Update on Mona Vale Road Upgrades

1 July 2015
1. Overview of both Mona Vale Road Projects

2. Mona Vale Road East REF

3. Mona Vale West - Key Issues and Progress
Start Video
Mona Vale Road Upgrades
Mona Vale Road East
- Key Features

3m shoulder both sides

Existing vegetation retained as far as possible

Utility relocations to Lane Cove Road corridor

Sandstone cutting

Revegetated earth embankment

Drainage discharge to existing channel
Mona Vale Road East
- Key Features
Mona Vale Road East
- Key Features
Mona Vale Road East
- Ponderosa/Samuel St Intersection
• Draft REF for MVRE being finalised now
• Some Key issues
Biodiversity

- *Microtis angusii* – avoided through re-design
- Fauna connectivity  - Narrabeen Creek culvert
  - Rope crossing
- Native vegetation removal – no threatened ecological communities impacted (State or Commonwealth). No Duffys Forest impacted
Heritage

- Aboriginal heritage
  - 3 sites identified within 200m
  - No direct impacts
  - Exclusion zones to be established

- Historic heritage
  - Cemetery Gates
  - No direct impacts
  - Vibration monitoring
Traffic

- Same consultant used as for Ingleside land release planning
- Modelling for “do nothing”, MVR east only upgrade, MVR east and west upgrade
- 2014 base year, 2019, 2021, 2031, 2036 modelled
## Review of Environmental Factors - Mona Vale Road East

### Travel Time Between Pittwater Rd and McCarrs Ck Rd

<table>
<thead>
<tr>
<th></th>
<th>2036 AM Do Nothing</th>
<th>2036 AM EAST</th>
<th>2036 AM FULL</th>
<th>2036 AM WEST</th>
</tr>
</thead>
<tbody>
<tr>
<td>95th</td>
<td>26:34.00</td>
<td>11:08.88</td>
<td>10:48.09</td>
<td>21:25.13</td>
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<tr>
<td>Max</td>
<td>35:08.50</td>
<td>13:30.00</td>
<td>12:48.00</td>
<td>26:06.00</td>
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<tr>
<td>Median</td>
<td>18:39.90</td>
<td>09:26.05</td>
<td>08:54.50</td>
<td>14:15.05</td>
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<tr>
<td>Min</td>
<td>11:16.70</td>
<td>07:29.10</td>
<td>07:04.60</td>
<td>08:49.90</td>
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<tr>
<td>5th</td>
<td>13:15.07</td>
<td>08:06.75</td>
<td>07:41.63</td>
<td>10:49.44</td>
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</tbody>
</table>

**Figure 5-2**  
2036 AM Westbound Travel Time Range  
Source: AECOM, 2014
Noise

• Assessments for build and no build scenarios (MVR east and MVR west)
• Properties identified for noise treatment if no mitigation
• Possible mitigation measures:
  • Quieter pavement
  • Noise barriers
  • At property architectural treatments
Review of Environmental Factors - Mona Vale Road East

INDICATIVE NOISE BARRIER LOCATION
## Milestones - East

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Expected date / timeframe</th>
</tr>
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<tbody>
<tr>
<td>100% concept design</td>
<td>Completed</td>
</tr>
<tr>
<td>REF display</td>
<td>Aug 2015</td>
</tr>
<tr>
<td>Environmental approval</td>
<td>Oct/ Nov 2015</td>
</tr>
<tr>
<td>Commence construction <em>(dependent on funding / procurement strategy)</em></td>
<td>2016/2017</td>
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Mona Vale Road West
Key Features
Early Concept Design
Fauna Overpass – Cross Section
Example of a Fauna Overpass
- Pacific Hwy, Bonville NSW
Project Status - West

- Concept Design 80% complete.
- Species Impact Statement – DGRs issued
- National Park Acquisition- OEH preparing Parliamentary Bill
- REF and SIS preparation commenced
## Milestones - West

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Expected date / timeframe</th>
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<tbody>
<tr>
<td>Display preliminary concept design</td>
<td>Completed</td>
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<tr>
<td>REF and SIS display</td>
<td>May 2016</td>
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<tr>
<td>Environmental approval</td>
<td>Aug 2016</td>
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<tr>
<td>National Park revocation</td>
<td>Parliamentary Bill prepared by OEH</td>
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<tr>
<td>Commence construction <em>(dependent on funding / procurement strategy)</em></td>
<td>2017/18</td>
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