

**PROJECT NAME: North-South Bypass Tunnel Project
South/Central Community Liaison Group Meeting#18**

Venue:	Leckhampton House, Shafston Avenue
Date:	1 April 2008
Time:	6:00pm
Attendees:	CLG MEMBERS: Don Look, Dieter Gerschwitz, Adam Douglas PROJECT TEAM: Michelle Holden (LBB JV), Kirsten Crook (LBB JV), Martin Mulhearn (LBB JV), John Christopherson (LBB JV), Gregg Buyers (BCC), Nicola Mitchell (BCC), Ian Don (EDAW) CHAIR: Callum Campbell
Apologies:	Ross Carlson, Bob Eiszele, Joy Loggie, John Cristaudo
Distribution:	Attendees, apologies & Tony Spink

Item	Description	Action
1	<p><u>Previous Minutes</u> CC went through minutes from last meeting. Minutes were recorded as true and accurate.</p>	Noted
2	<p><u>Previous action items</u></p> <ul style="list-style-type: none"> • Response to previous CLG questions distributed by Chair • Council sent LBB letters from: <ul style="list-style-type: none"> – Adam Douglas to Councillor Abrahams in his capacity as a member of the CLG; – WTAG notice regarding construction noise and operational noise; – WTAG notice regarding landscaping. • Updated Issues Paper was distributed with comprehensive responses to the questions raised in the above documents • Some questions have been answered in the issues paper distributed on 19 February • EDAW reviewed landscaping request and proposal outlined in CLG paper of 1 April 	
3	<p><u>Urban Landscape Update: Ian Don EDAW</u> ID outlined the response to community feedback regarding southern landscaping including increased number of trees and species changes. ID presented revised concept drawings for Abingdon Street and Park Road indicating the landscaping at completion of the project and in 10 years time. <i>CLG member asked about reflective noise and trees.</i> ID advised trees do not stop noise only dense objectives can reduce noise. <i>CLG member asked whether the ongoing design near the overpass had been resolved.</i> ID said it was still an ongoing issue. <i>CLG members thanked ID for the update and for considering/actioning their comments.</i></p>	LBB to provide update when issue is resolved

South Ventilation Station presentation: Gregg Buyers BCC

Air Quality Standards

- In QLD - set by agencies such as QLD Environmental Protection Agency (EPA) and Council
- Nationally – National Environment Protection Council (NEPC) established National Environment Protection Measures (NEPM)

Air Quality Current

- Considered good based on goals and standards and in comparison to other large cities
- Rare occasions have seen air quality fall below these goals and standards, and has generally been caused by regional problems such as bush fire / dust storms

The Brisbane Quality Air Strategy

- Launched in 2004
- Identifies a series of strategies to improve air quality
- Public transport including compressed natural gas buses are important parts of this strategy

NSBT tunnel ventilation system

- Longitudinal ventilation system
- Designed to achieve in-tunnel air quality standards defined by the Permanent International Association of Road Congress (PIARC)

Longitudinal Ventilation System

- Air moved by a combination of vehicle –induced airflow and jet fans in the tunnel roof
- The air within the tunnel is then drawn out via two high-level ventilation outlets

Height of Ventilation Outlet

- Northern ventilation outlet – 36 metres high
- Southern ventilation outlet – 43 metres high

Public Health and Tunnel Ventilation

Findings of the Health Risk Assessment indicate that there will be no noticeable reductions in public health as a consequence of tunnel operation

Air Filtration

- Air quality assessments indicated that current air filtration technology will make little or no discernable to the air quality in the community
- The design of the ventilation outlets has allowed for the inclusion of this technology in the future should an overall benefit be demonstrated

Monitoring of Air Quality

- Operation air quality management plan
- Continuous monitoring linked to traffic management system
- Ongoing monitoring conducted at two monitoring stations one high level, one ground level
- Monitoring results will be reported to State Government monthly
- These results will be publicly available

