

# Welcome



Transport  
Roads & Maritime  
Services

## NAMBUCCA HEADS TO URUNGA

Community information session  
Urunga  
27 August 2013



Looking south at the existing interchange with Waterfall Way

- Upgrading the Pacific Highway – Bob Higgins
- Project overview and project team – Jason Moran
- Environmental planning update – Jenny Butler
- Construction update and traffic management – Courtney Hoops
- Urban Design and Landscape Management – Jenny Butler
- Community information, consultation and involvement – Angela Peace
- Question and Answers – Angela Peace
- Individual discussion around project map stations – All

# Pacific Highway Update: Overview & priority

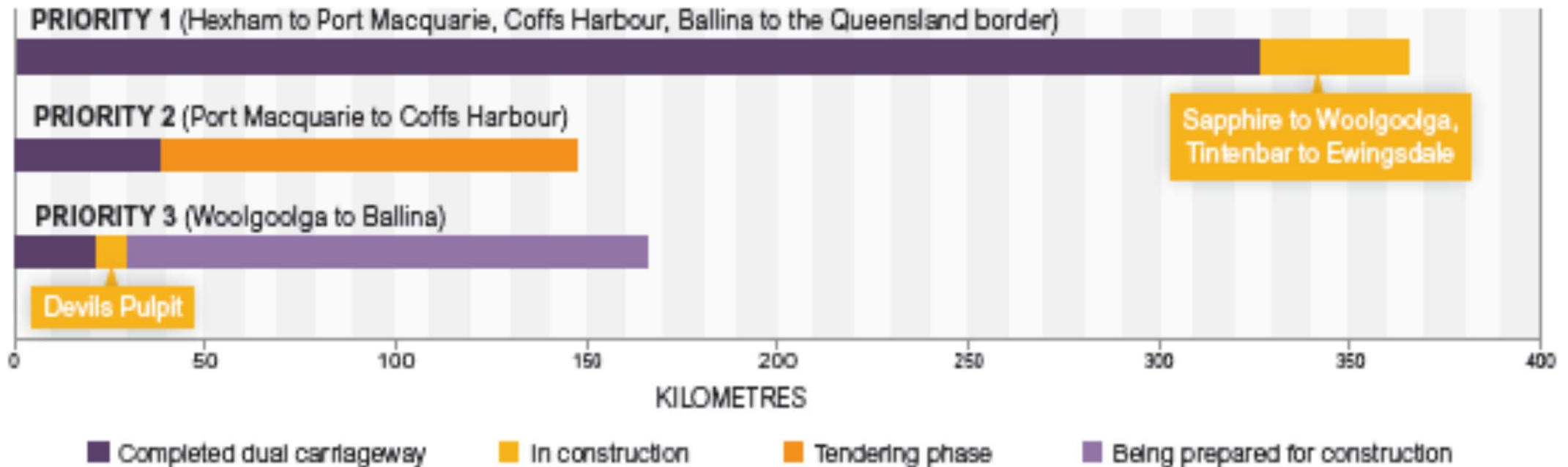
With another \$7.92 billion provided by govt's:

- 76% four lane divided highway
- 24% fully ready for construction
- Coffs Bypass & F3 to Raymond Terrace being preserved

