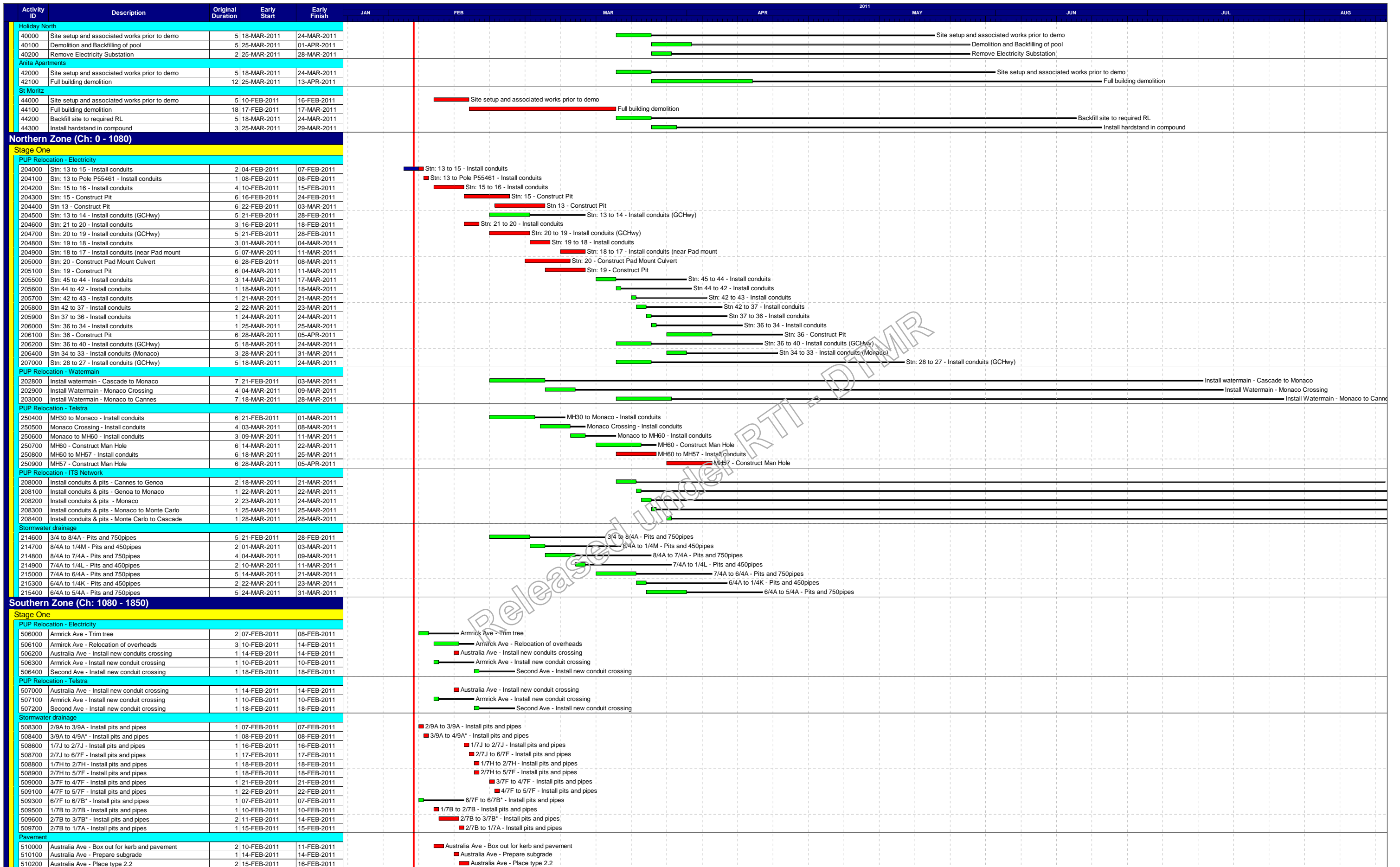


Start date 09-MAY-2010 8:00AM
 Finish date 08-MAR-2012 4:59PM
 Data date 06-FEB-2011 8:00AM
 Run date 16-FEB-2011 1:00AM
 Page number 1A

Boulderstone GCRT - Broadbeach roadworks Contract Plan R2

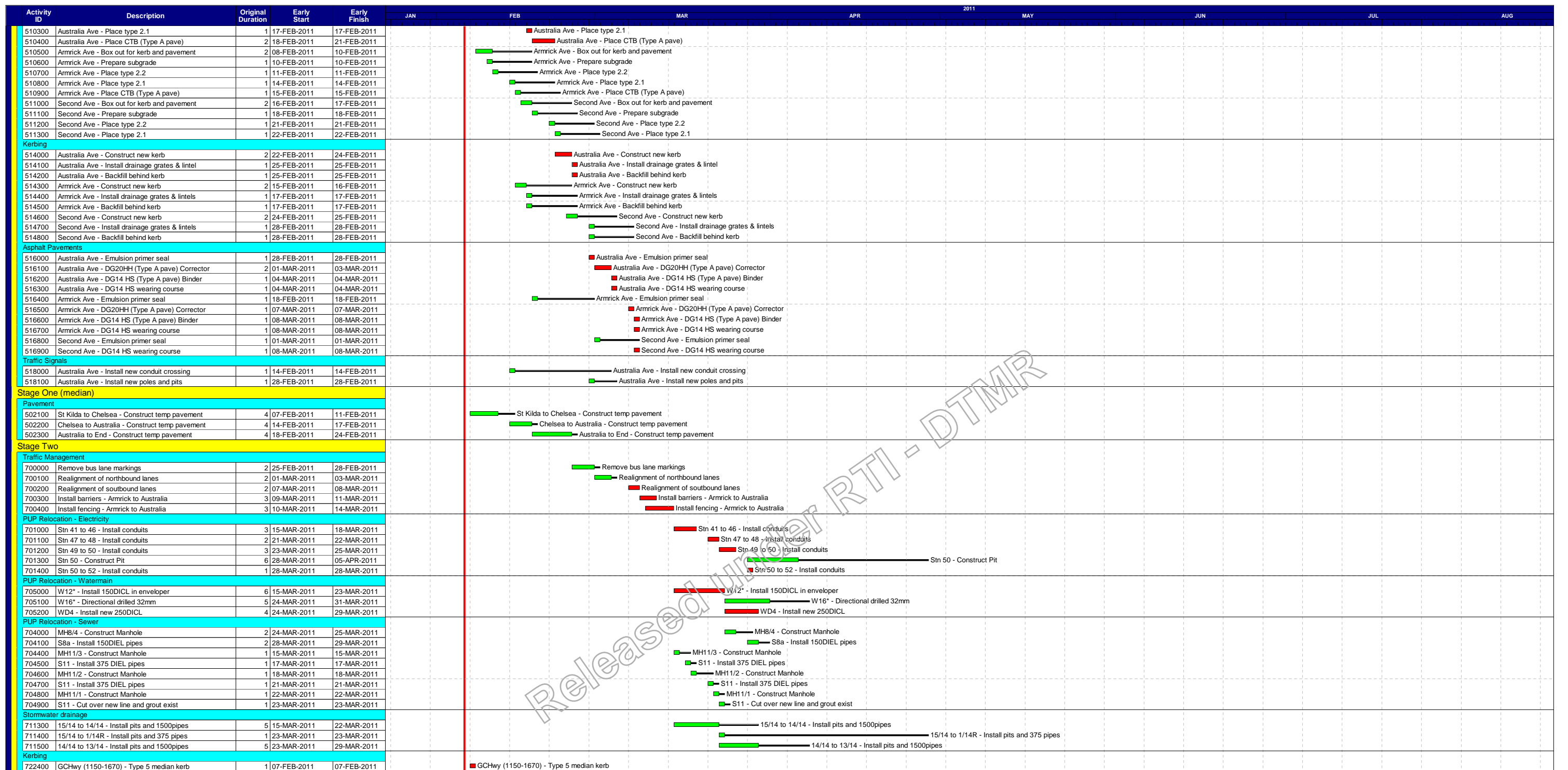
- Early bar
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- ◆ Start milestone point
- ◆ Finish milestone point