	<p><i>CLG member asked why the monitors for the station could not be put down wind.</i></p> <p>GB advised Brisbane experiences various weather patterns and the current locations have been chosen to best suit the area.</p> <p><i>CLG member asked if filtration were retrofitted where would it go – ie would it stay underground. CLG member was concerned the open plaza at the station would be replaced by buildings</i></p> <p>GB said that space was allocated underground but that if the decision to retrofit were made then the technology at the time would determine the space requirements. GB said that the design of the filtration system is unknown at this stage.</p> <p><i>CLG member as whether toilets would be installed in the open space.</i></p> <p>GB said this was a Council decision and not related to LBB JV work.</p> <p><i>CLG member said he was concerned about pollution levels once the station had been built and in use.</i></p> <p>GB advised air quality and changing weather conditions were modelled during the EIS process and can be viewed in its supplementary attachments.</p> <p><i>CLG member asked when the Health Risk Assessment would be available.</i></p> <p>GB said that it can also be found on Council's website and he would source and email through.</p> <p><i>CLG member asked about the monitoring locations.</i></p> <p>GB said that there is a ground and elevated monitoring station for each ventilation station.</p> <p><i>CLG member asked how the modelling of the Sydney tunnels compared with actual data.</i></p> <p>GB said it turned out to be very conservative.</p> <p><i>CLG member requested copy of the presentation</i></p>	<p>GB to send through report</p> <p>GB to send through presentation</p>
<p>4</p>	<p><u>CLG Member Feedback</u></p> <p>Don Look <i>Asked for a response to the noise complaint he received on Reis Street.</i></p> <p>KC outlined actions taken to ensure issue is minimised and controlled.</p>	<p>KC to provide an update for</p>

	<p>Dieter Gerschwitz <i>Asked about the shed at Gibbon Street and that some panels were missing.</i></p> <p>MH advised the outside cladding is 99% complete but that the area where the panels are missing has been clad from the inside. The remaining panels will be erected once approvals have been obtained to remove a nearby power line.</p> <p><i>Member said he was concerned about the lack of light under the O'Keefe Street bridges and wanted to know when the issue it will be fixed.</i></p> <p>JC advised work on the permanent lighting has started and would be complete over the next couple of months.</p> <p><i>Member raised several issues regarding the depth of the tunnel in Gibbon Street.</i></p> <p>GB said he would provide further information to the member outside of the CLG forum.</p>	DL
	<p>Adam Douglas <i>Member advised noise and dust in the south have been reduced and thanked the project for their efforts.</i></p> <p><i>Member asked for ongoing monitoring of the parking arrangements in local streets. Stated that a large construction vehicle used Albert today and blocked the road for an hour.</i></p> <p>JC will raise the issues with IG and provide a response.</p> <p><i>Member advised a safety barrier has been pushed back toward the kerb and is affecting the intersection at Albert Street and Dibley Street. Member asked for barrier to be moved back to its prior location.</i></p> <p>JC will raise the issue with IG and provide a response.</p>	LBB to investigate and provide a response LBB to investigate and provide a response
5	<p><u>Construction Update: John Christopherson LBB JV</u></p> <p><u>Ipswich Road</u></p> <p>Work completed in last 4 weeks:</p> <ul style="list-style-type: none"> • Roof beams over Ipswich Road underpass <p>Work to be undertaken next four weeks</p> <ul style="list-style-type: none"> • Ipswich Road Underpass • Morrisey Street bridge (including retaining wall) • New left turn lane into Burke Street • Concrete pour on Dibley Street (near 15 and 17) • Ross Street drainage <p><u>Night work</u></p> <ul style="list-style-type: none"> • Intermittent night work – asphaltting on Ipswich Road <p><u>Pacific Motorway</u></p> <p>Undertaken in last month</p> <ul style="list-style-type: none"> • 200m of noise wall, barriers, lighting north of Cornwall Street 	

- Structural asphalt of Cornwall Street on ramp
- Bridge deck, stitch pour and girder installation of s/b widening of PMW over O'Keefe Street
- Harrogate Street pedestrian bridge substructure complete
- 139 of 210 deck planks for the portal work (northern end of PMW)
- 1st of 3 concrete deck pours of the portal (northern end of PMW)

Work to be undertaken in the next 4 weeks

- Site establishment and excavation, piling for s/b widening of PMW over Cornwall Street
- Stitch pours for n/b widening of PMW over O'Keefe Street
- Noise walls between Morrissey and Bourne
- Noise walls, barriers on n/b PMW widening over QR line
- Harrogate bridge pedestrian bridge deck units
- 2 deck pours and 71 planks for portal (northern PMW)

Nightwork

- Edge demolition and erection of girders of n/b widening of PMW over O'Keefe Street
- Concrete pours in the portal (northern PMW)
- Asphalt work on the PMW near portal (future activity)
- Median work between O'Keefe and Cornwall (at night) including:
 - Clearing and grubbing
 - Earthwork/piling
 - Retaining walls
 - PCB relocations

CLG member asked whether the height of the noise barriers along the motorway would be increased in height.