## Four-lane divided road status

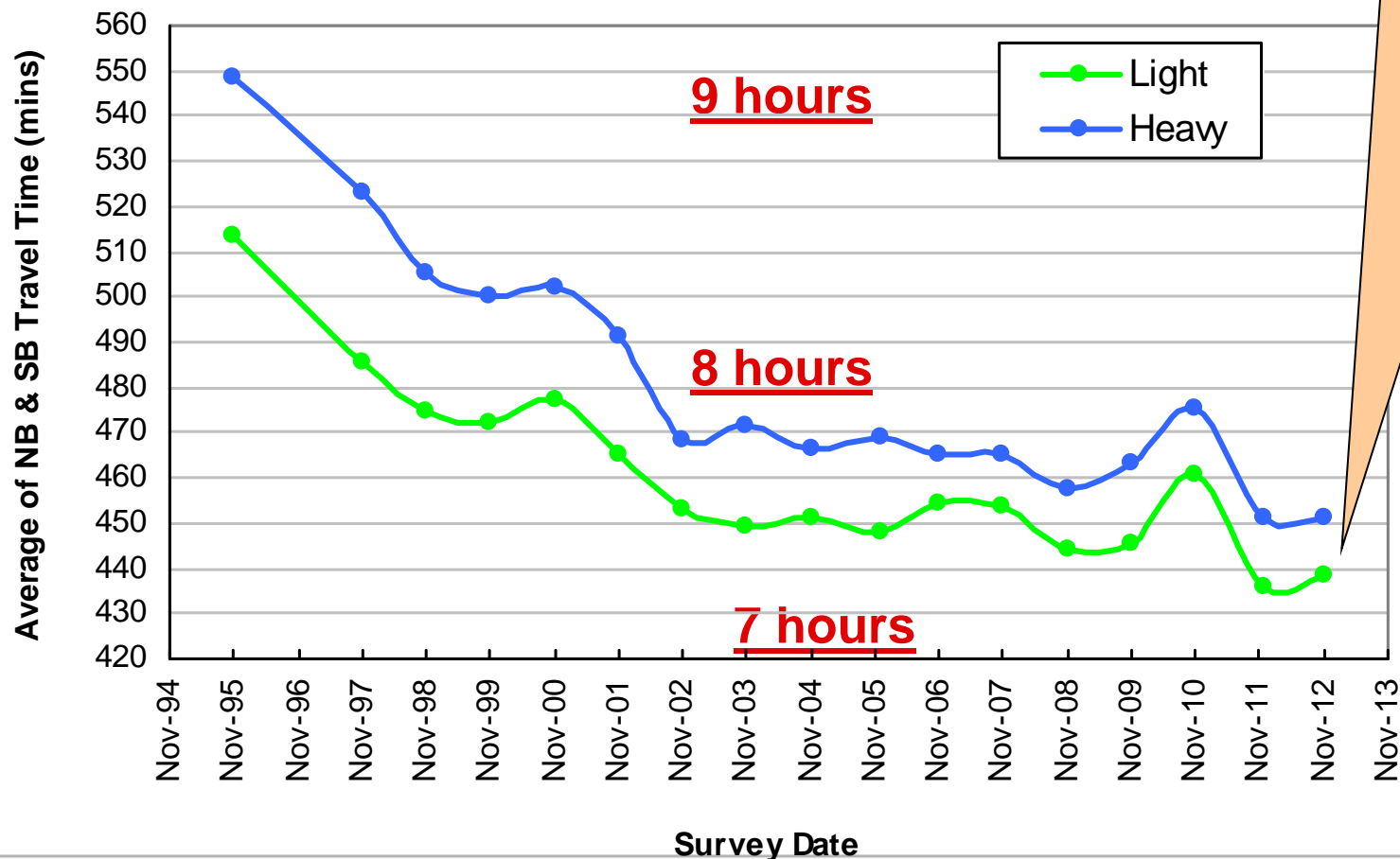
The graph below shows the status of completing highway priorities 1, 2 and 3.

### Four-lane divided road status



# Achievements to date: Travel time saving trends?

**Travel Time trends on the Pacific Highway,  
Hexham to Queensland border**  
*(adjusted for work site delays from Nov-97 onwards)*



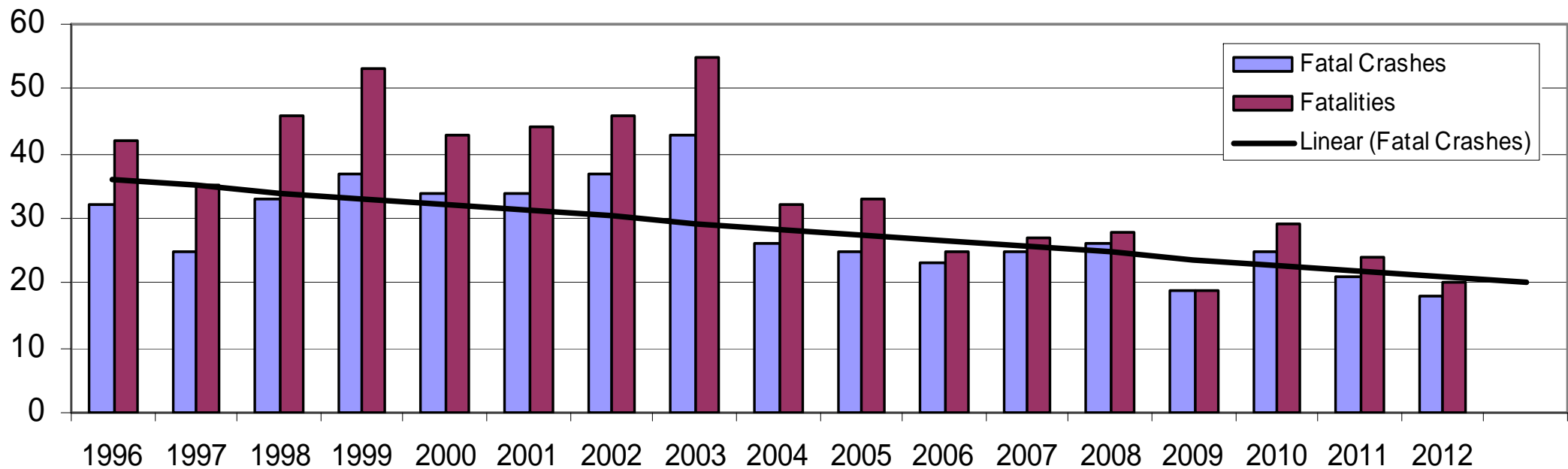
• Kempsey & Bulahdelah bypasses saving a further 10 to 20 mins approx.

