

**Bonville Upgrade Project
Community Interest Group**

NOTES

**Meeting #3
Thursday 19 October 2006
Bonville Memorial Hall
6.00 pm – 8.00 pm**

CIG members in attendance

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| Gary Carr | Peter Haskins | Angela O'Brien |
| Evan Clark | Trish Herraman | Ann Shearer |
| Ann Coyle | Rod Lynn | Ron Sprudd |
| Mike Edsall | Mike Newcombe | Mike Thomas |

Project representatives in attendance

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| Chris Clark, RTA | Gordon Boer, Abigroup |
| Colin Solomon, RTA | Chris Bryce, Abigroup |
| | Matt Frodsham, Abigroup |
| | Ian Irwin, Abigroup |
| | Jason Moran, Abigroup |
| | Neil Pittaway, Abigroup |

Kerry Morrison, Facilitator

Apologies

Tony Brindley
Peter Lubans
George Stulle
Rachel Sadler, RTA

Tabled/Handouts/Attachments

Fauna overpass – summary of research 'Mitigation of fauna impacts on roads'

| No. | Item | Issues / Actions | Action by |
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| 1 | Welcome & Introductions | <p>Kerry Morrison – Facilitator</p> <p>Welcomed all attendees. Angela O’Brien and Ann Shearer of the Coffs Harbour City Council and Jason Moran, Project Manager for Abigroup were introduced.</p> <p>Apologies for the late notice of the change of venue – the electricity is yet to be connected to the meeting room at the site office.</p> <p>Apologies noted.</p> <p>No comments from the previous meeting notes were received.</p> | |
| 2 | Actions arising from last meeting | <p>3.2 Site Office tertiary sewerage treatment</p> <p>It was agreed that the information provided at the last meeting, plus the brochure that was sent to all CIG members had sufficiently covered any concerns/issues with the proposed sewerage treatment system.</p> <p>3.3 Fauna overpass</p> <p>The Fauna overpass is to be addressed in Agenda item #3.</p> <p>3.4 Information Centre signage on Pacific Highway</p> <p>Letters for approval have been sent to the RTA and to the Coffs Harbour City Council.</p> <p>4.2 School bus pick up and set down points</p> <p>On Friday 29 September, Abigroup met with Busways to discuss the best location for the pick up and set down of passengers both during and post construction. It was agreed that the safest location for passengers would be on the north eastern corner of Archville Station Road and Gould Road which allows sufficient space for the bus to be off the road and where passengers do not need to cross Archville Station Road to get to Gould Road, where the majority of these passengers live.</p> | |
| 3 | Fauna Overpass | Gordon Boer – Abigroup, Design Manager | |

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| 3.1 | | <p>An overview of the research and general design of the fauna overpass was provided. Plans were issued with the meeting #2 notes.</p> <ul style="list-style-type: none"> • A list of references will be provided with the meeting notes. • Key features of the design, based on research and past experience: 2.5m of local soil over the arch; tall trees for arboreal animals and koalas; planting that was not too dense; approach angles are not important for fauna. • Traffic calming measures are proposed for the service road (which will have considerably reduced traffic volumes), adjacent to the overpass, and include reduced speed; line markings; rumble strips and warning signage. • Consideration was given to the overpass and its proximity to the service road, allowing fauna a refuge after crossing the overpass but before crossing the service road. • Examples of fauna overpasses around the world were discussed, however it was noted that the purpose of those overpasses were not similar to Australian fauna needs. <p>Attached is a copy of the presentation.</p> | |
| 3.2 | | <p>The final Flora and Fauna plan is yet to be approved, however once approval is granted, a copy of the plan will be available at the Community Information Centre to view. The plan addresses the management of flora and fauna during construction.</p> | |
| 3.3 | | <p>Abigroup will provide details of the road furniture (lighting, road signs etc) proposed on the service road at a future CIG meeting.</p> | Abigroup |
| 4 | Project update | | |
| 4.1 | Design update | <p>Gordon Boer – Abigroup, Design Manager</p> <ul style="list-style-type: none"> • The weighted average of the design is 55% complete with other design work ongoing. | |