Start date	09-MAY-2010 8:00AM
Finish date	08-MAR-2012 4:59PM
Data date	06-FEB-2011 8:00AM
Run date	16-FEB-2011 1:00AM
Page number	2A
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Baulderstone GCRT - Broadbeach roadworks Contract Plan R2

- Early bar
- Total float bar
- Progress bar
- Critical bar
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- ◆ Summary point
- ◆ Start milestone point
- ◆ Finish milestone point



Released Under RTI - DTMR

Start date 09-MAY-2010 8:00AM
 Finish date 08-MAR-2012 4:59PM
 Data date 06-FEB-2011 8:00AM
 Run date 16-FEB-2011 1:00AM
 Page number 3A
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Boulderstone GCRT - Broadbeach roadworks Contract Plan R2

- Early bar
- Total float bar
- Progress bar
- Critical bar
- Summary bar
- ▲ Progress point
- ▲ Critical point
- ▲ Summary point
- ◆ Start milestone point
- ◆ Finish milestone point

Progress Meeting No. 4 Minutes

Contract Number: PID10-111
Project Name: GCRT Roadworks South Early Enabling Works (RWS EEW)
Job Number: 230/LR10/1C
Date: 6 January 2011 10:00am – 12:20pm
Location: Conference Room, GCRT RWS Site Office, Broadbeach.
Chairman: [Redacted] (SMEC)

Attendance:

GCRT	SMEC
[Redacted] – GCRT – Early Works Manager	[Redacted] – Superintendent's Representative
[Redacted] – Communications Place Manager	[Redacted] – SMEC – Project Engineer
[Redacted] – Senior Project Engineer	[Redacted] – Surveillance Officer
[Redacted] – Project Engineer	[Redacted] – Engineer/Administrator
[Redacted] – Act'g BPQL Community & Stakeholder Coordinator	[Redacted] – Senior Project Officer
[Redacted] – Traffic Engineer	

Apologies:

[Redacted] – Project Manager, Roadworks South	[Redacted]
[Redacted] – Superintendent	[Redacted]
[Redacted] – Project Manager	[Redacted]
[Redacted] – BPQL Community & Stakeholder Coordinator	[Redacted]

	Action By	Date
Previous Minutes (No.3, 16 Dec 2010) – revised minutes issued on 5 Jan 2011 accepted as correct.	Note	
1. Contract Dates: a. Date of Acceptance (DoA) – 20 October 2010 b. Original date for PC 25 October 2011 c. No EOT's have been issued.	Note	
2. Workplace Health & Safety (SCC Ci 11) a. Revised Safety Mgt Plan deemed suitable. b. Site Safety walks are being held every Friday starting at 6:30am. [Redacted] advised that BQPL have prepared a Site Safety Checklist, to be completed at every Site Safety Walk. [Redacted] select a BQPL engineer to be involved in the process. Copy of Checklist attached to these minutes. c. [Redacted] noted that a toolbox will be held on Tuesday 13/01/11 on safety issues such as driving of vehicles with the site area (non-signalized intersections) following a recent road accident involving [Redacted] Personal info. d. [Redacted] mentioned that asbestos inspections have been completed at Anita/St Moritz apartments on 6/1/11. Awaiting report to be issued. (Initial results show a possibility of minor levels of asbestos). e. [Redacted] advised that there is no issue regarding safety following bus stop changes. f. [Redacted] advised that there were no accidents/incidents to report with regard to BQPL works/activities, other than the road accident noted at 2c above. g. Safety Inductions to be held every Tues and Thurs (6:30am start) or alternatively on an "as requested" basis. h. [Redacted] noted that anyone who visits the Site (Incl. GCRT, GCCC personnel, etc) must be inducted and wear suitable PPE. All visitors must report to the Site Office and fill in the visitor book before visiting site areas.	Note Note Note Note Note Note Note ALL Note	Ongoing Ongoing