# Achievements to date (cont'd) : Crash saving trends?



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**Fatal Crashes/Number Killed**  
Pacific Highway (Hexham to Queensland Border)



# Current Status of Priority 1 – Hexham to Port Macquarie, Raleigh to Woolgoolga, Ballina to Border



Sapphire to  
Woolgoolga  
upgrade (2012)

## Under Construction

### **Hexham to Port Macquarie**

Herons Creek to Stills Road (3 km)

### **Raleigh to Woolgoolga:**

Sapphire to Woolgoolga (25 km)

### **Ballina to Border:**

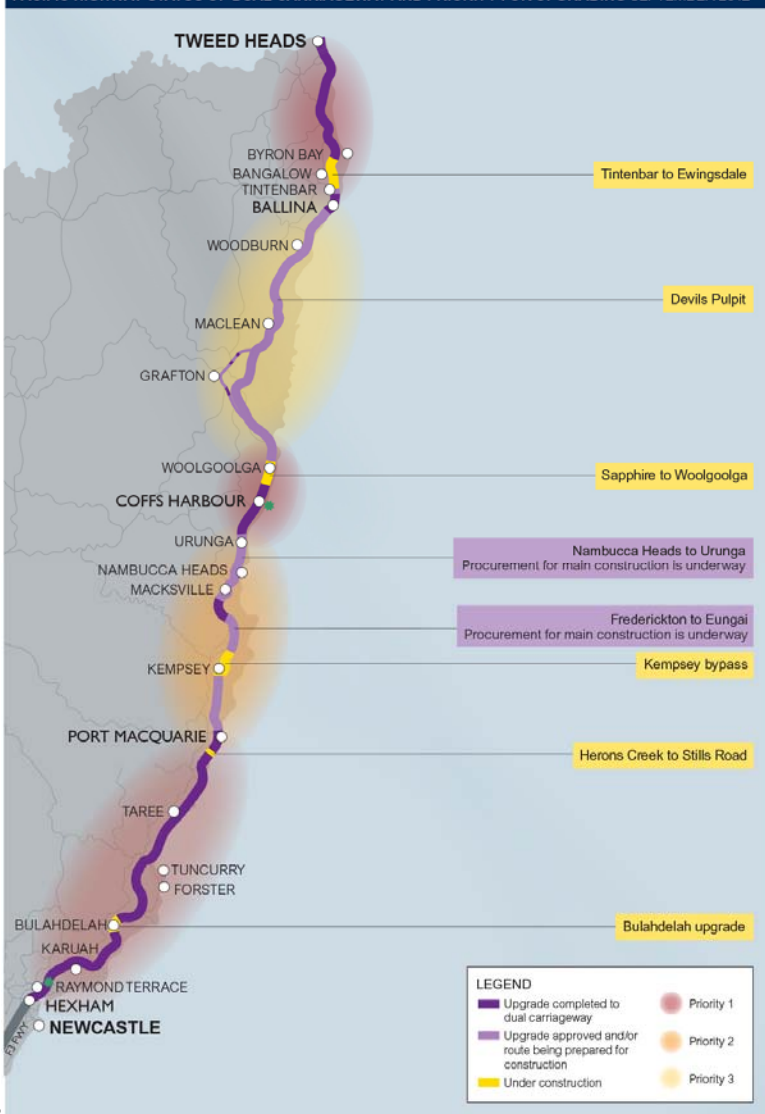
Tintenbar to Ewingsdale (17 km)

Tintenbar to  
Ewingsdale  
(2012)



# Current Status of Priority 2 – Port Macquarie to Raleigh

PACIFIC HIGHWAY STATUS OF DUAL CARRIAGEWAY AND PRIORITY FOR UPGRADING SEPTEMBER 2012



- **Recently open to traffic:**
  - Kempsey bypass (14km). Opened to traffic on 27 March 2013
- **105 km of upgrade remaining:**
  - **47 km being prepared for construction**
    - Frederickton to Eungai
    - Nambucca Heads to Urunga
  - **43 km procurement commenced**
    - Warrell Creek to Urunga (20km)
    - Oxley Highway to Kundabung (24km)
    - Kundabung to Kempsey (14 km)