GB advised Council undertook a peer review of LBB's noise report. Review determined it to be compliant with the COG conditions of approval. In addition, Council asked LBB to provide a costing for increasing the noise barrier but Civic Cabinet decided not to issue the variation.

South Ventilation Station

Completed in last month

- Shaft excavation
- Blockwork for substation1 at 70% complete

Work to be undertaken in the next four weeks

- Substation 1 blockwork, concrete
- Retention tank
- Southern fire pump room walls and roof
- Drainage across Logan Road and Nile Street (nightwork, loss of parking lanes)

	<p><u>Shafston Avenue</u></p> <p>Work completed last month</p> <ul style="list-style-type: none"> • O'Connell Street pedestrian crossing now open • Roadheader work in Shafston portal <p>Work to be undertaken next 4 weeks</p> <ul style="list-style-type: none"> • Continue excavation of main trough by drill and blast • Blasts to occur generally on a daily basis at approx 12.30pm • Start bus-bay work on northern side of Shafston Avenue close to Story Apartments <p>Traffic changes</p> <ul style="list-style-type: none"> • Pedestrian diversion around bus bay work site • 50 metre exclusion zone and 5 minute stop and go on Shafston daily – approx 12.30 during blasting operations <p><u>Tunnelling</u></p> <ul style="list-style-type: none"> • 5 roadheaders in operation at Shafston • Roadheaders now benching mainline northbound and southbound and a section of heading on Shafston • Permanent lining work commenced for n/b mainline <p><u>Gibbon</u></p> <ul style="list-style-type: none"> • Shed erection complete • 2 roadheaders in operation – both heading south – northbound mainline (40m) and southbound mainline (3m) • 3 roadheader end of April 	
6	<p><u>Environment Update: Martin Mulhearn LBB JV</u></p> <ul style="list-style-type: none"> • Presented noise monitoring results within goals • Presented Dust Deposition and OSIRIS results <p><u>Dust Mitigation Measures</u></p> <ul style="list-style-type: none"> • Rain – 193.5mm of rain recorded at Ipswich Road Office for month of February 2008 and 35mm of rain recorded at Ipswich Road Office for month of March up to 28/3/08 • Continued use of trailer mounted water tanks and water carts • Use of dust suppressants in water carts • Continued maintenance of stabilised gravel haul roads • Streetsweeping every Monday, Wednesday and Friday, and on call on other days if required. • Covering of trucks hauling on Public Roads • Covering of embankments with hydromulch, vegetation or geo-fabric covers. • Tunnel Enclosure Building at Gibbon Street completed. 	
7	<p><u>Community Relations: Michelle Holden LBB JV</u></p> <ul style="list-style-type: none"> • Kangaroo Point information session March 18 • Fortitude Valley information session April 12 • Consultation/Comms activities – TBM tunnelling, PMW closures, ICB opening 	

	<ul style="list-style-type: none"> MH outlined initial outcomes from the CLG survey review proposed joint workshop for 13 May. MH to issue the construction update prior to the meeting <p><i>Members agreed to the joint meeting</i></p> <ul style="list-style-type: none"> Community relations statistics provided <p>KC outlined and categorised complaint trends and actions for March 2008.</p>	MH
8	<p>Summary of Actions</p> <ul style="list-style-type: none"> GB to provide Health Risk Assessment Document and presentation LBB to investigate parking issues in local streets and safety barrier on Dibley Street MH to issue the construction update prior to the meeting CC to invite North CLG members to the next joint meeting 	BCC LBB JV MH CC
9	<ul style="list-style-type: none"> CC thanked the group for their participation and closed the meeting. CC to distribute minutes. <p>Meeting closed at 8.00 pm</p>	Noted