<p>3. Actions outstanding from prestart meeting:</p> <p>a. (7.1b) Rise & Fall Sch. to follow-up the need to prepare an instruction to revise the rise and fall provisions to include bitumen only.</p> <p>b. (9.1a) Formal Instrument of Agreement has been previously forwarded to BQPL. Sch. has noted numerous discrepancies (dates, missing doc's, etc); Sch. forwarded details from BQPL via email to Sch. on 22/12. Sch. to follow up with GCRT contracts team.</p> <p>c. (10.1b) 12D files DTMR surveyors have been on site undertaking cadastral surveys of boundaries. Sch. advised that cadastral surveys are completed.</p> <p>d. (14.1) Licenses and Permits</p> <p>(i) Sch. previously advised that GCRT are only waiting for DERM regarding Cascade Gardens. Sch. to check outstanding permits. <u>Post Meeting Note</u>: Clearing Permit received on 11 Jan.</p> <p>(ii) Sch. to follow up full demolition permits.</p> <p>(iii) Sch. to check on building certification for the RW inside the boundary of properties.</p> <p>e. (35.1b) Monthly Report - Report to be submitted the 1st week of the following month, and issued by Sch. to GCRT and PLG Members. Sch. to provide with LIP Schedule which needs to be completed and included in future Monthly Reports.</p> <p>f. (44.1) Portable Long Service Levy to provide receipt to BQPL.</p>	<p>fuse Sch.4 Pa</p> <p>Note</p> <p>fuse Sch.4 Pa</p> <p>Note</p> <p>fuse Sch.4 Pa</p>	<p>20/1</p> <p>asap</p> <p>20/1</p> <p>20/1</p> <p>asap</p> <p>asap</p>
<p>4. Site (GCC CI 27)</p> <p>a. Sch. advised that awnings are currently being installed between the Site Office and Lunch room.</p> <p>b. BQPL to assess security of Site compounds following incident of locks being glued prior to return to work on 4/1.</p> <p>c. Noise generated by trucks entering Site compound in early hours prior to 6:30am to be reviewed (following on from complaint raised in Dec 2010).</p> <p>d. Sch. noted that temporary fencing has been erected to secure a storage compound within Neddy Harper Park (east section). Sch. noted that fencing around trees must encompass the tree drip-lines, photos are being taken to record current condition of park areas. Compound gates to be secured when the yard is not occupied.</p>	<p>Note</p> <p>MW</p> <p>MW</p> <p>Note</p>	<p>asap</p> <p>asap</p>
<p>5. Design – refer minutes from Design meeting. These will now be kept separate.</p> <p>a. A proposal to have a monthly Design/PUP meeting to be discussed at the next Site Progress meeting (20/1). Aurecon to be invited to all Design meetings, when arranged.</p> <p>b. IFC Drawings – Sch. has passed a copy of the SMEC Dwg Register to (BQPL) for review. Sch. to review the drawing list provided by Sch. and advise of any issues asap. Following Sch. review, if necessary, Sch. will arrange a meeting with use Sch.4 P (GCRT), Sch. and Aurecon to agree on the current status of drawings. As noted in previous meeting, it is to be taken as understood that the Contractor is to construct the works to these new IFC drawings (direction not previously given), with the exception of the Energex dwgs. These have not had VO number(s) allocated. Additional costs to be identified, and additional VO nos allocated in due course, if required.</p> <p>c. Translink Bus Stops – As from 4 Jan 2 Nos. of temporary bus stops at Second Ave (S/B) and at Monaco St near Shell Service Station (N/B) are now in operation following bus stop closures, plus provision of 2 Nos. of temporary bus stops in Wharf St and detour of Translink services via Wharf St (Fern St closed at GC Hwy). Design of temporary bus stop at Neddy Harper park still under consideration by Aurecon.</p> <p>d. South Ocean Duty Free - Aurecon are redesigning the intersection of GC Hwy and Wharf St in order to avoid removal of 2 mature fig trees.</p> <p>e. RFI's to Aurecon Sch. to follow up with Aurecon and Sch. with regard to the need for issuance of revised Drawings following design changes, etc.</p>	<p>All</p> <p>Refuse Sch.4 Part 4</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Refuse Sch.4 Part 4</p>	<p>20/1</p> <p>12/1</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p>

<p>f. <u>Retaining walls</u> → Sch. noted that GCCC expect a smooth surface/coloured block wall finish for walls > 1m high, and a "split" block finish, with anti-graffiti paint for walls below 1m. Contract requirements to be checked.</p> <p>g. <u>Riverview Court driveway</u> → Sch. noted that the access/egress into 2 Nos. of existing car parks fronting GC Hwy may be adversely impacted by permanent design of N/B alignment of GC Hwy – an RFI to be raised shortly.</p>	<p>Refuse Sch.4 Part 4</p>	<p>20/1 asap</p>
<p>6. Public Utility Plant (SCC CI 23)</p> <p>a. <u>Status of design (Telstra)</u> – Meetings with Telstra are ongoing; design closer to finalisation, but concerns raised with regard to impacts with Energex works at Caltex zone → Sch. previously noted that on other projects there has been difficulty in getting Telstra & its subcontractor to submit the required safety documentation. BQPL will need to follow up for this project.</p> <p>b. <u>Status of design (Energex)</u> – Meetings with Energex are ongoing. Civil design completed and drawings have been issued for construction (pending receipt of revised construction schedules). Electrical design yet to be done by Energex. A query has been raised to Energex to consider whether pre-cast pits can be used. → Sch. asked → Sch. to follow up with Aurecon to check the overall design for clashes. → Sch. noted that Aurecon recently advised that they are soon to complete their design review of all possible PUP clashes.</p> <p>c. <u>Status of design (APA Gas)</u> – A variation to undertake potholing adjacent to Armrick Ave has been issued – potholing in progress.</p> <p>h. <u>Status of design (Allconnex)</u> – Meeting between Allconnex/GCRT with Aurecon on 16/12(am) to further assess designs. Previously noted that there are similar concerns with regard to clashes with other utilities in the design. → Sch. noted that two subcontractors have been selected – appointment yet to be finalised. → Sch. recommended that BQPL arrange an initial "meet/greet" meeting with Allconnex asap (Post Meeting Note: meeting arranged by → Sch. held on 11 Jan).</p> <p>d. A Variation has been issued to BQPL in mid-Dec to undertake potholing to identify extent of Telstra & other services at northern end of Site (near Caltex and north of Aubrey St) → Sch. to advise timing of these activities.</p> <p>e. → Sch. to arrange a combined services meeting with Telstra and Energex to resolve conflicts.</p>	<p>Note</p> <p>Note</p> <p>Note</p> <p>Refuse Sch.4 Part 4</p> <p>Note</p> <p>Note</p> <p>Refuse Sch.4 Part 4</p>	<p>14/1</p> <p>Ongoing</p> <p>asap</p> <p>Urgent</p>
<p>7. Construction Program (GCC CI 33.2 & SCC CI 8)</p> <p>a. Rev.A is the Current Construction Program. → Sch. advised that a revised program is to be prepared once Telstra and Energex issues are clarified (Caltex area); earliest submission date will be mid-Jan.</p> <p>b. 2mth Look Ahead Program → Sch. previously requested → Sch. to include "activity float" on future submissions.</p>	<p>Note</p> <p>Refuse Sch.4 Part 4</p>	<p>Dec Report</p>
<p>8. Construction Issues</p> <p>a. The contents of BQPL Weekly Report (week ending 24/12/2010) were discussed. <u>Key activities</u></p> <ul style="list-style-type: none"> - median removal at night is substantially completed, - implementation of TGS002 and TGS003 in progress, - accommodation works and retaining wall construction ongoing at the Vets and Surfers City Church and adjacent land lots, - accommodation works, masonry wall and fence works and demolition of swimming pool at Surfers Paradise Motor Inn is nearing completion. - Armrick/Australia Ave stormwater works – soon to commence. <p>b. <u>GCCC road dilapidation surveys</u> → Sch. has completed the side streets on the eastern side of GC Hwy.</p> <p>c. <u>Caltex Site</u>: Part Refuse Sch.4 Part 4 s.6 are liaising with Otek to undertake demolition works inside Caltex property, soil decontamination works, etc. 60 days notification to Caltex to cease operation is likely to be required</p> <p>d. <u>South Coast Duty Free building</u> – → Sch. highlighted previous concerns raised</p>	<p>Note</p> <p>Note</p> <p>Refuse Sch.4 Part 4</p>	<p>asap</p>