# Current Status of Priority 3– Woolgoolga to Ballina

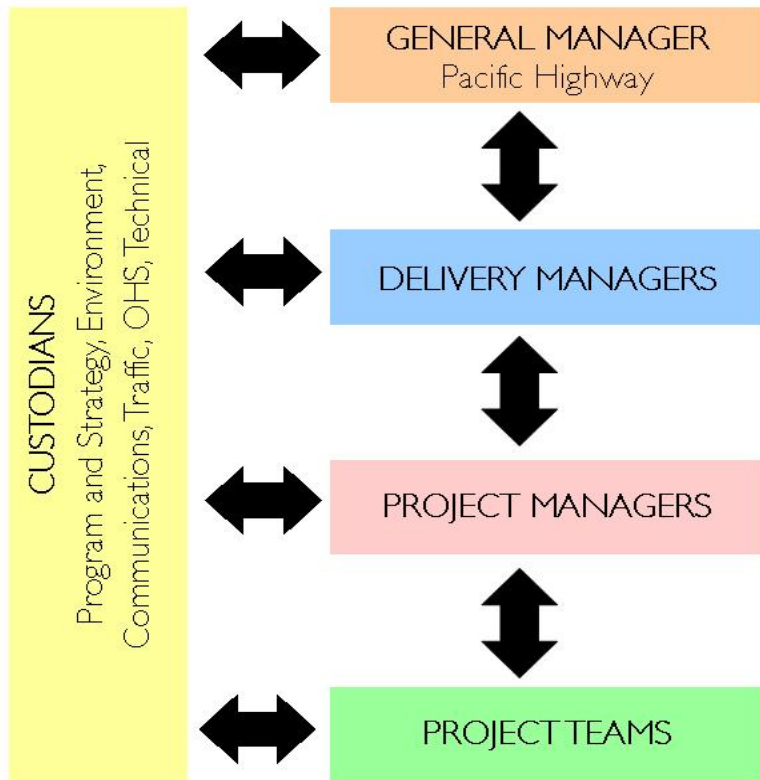


- **Under construction:**  
Devils Pulpit section (7 km).
- **155 km to be upgraded:**
  - **Planning:**  
Route and concept design finalised.  
Environmental impact statement displayed.  
Submissions/Project Infrastructure Report being prepared.
  - **Being readied for construction:**  
Owner initiated programmed acquisition underway.  
Geotechnical investigations underway.  
Detailed design for Arrawarra to Glenugie (31km) in progress.  
Delivery strategy investigations in progress including commencing time critical treatment of soft soils.



# Pacific Highway Office: Structure

## UPGRADING TEAM STRUCTURE



- **Offices:**

- main office in Grafton
- project offices in Grafton, Newcastle & along east coast of Australia

- **Nambucca Heads to Urunga upgrade project team:**

RMS's Senior Project Manager..... Shane Green  
(Contact Ph 88746914)

Contract type.....Design and construct

Contractor..... Lend Lease Engineering (Abigroup)

# Pacific Highway Upgrade: More information?

## Pacific Highway upgrade Monthly achievement report

DECEMBER 2011



Opening of the southbound carriageway on the Balina bypass on 20 December 2011

First heavy vehicle to cross the Three Road bridges following the traffic switch on the Balina bypass

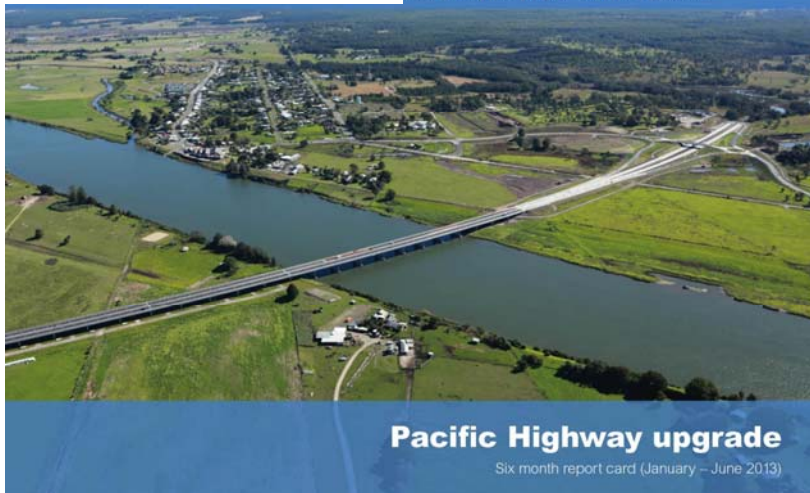
December 2011  
68 km of highway  
under construction  
1571 workers on site

For more information on the work we are doing go to the page

First traffic switch at Mannes Beach on the Sapphire to Wongabie upgrade

This achievement report will provide you with information about Pacific Highway upgrade projects, including the current status and key activities carried out on construction projects over the last month. As at 31 December 2011, 341 kilometres are completed dual carriageway, 68 kilometres are under construction, and about 128 kilometres are being prepared for construction. Planning is also being progressed on the remaining single carriageway sections of highway. About 51 per cent of the final highway length of 664 kilometres is now dual carriageway.

For detailed information about any of the projects, visit the project website at [www.nsw.gov.au/pacific](http://www.nsw.gov.au/pacific), or call the Pacific Highway office on 1800 633 093



## Pacific Highway Upgrade Program

- Website:  
[www.rms.nsw.gov.au/pacific](http://www.rms.nsw.gov.au/pacific)
  - Project updates
  - Monthly achievement report
  - Six monthly “report card”

Pacific Highway Office

**21 Prince Street, Grafton**

**Ph 6640 100**

The Warrell Creek to Urunga upgrade received project approval in 2011.

The 42 Kilometre long project is being delivered in two sections:

- The 20 kilometre section from Warrell Creek to Nambucca Heads
- The 22 Kilometre section from Nambucca Heads to Urunga

Lend Lease Engineering (formerly Abigroup Contractors) has been awarded the contract for the design and construction of the 22 kilometre section from Nambucca Heads to Urunga.

## Pacific Highway upgrade - Nambucca Heads to Urunga route of works



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### Key Features:

- Four lane divided carriageway.
- No direct property access to or from the highway.
- Grade separated interchanges at:
  - Waterfall Way at Raleigh.
  - Ballards Road, south of Urunga.
  - Nambucca Heads.
- A continuous local road between Raleigh and Nambucca Heads.
- A rest area for light and heavy vehicles at the Nambucca Heads interchange.

