NAMBUCCA HEADS TO URUNGA

Community information session
Urunga
27 August 2013

Looking south at the existing interchange with Waterfall Way
Agenda

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

- Fatal Crashes
- Fatalities
- Linear (Fatal Crashes)
Current Status of Priority 1 – Hexham to Port Macquarie, Raleigh to Woolgoolga, Ballina to Border

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)
Current Status of Priority 2 – Port Macquarie to Raleigh

- 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.
• **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 Program

- Website:  
  
  - Project updates
  - Monthly achievement report
  - Six monthly “report card”

Pacific Highway Office

21 Prince Street, Grafton
Ph 6640100
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.
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

- 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.
Twin highway bridges over Deep Creek

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

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

Project Manager (North)
General Superintendent (north)
Project Manager (South)
General Superintendent (south)
Environmental Manager
Jenny Butler
Safety Manager
David Wilson
Design Manager
Michael Hassey
Community Relations Manager
Angela Peace
Processes and Systems Manager
Dan Guthrie
Our Commitment

• 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.
What to expect during construction

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
Installing nest boxes

Environmental monitoring
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.
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

Ballards Road project office access

Pacific Highway

PROJECT SITE OFFICE
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

- 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

Density of planting to match surrounding vegetation. Species shall be endemic and representative of surrounding habitat and designed to attract native fauna opposite to the underpass. Planting shall not obstruct views through or disguise the entrance to the box culvert. Refer to planting Schedule for species and quantities.

Groundcover planting to screen headwall from highway view.

Rock placement, depth & size to Engineers Detail. Within rock scour zone use Pocket Planting Landscape Detail Dwg no 0103.

Fauna crossing pole. Refer to Engineers Detail Dwg.
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)
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.
• **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.
Contact the project team


Phone:  1800 800 612 (toll free) and press ‘2’ to speak with a representative form 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.
Questions?