<p>by Sch. with regard to backfilling of underground basement. Sch. to follow up with architects to obtain soil compaction records. It is likely that the 2Nos. of exposed stormwater manholes (600mm high) to be barricaded for handover to Contractor in mid Jan 2011. It is noted that the existing basement wall is only to be cut down to 800mm below surface level. Sch. to review with consideration of RWS future works and advise Sch. of final depth. Sch. to check with Property Services as to what has been agreed with the land owner.</p>	<p>Refuse Sch.4 Part</p>	<p>asap 20/1 20/1</p>
<p>9. Variations (GCC CI 40)</p> <p>a. Refuse Sch.4 Part to meet every Wed morning to review the status of Variations and Potential Variations, potential delays/disruption, etc.</p> <p>b. Previously agreed that changes received that add or remove activities from the schedule will be issued as a VO by SMEC. Changes that amend existing schedule quantities will be reviewed by BQPL for inclusion as variations (or not).</p>	<p>Refuse Sch.4 Part Note</p>	<p>12/1</p>
<p>10. Commercial</p> <p>a. Progress Claim No.2 yet to be formally submitted. Draft has been discussed by Sch. in 23/12. Potential variations not to be included in Progress Claim No.2 – pending further discussion by SC/PA in January.</p>	<p>Refuse Sch.4 Part</p>	<p>asap</p>
<p>11. Quality System (SCC CI 9)</p> <p>a. Quality Mgt Plan deemed suitable.</p> <p>b. No quality related issues reported.</p>	<p>Note</p>	
<p>12. Environmental Management (SCC CI 10 & MRTS51.1)</p> <p>a. Revised Enviro' Mgt Plan Sch. provided comments on 23/12. Sch. to follow up.</p> <p>b. Environmental inspections to be held every Wednesday. Sch. to send invite.</p> <p>c. DERM visited the Site on 20 Dec following a noise related complaint by a neighbour in Frederick St – no adverse comments raised. Further meeting with DERM (whole of Site review) to be arranged by Sch. in mid-Jan.</p>	<p>Refuse Sch.4 Part</p>	<p>20/1 Ongoing tba</p>
<p>13. Traffic Management (SCC CI 12)</p> <p>a. TMLG approved the Traffic Mgt Plan at TMLG No.1 held on 18/11, with conditions. SMEC noted that the TMP is deemed suitable, with conditions. Sch. advised that the TMP will be revised prior to next TMLG meeting (to be held on 2/2).</p> <p>b. Traffic Change Notification - Person to be responsible for notifying TMR Traffic Management Centre of traffic changes – currently Refuse Sch.4 Part</p> <p>c. Proposed U Turn at Via Roma - to be submitted as a separate TGS. Refuse Sch.4 Part to follow up.</p> <p>d. ITS Maintenance - Sch. is finalising review of GCCC maintenance records of traffic signals; details to be provided asap.</p> <p>e. Submission of a fortnightly spreadsheet outlining road closures was initiated prior to the Xmas break; to be submitted to Sch. (for onward submission to GCCC) on a weekly basis.</p> <p>f. Speeding Taxi's through workzones – GCRT Sch. has advised Gold Coast Cabs of safety concerns. QPS have also been notified. Refuse Sch.4 Part</p>	<p>Note Refuse Sch.4 Part Note Refuse Sch.4 Part Monitor</p>	<p>2/2 Ongoing asap Weekly</p>
<p>14. Community Liaison (SCC CI 13).</p> <p>a. CL Plan deemed suitable.</p> <p>b. Sch. advised that the communication packages to property owners have been sent out. Sch. also noted that the packages include information regarding notice of entry, initial letter about the work detail, etc – details to be provided to Sch. Refuse Sch.4 Part</p> <p>c. Complaints received since last meeting: a complaint was received from Surfers Aquarius regarding the bus stop closure along Old Burleigh Rd - Sch. provided information to the property manager regarding the temporary</p>	<p>Note Sch. Note</p>	<p>asap</p>