# Construction facts



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- 37 bridges including 14 twin highway bridges, 6 highway overpass bridges and 3 service road bridges.
- Numerous culverts for water, fish and fauna to pass safely across the upgraded highway.
- Emergency turn and median crossovers at about 2.5km intervals.
- Over 3.8 million cubic metres of earth will be moved on the project.
- Approximately 180,000 cubic metres of concrete pavements.



Typical construction

**Valla Road**  
New intersection via  
underpass to the existing  
highway

**Nambucca Heads interchange**  
including a rest area for light and  
heavy vehicles

Twin highway  
bridges over  
**Deep Creek**

**Twin highway  
bridges over  
Deep Creek**

**Deep Creek Road**  
New local road to be  
constructed to connect to  
East West Road

**Burkes Lane**  
new local access  
road to connect to  
East West Road

**East West Road**  
New intersection via  
over bridge to existing  
Pacific Highway

**Burkes Lane**  
new local access  
road to connect to  
East West Road

The image is an aerial photograph of a rural landscape with a mix of green fields and brownish-tan wooded areas. A thick black line represents a proposed road project, running horizontally across the middle of the frame. On the left side, a blue arrow points from a text box to a short segment of this road. On the right side, another blue arrow points from a text box to a more complex section of the road that includes a Y-junction and a full interchange. The background shows various land parcels, some with small buildings or structures, and a winding road or path visible in the lower right quadrant.

**Ballards Road**  
Full interchange and  
upgrade to intersection  
with existing Pacific  
Highway





Twin bridges over  
the **Kalang River**

**Martells Road**  
highway overpass  
bridge

**Access Road G**  
highway overpass  
bridge



**Short Cut Road**  
highway overpass  
bridge

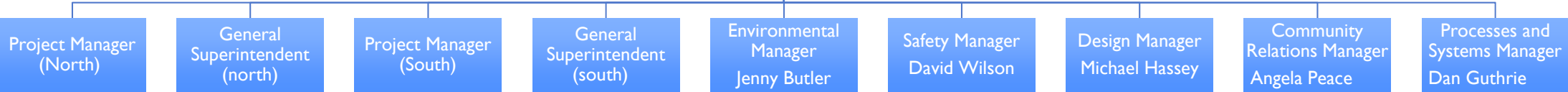
**Waterfall Way**  
interchange

# Our Team

Jason Moran  
Project Director

Courtney Hoops  
Deputy Project Director

- RMS Senior Project Manager:  
Shane Green
- Project Verifier: Hyder Consulting



- Best practice environmental management and community involvement.
  - Responsible and respected corporate member of this local community.
  - Ensure safety is a priority on our roads and for the community and staff.
  - A 'no-surprises' approach to delivering timely and relevant communications.
  - Work proactively with all levels of government, regulatory agencies, RMS and community stakeholders.
  - Ensure we inform, listen to and respond to the reasonable needs of the local community.
-

## Construction hours

- Approved construction hours 7am to 6pm, Monday to Friday and 8am to 1pm on Saturdays.
- Through sparsely populated areas in which sensitive receptors are located greater than 300 metres away from the project boundary construction is permissible during 6am to 6pm Monday to Friday and 7am to 4pm Saturdays.
- No work on Sundays or public holidays.

## Noise, dust, water quality and vibration

- Management plans to minimise impacts.
  - Plans approved by the Department of Planning and available to the public.
  - Regular monitoring and reporting to regulatory authorities.
-

## Traffic

- Increased construction traffic.
- Traffic control and temporary diversions.
- Property accesses maintained.
- Approvals through relevant authorities.

**If you have concerns, enquiries, complaints or compliments about the management of construction impacts call the project team directly using the community information line.**

## **Construction Environmental Management Plan (CEMP)**

- All construction activities will be undertaken under a detailed Construction Environmental Management Plan (the Plan).
- This Plan has been developed in accordance with the project requirements and in consultation with the relevant agencies and is now waiting approval from Department of Planning and Infrastructure.
- Awaiting final approval.

The Plan includes:

- Determination of site compound locations.
- Control of traffic management across the project.
- Execution of construction works.
- Environmental management throughout the delivery of the project.

## Other documents still awaiting approvals include:

- Environmental Protection Licence – waiting approval
- Sustainability Environment Water Population and Communities (SEWPaC) referral – waiting approval.

## Staff training

- Environmental requirements.
- Best–practice.

## Consultation

- Community.
- Agencies.
- Stakeholders.



Recent fauna relocations on site



# Environmental update – next box installation



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Installing nest boxes



Environmental monitoring

# Construction update – early work



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Since planning approval was received and the contract was awarded, early work has been undertaken including:

- Detailed design.
- Survey investigations.
- Detailed geotechnical investigations completed on the Kalang and Deep Creek Rivers.
- Geotechnical investigation for design, acid sulphate soils and landscaping.
- Survey and fencing of sensitive areas.
- Extensive survey outside of boundary.
- Service location works and utility relocations.
- Nest box installation.
- Microbat monitoring.
- Demolition of some houses.
- Additional environmental assessments outside the approved boundary.