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| 4.2 | Construction update | <p>Chris Bryce – Abigroup, Project Director</p> <ul style="list-style-type: none"> • Clearing may start as early as 8 November 2006. • All plans are with the Department of Planning for approval. • Department of Environment & Conservation are yet to issue the clearing licence. • Site Office is continuing to be established. • The RTA will be onsite the week starting 23 October 2006. • The installation of the temporary fauna fence is continuing and will be completed prior to any clearing. • At house noise mitigation measures are commencing the coming week. • Road surveys were underway. • First flush treatments are being finalised. • Seed collection and the translocation of fauna is currently underway. | |
| 4.3 | Community and Communications update | <p>Matt Frodsham – Abigroup, Community & Communications Manager</p> <ul style="list-style-type: none"> • Meeting on the 29 September 2006 with Busways as mentioned in actions arising from previous meeting. • Meeting with Grandis Road Action Group to advise of construction plans in their local area. • The 3 monthly construction advertisement was placed in the 4 local papers during the past week. • A recruitment advertisement for a Community Relations Assistant / Receptionist is to be run on Saturday 21 and Wednesday 25 October 2006. | |
| 5 | Issues raised during Meeting #2 round table discussion | <p>Kerry Morrison – Facilitator</p> <p>There are many issues which will be addressed at this meeting and future CIG meetings.</p> | |

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| 5.1 | <u>Environmental</u> | <p>Where is the source of the water to be used during construction?</p> <p>Water to be used during the construction phase for dust suppression and compaction will be collected using a combination of sedimentation basins, licensed bore water and licensed extraction from adjacent creeks and waterways. As per license requirements, regular monitoring of water extraction is undertaken. It is not anticipated that the quantity of water being extracted from the bores (at various locations along the alignment) will impact on other users of the bore water. Licences issued to Abigroup will determine where and how much water can be used. Regular monitoring will also allow the Environmental Team to ascertain any impact, if any, Abigroup has on water quality and subsequent effects of other bore users.</p> <p>Abigroup acknowledges that where alternatives are available, the preference is to minimise the use of bore water.</p> <p>Concerns were expressed that Abigroup use of ground water would reduce the quantity and pressure of water for other users. Abigroup acknowledged that the replenishment of ground water supplies is not from local infiltration of water but from a much wider 'catchment'.</p> <p>Concern expressed that good water would be used for dust suppression, Abigroup responded that all sources were being investigated. Water from the Coffs Harbour sewerage treatment plant could not be used.</p> | Noted |
| 5.2 | | <p>Will the sediment basins be sufficient to accommodate large quantities of water within a short period of time?</p> <p>Sediment basins have been designed in accordance with the 'Blue Book' and located in consultation with DEC, soil conservationists and SMEC (Designers). The 'Blue Book' is a Departmental guideline for erosion and sediment control and outlines requirements for sediment basins. They are designed to handle a rainfall event of approximately 60mm over a 5 day rainfall event. This is a balance between handling rainfall and disturbance of the surrounding flora.</p> | |

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| 5.3 | | <p>Have there been any fog studies for the highway? No there have been no fog studies done as it is not a requirement in this design. Additionally, the dual carriageway arrangement will be far safer in any fog event than the existing single carriageway highway.</p> | |
| 5.4 | | <p>Pipe drainage in wetlands – further information will be provided at a future meeting.</p> | Abigroup |
| 5.5 | | <p>Flood Study for the 1 in a 100 year flood levels at major creeks. A complete drawing will be produced and tabled at a future CIG meeting.</p> | Abigroup |
| 5.6 | | <p>What are the sizes of the fauna crossings? This information was provided at CIG meeting #1, Overview presentation handouts - 'A 60m wide fauna overpass inside the former Pine Ck State Forest Area. Three designated fauna underpasses as well as provisions for fauna at some bridge locations'. The width of the designated underpasses vary from 9m to 15m.</p> | |
| 5.7 | | <p>When is the fauna fence going in? The temporary fauna fence (which will be 4km in length) is being erected now and will be completed prior to the commencement of clearing while the permanent fauna fence will be installed as soon as practicable.</p> | |