<p>nature of the bus stop closures.</p> <p>d. Refuse Sch.4 Pa to provide Refuse Sch.4 Pa a list of “high profile/sensitive” persons/parties in order for BQPL field staff to better appreciate stakeholder risk.</p> <p>e. It appears that land holders may not have been advised full details of accommodation works by GCRT. BQPL to take this into account when approaching land holders.</p> <p>f. Refuse Sch.4 advised that the site hoardings to be installed on Thurs 13/1 – Safety Inductions to be arranged for GCRT contractor prior to commencement of works.</p> <p>g. Reminder - the 1800 phone number is to be issued to all public/3rd parties, avoid face to face discussions during site works.</p> <p>h. It was noted in a previous meeting that an enquiry was made regarding the white lighting poles at southern end of site Refuse Sch.4 noted that they are GCCC poles Refuse Sch.4 to review and confirm.</p> <p>i. Removal of bus shelters → Refuse Sch.4 liaise with Refuse Sch.4 Pa</p>	<p>Refuse Sch.4 Pa</p> <p>Note</p> <p>Refuse Sch.4 Pa</p> <p>Refuse Sch.4 Pa</p>	<p>asap</p> <p>Ongoing</p> <p>13/1</p> <p>14/1</p>
<p>15. Other Stakeholder Interfaces</p> <p>a. <u>Translink</u> - Ongoing issues regarding the provision of bus stops during the works and post EEW. Meetings between GCRT and Translink are ongoing to find a resolution.</p> <p>b. <u>Cllr Sarrof</u> – Requires ongoing briefing by the GCRT team Refuse Sch.4 all enquiries from elected members (Local, State, Federal) are to be directed to Refuse Sch.4</p>	<p>Note</p> <p>Note</p>	<p>Ongoing</p> <p>Ongoing</p>
<p>16. Cultural Heritage (MRTS51.1 CI 4)</p> <p>a. Initial induction to be completed prior to commencement of excavation works, does not impact median removal. Inductions planned for the New Year.</p> <p>b. Traditional owners may wish to have observers present on Site when works at Cascade Gardens commence (ongoing note for meeting minutes)</p> <p>c. Relocation of “Pink Poodle” sign (cultural heritage sign) yet to be confirmed – under review by Refuse Sch.4 <u>Post Meeting Note</u>: Refuse Sch.4 has requested Refuse Sch.4 for the existing and future property boundaries to be marked out on Site by the surveyor).</p>	<p>Refuse Sch.4 Pa</p> <p>Note</p> <p>Note</p>	<p>Ongoing</p>
<p>17. Relationship Management. (SCC CI 43.6)</p> <p>a. Refuse Sch.4 Pa have completed draft KPI Schedule – issued to PLG members for consideration at PLG Meeting No.2 (20/1/11)</p> <p>b. Refuse Sch.4 to finalise the Charter document.</p>	<p>Note</p> <p>Refuse Sch.4 Pa</p>	<p>12/1</p>
<p>18. Project Leadership Group (SCC CI 43.7)</p> <p>a. Next meeting scheduled for Thursday 20/1 (12noon, following next Site Progress meeting)</p> <p>b. Nov 2010 Monthly Report and Contractor’s Performance have been circulated by Refuse Sch.4 to PLG Members. Dec 2010 Monthly Report and Contractor’s Performance to be finalised by 14/1 for circulation by Refuse Sch.4 to PLG Members no later than 17/1.</p>	<p>Note</p> <p>Refuse Sch.4 Pa</p>	<p>20/1</p> <p>14/1 17/1</p>
<p>19. Local Industry Participation Plan (SCC CI 43.10)</p> <p>a. Plan submitted on 01/11/10. Initial submission under review by SMEC and GCRT. TS to confirm acceptance of LIPP to Refuse Sch.4 asap.</p> <p>b. As noted in 3(e) above, Refuse Sch.4 to provide Refuse Sch.4 with LIP Schedule which needs to be completed and included in future Monthly Reports.</p>	<p>Refuse Sch.4 Pa</p>	<p>20/1</p> <p>asap</p>
<p>20. Employee Relations Plan (SCC CI 43.14)</p> <p>a. Industrial Relations Plan - Shall be a stand-alone document; not to be an appendix to the Community Liaison Plan. Refuse Sch.4 previously advised that Draft IR Plan under review; to be finalised and submitted to Refuse Sch.4 sap → Refuse Sch.4 then forward to Refuse Sch.4 for further review.</p>	<p>Refuse Sch.4</p>	<p>15/1</p>

<p>21. Risk Management</p> <p>a. PUP's are all subject to delayed design provision, potential for delay risks being incurred.</p> <p>b. Vacant possession of properties should be achieved well in time with the contract dates.</p> <p>c. Asbestos – risk to be examined at earliest possible opportunity (access to St Moritz, etc); see Item 2d above.</p> <p>d. There are potential industrial demarcation issues on the horizon. BQPL are currently establishing an agreement with the unions.</p> <p>e. Traffic Safety</p> <p>f. Weather</p> <p>g. Translink – decisions associated with bus stop locations, closures, temp' bus stops, etc.</p> <p><u>Potential Delays:</u></p> <p>i. Caltex (engagement of Otek to undertake decontamination works, removal of pumps, awnings, date for Caltex to cease operations, Telstra/Energex works)</p> <p>ii. New Mexico Restaurant & Motel – resolution of sign relocation, etc</p>	<p>Use Sch.4 F</p>	<p>Ongoing</p>
<p>22. Other</p> <p>a. Sch. advised that GCRT are planning to position a graduate engineer on the project with the CA team, starting in mid-Jan 2011 – date to be confirmed.</p> <p>b. A copy of the industry training submission from BQPL has been sent from Refuse Sch.4 Part 4. Sch. noted that the copy is just for GCRT record. Sch. to follow up with se Sch.4</p> <p>c. Removal of survey markers. Sch. mentioned that DTMR has no objection to the removal of the remaining survey markers; process for removal to be adhered to (see Sch.4 or clarification if required).</p> <p>d. Sch. advised that [redacted] will not be returning to the project. Sch. to return on 10/1.</p> <p>e. Sch. requested that GCCC are kept in the communication circle with regard to traffic management issues, traffic signal modifications, waste mgt issues, departures from original design where there may be an impact with GCCC, etc.</p>	<p>Refuse Sch.4 Pa</p> <p>Note</p> <p>Note ALL</p>	<p>20/1</p> <p>Ongoing</p>
<p>23. Next meeting: Thursday 20 January 2011; 10am at Site office conference room - Invitations to be updated</p>	<p>Refuse Sch.4 Pa</p>	

Note:

Attachment A: BQPL Weekly Site Inspection Checklist

Attachment B: BQPL Safety Observation Record (Visitor)

Progress Meeting No. 5 Minutes

Contract Number: PID10-111
Project Name: GCRT Roadworks South Early Enabling Works (RWS EEW)
Job Number: 230/LR10/1C
Date: 20 January 2011 10:00am – 12:15pm
Location: Conference Room, GCRT RWS Site Office, Broadbeach.
Chairman: [Redacted] (SMEC)

Attendance:

GCRT [Redacted] – Communications Place Manager [Redacted] BQPL [Redacted] – Project Manager [Redacted] [Redacted] – Project Engineer [Redacted] [Redacted] – Act'g BPQL Community & Stakeholder Coordinator [Redacted]	SMEC [Redacted] – Superintendent [Redacted] [Redacted] – Superintendent's Representative [Redacted] [Redacted] – Engineer/Administrator [Redacted] GCCC [Redacted] – Senior Project Officer [Redacted]
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Optional:

Apologies:

[Redacted] GCRT – Early Works Manager [Redacted]
 [Redacted] SMEC – Project Engineer [Redacted]
 [Redacted] – Senior Project Engineer (MW)
 [Redacted] BPQL Community & Stakeholder Coordinator [Redacted]