Drilling on the Kalang, July 2013

# Upcoming construction activities



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Planned activities over the next quarter (September to December 2013) include:

- Survey work.
- Geotechnical investigations.
- Ecological/environmental preparation.
- Boundary fence installation.
- Continue property demolition work.
- Clearing (if approvals have been gained).
- Implementation of traffic management changes including intersection improvements for construction access.
- Establishment of site compounds and ancillary facilities.
- Utility work.
- Threatened flora translocation works and microbat roost exclusion.

# Main site compound – Ballards Road, Valla

- Site compound will be at Ballards Road, adjacent to the project alignment.
- Will host a Community Display centre - expected to be open to the public in later this year.
- Includes improvement work to Ballards Road.



August 2013

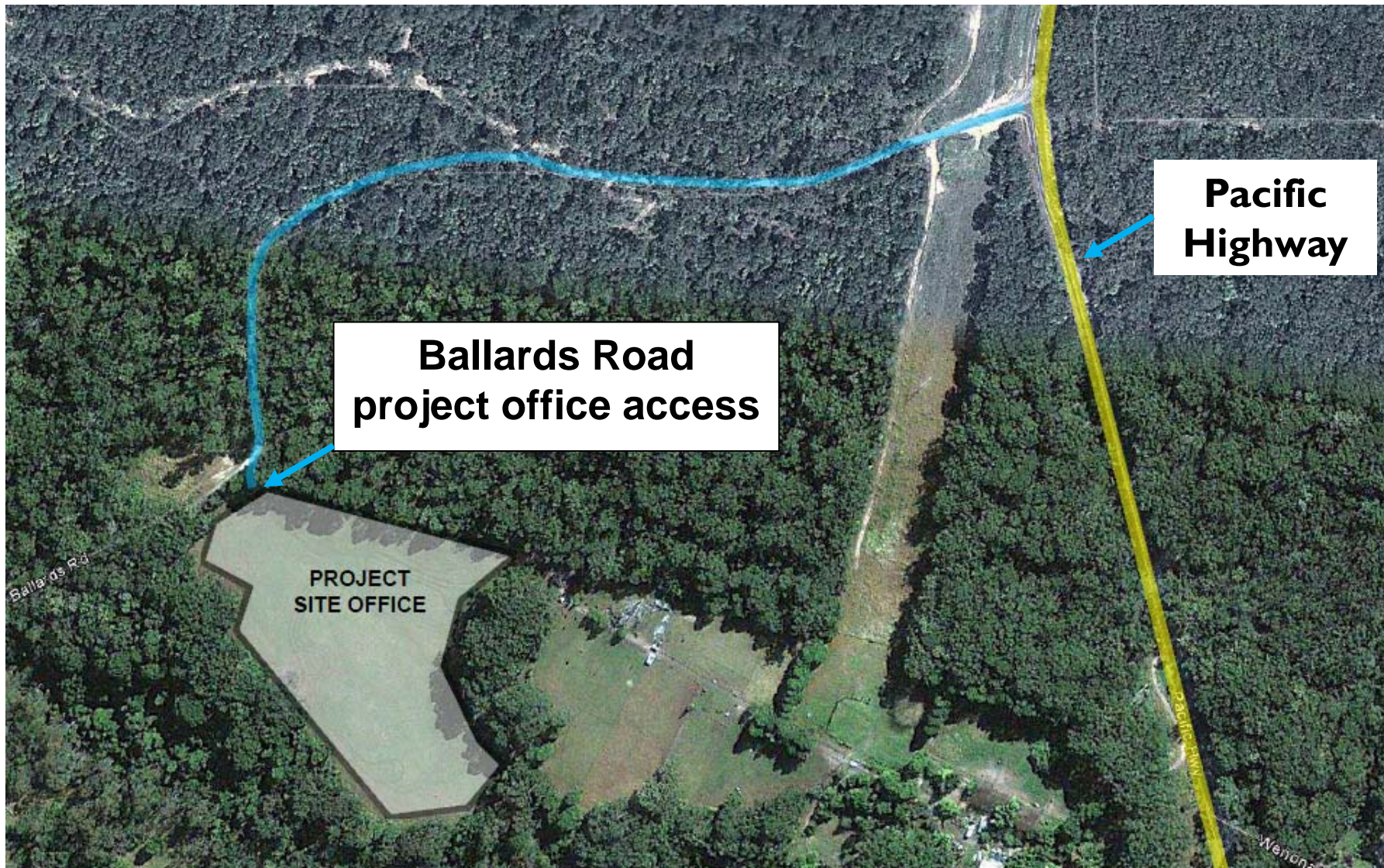


August 2013

# Main site compound – Ballards Road, Valla



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**Ballards Road  
project office access**

**Pacific  
Highway**

**PROJECT  
SITE OFFICE**

Ballards Rd

Wenona

All construction works that have an impact on the local road network will be carried out in accordance with an approved Traffic Management Plan.

