Mona Vale Road upgrade options – your comments invited

Between McCarrs Creek Road, Terrey Hills and Powder Works Road, Ingleside

Mona Vale Road from McCarrs Creek Road, Terrey Hills to Powder Works Road, Ingleside is 3.3 kilometres in length, suffers traffic congestion in peak periods and requires upgrading to increase carrying capacity and reduce travel times.

Roads and Maritime Services (RMS) is proposing to upgrade this section of Mona Vale Road to a four lane divided road. Three feasible route options have been developed. Your comments and feedback on these options are invited until Friday 7 December 2012.

Background

Mona Vale Road is a key element of the transport network serving the Northern Beaches and northern suburbs of Sydney. In 2009, RMS prepared the Mona Vale to Macquarie Park Corridor Strategy, which set out a 25-year framework for the management of the corridor. One of the short term priorities identified in the corridor strategy was to address current congestion and enhance the capacity and efficiency of the section of Mona Vale Road between Terrey Hills and Ingleside.

Planning for the proposed upgrade of Mona Vale Road between Terrey Hills and Ingleside commenced in mid-2011. It has involved preliminary survey, design feasibility studies, environmental investigations and community/stakeholder discussions which have all helped to develop the options.

Project objectives

- Improve traffic capacity and efficiency for road users.
- Improve road safety by providing a four lane divided carriageway.
- Provide for a minimum design speed of 80 kilometres per hour.
- Minimise impacts on national parks, threatened species and heritage sites.
- Provide on-road cycle facilities and an off-road shared path, where appropriate.
- Investigate provision for buses.

Current status

Following community discussions, a preferred option will be identified in the first half of 2013.


Have your say!
Options for the Mona Vale Road upgrade

**KEY**
- Option 1
- Option 2
- Option 3
- Proposed upgrade common for all options
- Traffic lights
- National park
- Existing road
- Topographical constraint
- Geotechnical constraint
- Duffy’s Forest
- Ecological Community
- Grevillea caleyi

**Proposed upgrade common to all options**

**Option 1 – Existing corridor (four lanes using the existing alignment)**

**Opportunities**
- Mainly follows the existing road corridor.
- Minimises impacts on public utilities and private property.

**Risks**
- High geotechnical constraints (rock overhangs and loose boulders) east of Kimbriki Road, which may complicate construction.
- Requires construction under traffic, which would require close management of safety issues and potential delays for road users and workers.
- Potentially has an impact on national park land.

**Closeup of option 1**

- Area of high geotechnical constraint
- Topographical constraint
Option 2 – Northern alignment (four lanes using a new alignment north of Mona Vale Road)

**Opportunities**
- Avoids the geotechnical constraints east of Kimbriki Road.
- Allows part of the upgrade to be constructed off-line, with associated safety and constructability benefits.

**Risks**
- Building a new road to the north of Mona Vale Road will affect bushland and have an impact on Ku-ring-gai Chase National Park.
- Has the most impact on public utilities and services.
Option 3 – Split carriageway (two lanes using the existing road and two lanes using a new alignment north of Mona Vale Road)

**Opportunities**
- Allows the road to fit more readily into the existing topography.
- Allows part of the upgrade to be constructed off-line, with associated safety and constructability benefits.
- Avoids most of the geotechnical constraints east of Kimbriki Road.

**Risks**
- It would divide the vegetation and create an additional barrier for wildlife movement, and impacts on bushland and the national park.
- Greater construction and maintenance costs.
- Results in the need for an additional road corridor to cater for the split carriageway.
Route options
The development of route options has involved a number of inputs, including field investigations, engineering design, community discussions and technical workshops. This has resulted in three options:

- Option 1: Existing corridor.
- Option 2: Northern alignment.
- Option 3: Split carriageway.

All options generally follow the existing alignment of Mona Vale Road. The key difference relates to the way the options travel around a key topographical constraint within the corridor.

Design refinements
The three route options are based on designs compiled by RMS. These designs show a generic or typical arrangement for the upgrade, and will be further refined following the selection of a preferred option. The design will then progress through the concept and detail design stages. Opportunities to reduce the road footprint will be identified to minimise the potential impacts to threatened ecological communities and national park land. Some of these measures could include a reduced design speed, retaining walls, viaducts and/or various landscape treatments.

Selection of a preferred option
The preferred option will need to provide a balance across technical, environmental and social issues to meet the project objectives, taking costs and community concerns into consideration.

The selection of the preferred option will be based on community and stakeholder comments on the route options, the findings of current and further investigations, and the outcomes of a value management workshop.

The value management workshop is one of several inputs to help decide a preferred route and includes participants from the local community, government agencies and councils, as well as various technical representatives. Nominations for community representatives for the value management process will be invited in early 2013.

Options Report
An options report provides more detail of the project and why the upgrade is required.

The options report is on the project website www.rms.nsw.gov.au/roadprojects. It will also be displayed at several locations (please see the back page).
Have your say

All comments will be considered when selecting the preferred option. RMS will continue to liaise with the community throughout the project.

Community information session
RMS values your views about this project and will host a community information session on **Saturday 17 November 2012**.
RMS project team members will be available to answer questions and receive feedback. A formal presentation will not be given, so please feel free to drop in at anytime during the information session:

**Terrey Hills Seniors and Youth Centre**
Yulong Road, Terrey Hills
Saturday 17 November 2012
Between 10am and 2pm

Public display locations
The preliminary concept design options and detailed options report will be on display until **Friday 7 December 2012** at the following locations:

**Mona Vale Library**
Park Street, Mona Vale
Monday to Friday 10am to 6pm
Saturday 10am to 2pm
Sunday 1pm to 5pm

**Centro Warriewood**
12 Jacksons Road, Warriewood
Thursday 15 November
Between 3pm and 7pm

Shopping centre display
RMS will host two shopping centre displays where you can drop by and speak to the project team at the following times:

**Belrose Supa Centa**
Corner Forest Way and Mona Vale Road, Belrose
Thursday 8 November
Between 3pm and 7pm

**Centro Warriewood**
12 Jacksons Road, Warriewood
Thursday 15 November
Between 3pm and 7pm

Your written comments
Please send written comments by **Friday 7 December 2012**
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Mail:
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