	Action By	Date
Previous Minutes (Meeting No.4 held 6 Jan 2011) – minutes issued on 12 Jan 2011 accepted as correct.	Note	
1. Contract Dates: a. Date of Acceptance (DoA) – 20 October 2010. b. Original date for PC 25 October 2011 c. No EOT's have been issued. d. [Redacted] noted that some potential delays to the progress of the Works have been recognized (PUP/Telstra/Caltex – under review).	Note Note	
2. Workplace Health & Safety (SCC Cl 11) a. Revised Safety Mgt Plan deemed suitable. b. Site Safety walks are being held every Friday starting at 6:30am. c. [Redacted] noted that a toolbox was held on Tuesday 13/01/11 addressing the driving of vehicles within the site area (non-signalized intersections) following a recent road accident involving [Redacted] Personal inf d. [Redacted] mentioned previously that asbestos inspections have been completed at Anita/St Moritz apartments on 6/1/11. Awaiting report to be issued. (Initial results show a possibility of minor levels of asbestos) [Redacted] to follow up as to when the report will be available. e. [Redacted] advised that there were no accidents/incidents to report with regard to BQPL works/activities [Redacted] also noted that works of subcontractor on [Redacted] has been stopped due to concerns over safety and corrective actions undertaken. f. Safety Inductions to be held every Tues and Thurs (6:30am start) or alternatively on an "as requested" basis. [Redacted] noted that BQPL safety officer was not able to attend on a full-time base [Redacted] also noted that BQPL has requested for a full-time safety officer, possibly to join in approx' 4 weeks time. Online induction system yet to be completed. g. Future demolition works at St Moritz & Anita Apartments – Certifier to visit the Site for inspections. [Redacted] to prepare works statements for review.	Note Note Note [Redacted] Note Note [Redacted]	Ongoing TBA asap

<p>3. Actions outstanding from prestart meeting:</p> <p>a. (7.1b) Rise & Fall - Sch. to follow-up the need to prepare an instruction to revise the rise and fall provisions to include bitumen only.</p> <p>b. (9.1a) Formal Instrument of Agreement - has been previously forwarded to BQPL. Sch. has noted numerous discrepancies (dates, missing doc's, etc); PA forwarded details from BQPL via email to TS on 22/12. Sch. to follow up with GCRT contracts team.</p> <p>c. (14.1) Licenses and Permits</p> <p>i. Sch. to follow up with regard to full property demolition permits. Sch. noted that a BQPL certifier is being organized for inspections.</p> <p>ii. Sch. to check on building certification for the RW inside the boundary of properties. Sch. noted that BQPL need to know what exactly needs to be certified. Sch. advised BQPL to arrange an independent certifier and costs could be considered as a claim.</p> <p>d. (44.1) Portable Long Service Levy Sch. to provide receipt to BQPL.</p>	<p>Refuse Sch.4 Part</p>	<p>Ongoing</p> <p>asap</p> <p>asap</p> <p>asap</p>
<p>4. Site. (GCC CI 27)</p> <p>a. Noise generated by trucks entering Site compound in early hours prior to 6:30am to be monitored to avoid complaints. Sch. noted that the night works will cease until the next major traffic shift on GC Hwy.</p> <p>b. Handover of portion of land on GC Hwy side of Duty Free building was handed over to BQPL on 20/1(am).</p> <p>c. Sch. advised that Sch. is chasing for a cherry picker to install the 2 Nos. of site project signs.</p> <p>d. Sch. noted to Sch. that numerous vehicles are illegally parking outside the site office in Fern St within the closed zone. Issue to be noted to parking inspectors</p>	<p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p>	
<p>5. Design – refer to minutes from Design Issues meetings.</p> <p>a. The proposal to have a monthly Design/PUP meeting was agreed. Aurecon to be invited to all Design Issues meetings, when arranged. First meeting was held on 18/1/11.</p> <p>b. PA to consider adding Aurecon to ProjectCentre for ease of notification of potential design issues for resolution (SMEC will still review and direct Aurecon to action, if needed).</p> <p>c. Surf City Church – problems with existing ramp and staircase within Church property to be assessed by GCRT.</p> <p>d. Stormwater design – possible design problem on western side of GC Hwy (northern section) – RFI to initiated for review.</p>	<p>Note</p> <p>Refuse Sch.4 Part</p>	<p>asap</p> <p>asap</p> <p>asap</p>
<p>6. Public Utility Plant (SCC CI 23)</p> <p>a. The proposal to have a monthly Design/PUP meeting was agreed. Aurecon to be invited to all Design Issues meetings, when arranged. First meeting was held on 18/1/11.</p> <p>b. Meeting with Telstra arranged for 20/1.</p> <p>c. Sch. has arranged a combined services meeting with Telstra and Energex to resolve conflicts for 20/1.</p>	<p>Note</p> <p>Note</p> <p>Note</p>	
<p>7. Construction Program (GCC CI 33.2 & SCC CI 8)</p> <p>a. Rev.A is the Current Construction Program. Sch. advised that revised version of Construction Program will be issued on 21/1.</p> <p>b. Sch. noted that the Pink Poodle Sign can be removed very soon, awaiting final confirmation from GCRT.</p>	<p>Note</p> <p>Refuse Sch.4 Part</p>	
<p>8. Construction Issues</p> <p>a. The contents of BQPL Weekly Report (week ending 14/1/2011) were discussed.</p> <p><u>Key activities</u></p> <ul style="list-style-type: none"> - median removal at night is substantially completed, - implementation of TGS002 and TGS003 nearing completion – an audit to 	<p>Note</p>	