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| 5.8 | | <p>What is the procedure for clearing the Bongil Bongil National Park?</p> <p>Clearing of the National Park will involve pre-works including establishment of polyweb fencing for clearing zones, surveys of threatened and endangered flora and fauna, seed collection for rehabilitation and removal and relocation of threatened species. Clearing works will involve the presence of the AMBS, Project Ecologists (both Flora and Fauna specialists) for capture and rescue of fauna affected by clearing and seed collectors. DEC (National Parks and Wildlife Service) will also be invited to be on site as clearing is being undertaken. Timber will be offered to State Forest for reuse, while remaining vegetation will be mulched for reuse onsite in erosion and sediment control and re-vegetation to be completed as part of landscaping. The establishment of a temporary fauna fence is currently being undertaken in consultation with the DEC.</p> <p>Abigroup agreed to contact WIRES to establish a relationship and advise of the clearing procedures.</p> <p>The Project Ecologist will be available to CIG members who would like further information regarding the clearing and the management of flora and fauna. The CCM can arrange these meetings.</p> | Abigroup |
| 5.9 | | <p>What are the impacts on air quality?</p> <p>An Air Quality Assessment (Vol 2) was conducted as part of the Environmental Impact Statement by the RTA. This detailed report was available for public comment when it was released in 1998 and a copy will be available to view at the Community Information Centre.</p> <p>The RTA will provide further information to the CIG at a future meeting.</p> | RTA |
| 5.10 | | <p>What is the quality of the treated effluent water?</p> <p>Refer to section 3.2 of CIG meeting #2 notes. Additional information was sent to CIG members with the CIG meeting #2 notes.</p> | |

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| 5.11 | | <p>Does compaction affect artesian water supply and what happens if it does?</p> <p>Compaction will not adversely affect artesian water supply as compaction only occurs in the upper layers of clay, and does not impact the underlying rock layers, in which artesian water is found.</p> | |
| 5.12 | | <p>What water quality monitoring has occurred prior to construction?</p> <p>A base line study has been completed which provides data on the condition and levels of creeks and waterways. Water quality is monitored upstream and downstream from the work to identify if the work is having an impact on local water quality. If yes, then the problem is identified and fixed.</p> | |
| 5.13 | | <p>Who is responsible for maintenance of environmental mitigation measures?</p> <p>Abigroup are responsible for the maintenance of the environmental mitigation measures for 10 years after the completion of the project.</p> | |
| 5.14 | | <p>What will happen if there are problems with mitigation measures/monitoring results?</p> <p>This question will be addressed at a future CIG meeting, as it is particularly relates to noise mitigation and monitoring.</p> | |
| 5.15 | <u>Local Roads</u> | <p>Reduction in speed limits on local roads.</p> <p>Abigroup has now erected new speed signs along Bonville Station Road. The speed limit on this road is now 60km / hour. Other measures such as double lines may be painted on some crests and corners/curves.</p> <p>Concern expressed by CIG member that the speed limit had not been reduced to 50km/hr.</p> <p>Query as to how Grandis Road residents would know the speed limit. Additional signage may be provided.</p> | Noted |
| 5.16 | <u>Schools</u> | <p>Effect on school bus stops both during and post construction?</p> <p>Please refer to section 2 (4.2) of these notes.</p> <p>Sensitivity of dealing with school children.</p> <p>Abigroup has now included this topic as part of their Site Induction for all personnel working on the project plus the issue will be raised at regular staff training sessions.</p> | |

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| 6 | General discussion | Kerry Morrison – Facilitator It is noted that time was short for general discussion, however no issues were raised. | |
| 7 | Next Meeting | Meeting #4 Wednesday 8 November 2006 Bonville Memorial Hall Bonville 6.00pm – 8.00pm | |