The Traffic Management Plan covers three main areas:

- Maintenance of local property access.
- Summary of construction site access gates.
- Summary of key traffic changes and staging.

## Local property access



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- Local property access will be maintained at all times.
- Site access gates will be established to provide access into the project site for construction vehicles and plant.
- Access gates are predominately located at existing intersections.
- Access into/from site on the Pacific Highway will be predominately restricted to left in/left out access, to improve road safety.

- To improve road safety during construction and maintain access at all times, a number of changes will be made to the existing Pacific Highway during the project work.
- These changes are still being designed and more information will be provided once they are confirmed and approved.
- Changes made in consultation with Council and RMS and approved by relevant authority.
- Some diversions to local road intersection during construction including Boggy Creek Road, Valla Road, Deep Creek Road, East West Road and Ballards Road in Valla.
- Also South Arm Road and Short Cut Road, Urunga and Waterfall Way.

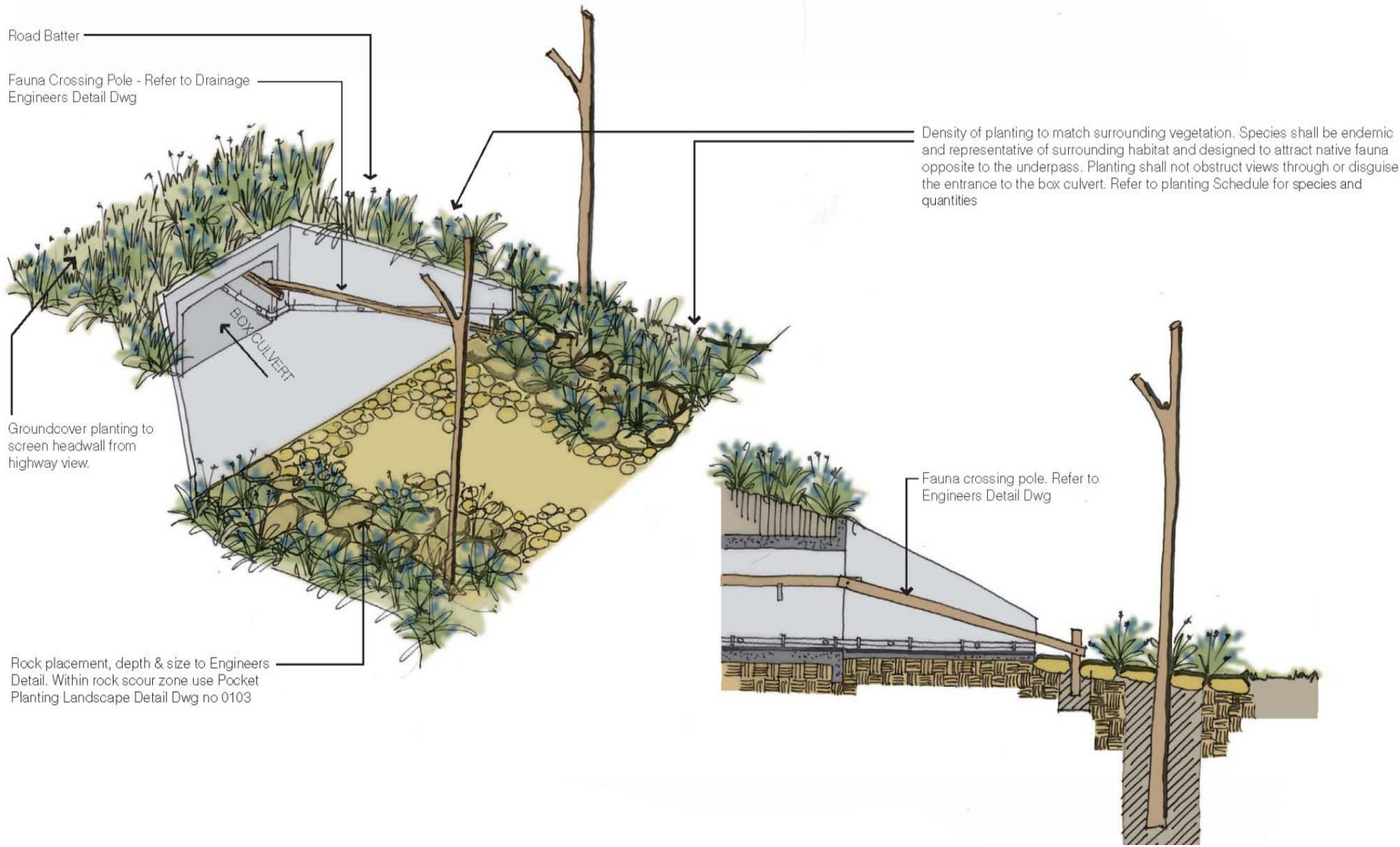


The urban and landscape design for the project seeks to provide a safe, interesting and diverse driving experience for the road user by

- Providing a flowing road alignment that is responsive and integrated with the landscape.
- Replicating and restoring native plantings and woodlands.
- Including feature plantings at interchanges and interchange approaches.
- Revegetating creeks with riparian vegetation.
- Implementing a rest area design that provides an appropriate landscape response to the adjacent area while maintaining a clear view of the rest area from the highway.