<p>be undertaken of signs and markings.</p> <ul style="list-style-type: none"> - accommodation works and retaining wall construction ongoing at the Vets and Surfers City Church and adjacent land lots, - accommodation works, masonry wall and fence works and demolition of swimming pool at Surfers Paradise Motor Inn is nearing completion. - Armrick/Australia Ave - stormwater works soon to commence, potholing activities in progress. <p>b. GCCC road dilapidation surveys Sch.4 has completed the survey of all side streets – 2 copies of the report to be provided to Sch.4 asap. BQPL need to include Via Roma and TE Peters Drive as part of this dilapidation survey.</p> <p>c. Caltex Site: Sch.4 Part 4 s.6 Personal arranged a meeting with Otek on Monday 24/1. Otek will be engaged with GCRT for environmental and demolition works inside Caltex property, soil decontamination works, etc.</p> <p>d. New Mexico Restaurant/Motel - proposed sign design to be signed off by the Refuse Sch.4 Part asap.</p>	<p>Note Refuse Sch.4 Part</p> <p>Note</p> <p>Refuse Sch.4 Part</p>	<p>asap</p> <p>Ongoing</p> <p>asap</p>
<p>9. Variations (GCC CI 40)</p> <p>a. Refuse Sch.4 Part to continue to meet weekly to review the status of Variations and Potential Variations, potential delays/disruption, etc.</p> <p>b. Previously agreed that changes received that add or remove activities from the schedule will be issued as a VO by SMEC. Changes that amend existing schedule quantities will be reviewed by BQPL for inclusion as variations (or not).</p>	<p>Refuse Sch.4 Part</p> <p>Note</p>	<p>Weekly</p>
<p>10. Commercial</p> <p>a. Progress Claim No.2 – Payment Certificate and Tax Invoice have been prepared, awaiting confirmation of payment by GCRT. Potential variations were not included in Progress Claim No.2 – pending further discussion by Refuse Sch.4 in January.</p>	<p>Refuse Sch.4 Part</p>	<p>asap</p>
<p>11. Quality System (SCC CI 9)</p> <p>a. Quality Mgt Plan deemed suitable.</p> <p>b. No quality related issues reported.</p>	<p>Note</p> <p>Note</p>	
<p>12. Environmental Management (SCC CI 10 & MRTS51.1)</p> <p>a. Revised Enviro' Mgt Plan - DA provided comments on 23/12. Sch.4 to follow up.</p> <p>b. Environmental inspections to be held every Wednesday. Sch.4 to send invites. Sch.4 to attend the inspections on behalf of SMEC. Sch.4 will attend the inspections whenever Sch.4 is unavailable.</p> <p>c. DERM visited the Site on 19 Jan – general discussion about the Works, environmental mgt, permits required, and followed by a full site inspection.</p> <p>d. Sch.4 advised that DERM will be informed of any future need to remove trees. Sch.4 noted the importance of minimising the need for removal of rare/unique species of trees.</p> <p>e. Flora/Fauna assessment report has been completed. Spotters are required on Site for inspections whenever flora/fauna is impacted.</p> <p>f. Cascade Gardens – need for a “prescribed tidal works application”/permit – Refuse Sch.4 Part to review and advise asap.</p>	<p>Refuse Sch.4 Part</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Refuse Sch.4 Part</p>	<p>Ongoing</p> <p>Ongoing</p> <p></p> <p></p> <p></p> <p></p> <p>Urgent</p>
<p>13. Traffic Management (SCC CI 12)</p> <p>a. TMLG approved the Traffic Mgt Plan at TMLG No.1 held on 18/11, with conditions. SMEC noted that the TMP is deemed suitable, with conditions. TMP to be revised prior to next TMLG meeting (to be held on 5/2).</p> <p>b. Traffic Change Notification - Person to be responsible for notifying TMR Traffic Management Centre of traffic changes – currently 4 Part 4 s.6 Personal</p> <p>c. TGS for Proposed U Turn at Via Roma - to be submitted as a separate TGS; Refuse Sch.4 Part to follow up.</p> <p>d. TGS for Emergency Road/Traffic works - a separate TGS to be prepared asap.</p>	<p>Note</p> <p>Refuse Sch.4 Part</p> <p>Note</p> <p>Refuse Sch.4 Part</p>	<p>2/2</p> <p>2/2</p> <p>2/2</p>

<p>e. <u>ITS Maintenance</u> Sch. is finalising review of GCCC maintenance records of traffic signals; details to be provided for TMLG meeting to be held on 5/2)</p> <p>f. Submission of a fortnightly spreadsheet outlining road closures – GCCC and GCRT are satisfied with submission of fortnightly spreadsheet outlining road closures - on a weekly basis. Sch. also circulate to Part Refuse Sch.4 Part 4 s.6 (GCRT) in future.</p> <p>g. Meeting to be held today Part Refuse Sch.4 Part 4 s.6 regarding removal of traffic signal loops.</p>	<p>TW</p> <p>PB/DF</p> <p>t 4 s.</p> <p>Note</p>	<p>2/2</p> <p>Weekly</p> <p>Ongoing</p>
<p>14. Community Liaison (SCC CI 13).</p> <p>a. Sch. advised that the communication packages to property owners have been sent out. Sch. also noted that the packages include information regarding notice of entry, initial letter about the work detail, etc – details to be provided to Refuse Sch.4 Part 4 s.6</p> <p>b. Complaints received since last meeting:</p> <ol style="list-style-type: none"> Complaint received h.4 Part 4 s.6 Personal Armrick - high volume of traffic still coming into Armrick and performing U-turns. Additional signage placed on Surf Pde. South & North approaches (Monday). Complaint received regarding lack of notifications from flat owner in Ipenama - Body corporate issue resolved t 4 s. Complaint via door knocking about noise in compound from resident in Fredrick St - took details and provided contact card for future communication. Complaint from GC Bridge Club Part 4 s.6 Personal about bus stop closure- forwarded .pdf flyer to display at club. t 4 s. attended meeting with Thornton Towers residents on 14 Jan(pm). Residents were unhappy about traffic changes that will be occurring post- Baulderstone Contract works. h.4 Part 4 s.6 Personal Armrick - issue with loading zone Refuse Sch.4 Part 4 s.6 Personal Refuse Sch.4 Part 4 s.6 Personal inform – forwarded info to Part 4 s.6 for consideration. <p>c. New CAP process Refuse Sch.4 Part 4 s.6 to discuss, then followed by presentation by Refuse Sch.4 Part 4 s.6</p> <p>d. Refuse Sch.4 Part 4 s.6 to provide Refuse Sch.4 Part 4 s.6 a list of “high profile/sensitive” persons/parties in order for BQPL field staff to better appreciate stakeholder risk.</p> <p>e. It appears that land holders may not have been advised full details of accommodation works by GCRT. BQPL to take this into account when approaching land holders.</p> <p>f. Sch. advised that the site hoardings to be installed on Tues 25/1 – Safety Inductions to be arranged for GCRT contractor prior to commencement of works.</p> <p>g. Reminder - the 1800 phone number is to be issued to all public/3rd parties, avoid face to face discussions during site works.</p> <p>h. White light poles at southern end of site Refuse Sch.4 Part 4 s.6 to prepare dwg for Refuse Sch.4 Part 4 s.6 identifying any need for relocation or removal of any of these white light poles for consideration.</p> <p>i. Removal of bus shelters – planned to commence removal and storage to GCCC Depot starting on Mon 24/1 at the earliest.</p> <p>j. Corflute signs – roadside advice for businesses affected by TGS's Refuse Sch.4 Part 4 s.6 to prepare. (Post Meeting Note Part Refuse Sch.4 Part 4 s.6 to liaise with Refuse Sch.4 Part 4 s.6 to determine suitable locations for temporary erection)</p>	<p>t 4 s.</p> <p>Note</p> <p>Refuse Sch.4 Part 4 s.6</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Refuse Sch.4 Part 4 s.6</p>	<p>Ongoing</p> <p>asap</p> <p>28/1</p> <p>Monthly</p> <p>Ongoing</p> <p>25/1</p> <p>Ongoing</p> <p>asap</p> <p>24/1</p> <p>31/1</p>
<p>15. Other Stakeholder Interfaces</p> <p>a. No issues for discussion.</p>		
<p>16. Cultural Heritage (MRTS51.1 CI 4)</p> <p>a. Initial induction to be completed prior to commencement of excavation works, does not impact median removal. Inductions to be organised for Early Feb by Refuse Sch.4 Part 4 s.6</p>	<p>Refuse Sch.4 Part 4 s.6</p>	<p>Early Feb</p>

