.
5. Building a picture of the local community that includes business, tourism, social, pedestrian and other community considerations.

RMS recognises the importance of addressing social, ecological, engineering and cost factors while planning for the future of the bridge as a key part of the regional transport network

A preferred way forward has not been selected at this stage.

Any preferred option, either major maintenance or a new bridge, will be developed by RMS in detail taking into consideration the factors listed above.

The preferred option will then be displayed by RMS for further comments and refinement.

### Views of Burrill Lake Bridge





## Have your say

RMS is interested in understanding issues related to the bridge that are important to the community.

Submissions are welcome and should be sent by close of business **Friday 8 June 2012** to the RMS project development manager, Adam Berry:

**Mail:** RMS Southern Regional Office,  
PO Box 477, Wollongong NSW 2520

**Email:** adam.berry@rms.nsw.gov.au

**Phone:** 02 4221 2586 (during business hours)

## Display locations

### Shoalhaven City Council

36 Bridge Street, Nowra  
Monday to Friday from 9am to 5pm

### Burrill Lake

Burrill Lake Newsagency and Post Office  
117 Princes Highway Burrill Lake

### Ulladulla

Ulladulla Library  
Ulladulla Civic Centre Building, Princes Highway  
Monday to Friday from 10am to 6pm  
Saturday 9am to 2pm

## Drop in sessions

The project team will be available to discuss the issues in more detail.

### Ulladulla Civic Centre Building meeting room

Princes Highway  
Ulladulla  
Tuesday 22 May 4pm to 8pm  
Saturday 2 June 10am to 1pm

## For further enquiries

### Adam Berry, Project Development Manager

**Phone:** 02 4221 2586 (during business hours)

**Fax:** 02 4221 2590

**Mail:** RMS Southern Regional Office, PO Box 477, Wollongong NSW 2520  
Level 6, 90 Crown Street, Wollongong, NSW 2500

**Information:** 13 22 12

**Website:** [www.rms.nsw.gov.au](http://www.rms.nsw.gov.au)

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