## Landscape design principles

- Provide a visually attractive outcome in the landscape.
- Enhance existing landscape character.
- Encourage views in cleared areas.
- Re-establish native vegetation that integrates with the adjacent landscape.
- Maximise the extent of retained vegetation.
- Retain and enhance quality view from the highway west to the Great Dividing Range and over rolling hills and pastures.
- Provide a well revegetated natural drainage system.



# Designated fauna passage



**Artists impression - Nambucca rest area - ground view**



**Artists impression - Nambucca rest area - aerial view**



**Artists impression - 50m inside cut through – heading south (between Ballards and Martells)**

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## How will we keep you informed?

- Advertised community information sessions and static project displays.
- Involvement in localised events.
- Permanent display centre at Ballards Road site compound.
- Leaflet distribution to mail boxes and premises of affected residents and/or businesses.
- Traffic updates, including email/SMS alerts.
- Construction activity advertisements – local newspaper/radio.
- Community update newsletters.
- Website updates.



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### Nambucca Heads to Urunga Pacific Highway upgrade

Roads and Maritime Services (RMS) has engaged Abigroup Contractors Pty Ltd to design and build the 22km dual carriageway upgrade of the Pacific Highway between Nambucca Heads and Urunga.

You are invited to a community information session.

**Where:** Nambucca Heads  
Entertainment Centre  
Ridge Street, Nambucca

**When:** Thursday 22 August 2013  
6pm to 8pm

**Where:** Urunga  
Ex Services Club  
Morgo Street, Urunga

**When:** Tuesday 27 August 2013  
6pm to 8pm

The information session will provide an update on the project, and staff will be available to answer your questions. Please call the toll free project information line on 1800 800 612 (press '2' to speak with a project representative) by **5pm on Friday 16 August** to register your attendance.

We look forward to seeing you there.

For more information or inquiries, please call the toll free project information line on 1800 800 612, Email [NH2U@abigroup.com.au](mailto:NH2U@abigroup.com.au) or visit at [www.rms.nsw.gov.au/pacific](http://www.rms.nsw.gov.au/pacific) (see Nambucca Heads to Urunga).

GUARDIAN NEWS, Thursday, August 15, 2013 7

# Upcoming communication to watch out for



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- **Urban Design and Landscape Management:** Advertised static display and mail out.
- **Design refinements:** Advertised static display, targeted consultation and mail out.
- **‘Register your interest’ survey:** Unaddressed envelope mail out to over 5000 homes and businesses.
- **Property adjustment meetings:** One on one meetings with directly affected properties.

**Register your interest**

JULY 2013

Australian Government  
National Building Program

NSW  
GOVERNMENT

Transport  
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Yes, please add my contact details to the project database.  
 No, please do not send me any information about the project and remove my contact details from the database.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Suburb \_\_\_\_\_  
Phone \_\_\_\_\_ Postcode \_\_\_\_\_  
Email \_\_\_\_\_

I would prefer that you contact me / keep me updated using (tick those that apply):

Email which is \_\_\_\_\_  
 SMS and my mobile phone number is \_\_\_\_\_  
 Postal/street address which is: \_\_\_\_\_

Issues that are of interest to me are:

<input type="checkbox"/> Noise and vibration	<input type="checkbox"/> Traffic managements and delays
<input type="checkbox"/> Plants and animals	<input type="checkbox"/> Dust
<input type="checkbox"/> Urban design and landscaping	<input type="checkbox"/> Design refinement and delays
<input type="checkbox"/> Signage	<input type="checkbox"/> General construction progress
<input type="checkbox"/> Water quality	<input type="checkbox"/> Heritage
<input type="checkbox"/> Flooding	<input type="checkbox"/> Business impacts
<input type="checkbox"/> Bus stop locations	<input type="checkbox"/> Other (please list) _____
<input type="checkbox"/> Pedestrian / cycle paths	

Roads and Maritime Services

*Please turn over*

**Nambucca Head to Urunga upgrade**  
A team consisting of Roads and Maritime Services and Abigroup.

Web [www.rms.nsw.gov.au/subacils](http://www.rms.nsw.gov.au/subacils) T 1800 900 012  
This project is jointly funded by the Federal and NSW Governments.

NSW | Transport  
Roads & Maritime  
Services

**Abigroup**  
Constructing Australia's Future



## Contact the project team



Transport  
Roads & Maritime  
Services

**Website:** [www.rms.nsw.gov.au/pacific](http://www.rms.nsw.gov.au/pacific) (see Nambucca Heads to Urunga).

**Phone:** 1800 800 612 (toll free) and press '2' to speak with a representative from this project.

**Email:** [nh2u@lendlease.com](mailto:nh2u@lendlease.com)

**Post:** PO Box 506 Nambucca Heads.

**Register** on the website to receive regular project updates during construction or fill in a registration form here tonight.





**Transport**  
Roads & Maritime  
Services

# Questions?

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