<p>b. Traditional owners may wish to have observers present on Site when works at Cascade Gardens commence (ongoing note for meeting minutes)</p> <p>c. Sch. to circulate information regarding dismantling and storage of Pink Poodle sign to GCCC depot in due course.</p>	<p>Note</p> <p>refuse Sch.4 Pa</p>	<p>Ongoing</p> <p>asap</p>
<p>17. Relationship Management. (SCC CI 43.6)</p> <p>a. Draft KPI Schedule – issued to PLG members for discussion at PLG Meeting No.2 (24/1/11).</p> <p>b. Sch. to arrange all staff to sign the Charter document.</p> <p>c. Sch. advised that he has corresponded with BQPL psychologist regarding Relationship Health questionnaire. Sch. to follow up.</p>	<p>Note</p> <p>refuse Sch.4 Pa</p>	<p>24/1</p> <p>31/1</p>
<p>18. Project Leadership Group (SCC CI 43.7)</p> <p>a. Next meeting re-scheduled for Monday 24/1 (8am) at Site Office.</p> <p>b. Dec 2010 Monthly Report and Contractor's Performance have been circulated by Sch. to PLG Members.</p>	<p>Note</p> <p>Note</p>	<p>24/1</p>
<p>19. Local Industry Participation Plan (SCC CI 43.10)</p> <p>a. Plan submitted on 01/11/10. Initial submission under review by SMEC and GCRT. Sch. to confirm acceptance of LIPP to PA asap.</p> <p>b. Sch. provided Sch. with LIP Schedule – to be completed by BQPL and included in Monthly Reports.</p>	<p>use Sch.4 F</p>	<p>Ongoing</p> <p>Monthly</p>
<p>20. Employee Relations Plan (SCC CI 43.14)</p> <p>a. Industrial Relations Plan - Shall be a stand-alone document, not to be an appendix to the Community Liaison Plan. Sch. previously advised that Draft IR Plan under review; to be finalised and submitted to Sch asap. Sch. to then forward to Sch. or further review.</p>	<p>use Sch.4 P</p>	<p>Ongoing</p>
<p>21. Risk Management</p> <p>a. PUP's are all subject to delayed design provision, potential for delay risks being incurred. Aurecon are still resolving 3D (12D model) review of PUP clashes.</p> <p>b. PUP – potholing to verify exact location of services.</p> <p>c. Impacts from Floods – supply of materials, Telstra/APA potential delays</p> <p>d. Vacant possession of properties should be achieved well in time with the contract dates – potential issues with squatters, etc.</p> <p>e. Asbestos – risk to be examined at earliest possible opportunity (access to St Moritz, etc); see Item 2d above. Sch. noted that access to the buildings will be possible at the first week of Feb.</p> <p>f. Weather</p> <p>g. Traffic</p> <p><u>Potential Delays:</u></p> <p>i. Caltex (engagement of Otek to undertake decontamination works, removal of pumps, awnings, date for Caltex to cease operations, Telstra/Energex works)</p> <p>ii. General Signage – resolution of sign relocation, etc. Sch. noted that meeting with D'Arcy Arms to be held on 28/1. Sch. also noted that Sch. agreed that Aurecon will design footing for the relocation of the Club Surfers advertising sign (tennis racquet design).</p>	<p>Note</p> <p>Note</p>	
<p>22. Other</p> <p>a. Sch. previously advised that GCRT are planning to position a graduate engineer on the project within the CA team, starting in mid-Jan 2011 – date to be confirmed. Sch. to follow up with Sch.4</p> <p>b. A copy of the industry training submission from BQPL has been sent from Sch. to Sch.4 F. Sch. noted that the copy is just for GCRT record. Sch. to follow up with Sch.4</p> <p>c. Sch. requested that GCCC are kept in the communication circle with regard to traffic management issues, traffic signal modifications, waste mgt issues, departures from original design where there may be an impact with GCCC,</p>	<p>refuse Sch.4 Pa</p> <p>ALL</p>	<p>Ongoing</p>

<p>etc.</p> <p>d. Fig trees in Wharf Rd are likely to be removed, pending finalisation of Aurecon design.</p> <p>e. efuse Sch.4 Parts leaving GCRT today, to be replaced by Refuse Sch.4 Part</p>	<p>Note</p> <p>Note</p>	
<p>23. Next meeting:</p> <p>Thursday 17 February 2011; 10am at Site office conference room</p> <ul style="list-style-type: none"> - Invitations to be updated 	<div style="border: 1px solid red; padding: 2px; width: fit-content;"> efuse Sch.4 Pa </div>	

Released under RTI - DTMR

Site Meeting No. 6 Minutes

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Job Number: 230/LR10/1C
Date: Thursday 17 February 2011 (10:10 to 11:40 am)
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy

Attendance:

<p>GCRT / GCCC</p> <p>[Redacted] GCRT – Early Works Manager (see Sch.4) Refuse Sch.4 Part [Redacted] – Communications Place Manager (see Sch.4) [Redacted] – Senior Project Officer (see Sch.4)</p> <p>BQPL</p> <p>[Redacted] Project Manager (see Sch.4 P) Refuse Sch.4 Part 4 [Redacted] Senior Project Engineer (see Sch.4) [Redacted] Act'g/BPQL Community & Stakeholder Coordinator (see Sch.4)</p>	<p>SMEC</p> <p>[Redacted] Refuse Sch.4 Part 4 Superintendent (see Sch.4) [Redacted] Refuse Sch.4 Part 4 Superintendent's Rep. (see Sch.4 P) [Redacted] Refuse Sch.4 Part 4 Project Engineer (see Sch.4 P) [Redacted] Refuse Sch.4 Part 4 s Engineer/Site Administrator (see Sch.4)</p>
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Optional:

Apologies:

<p>[Redacted] Project Engineer (see Sch.4) Refuse Sch.4 Part [Redacted] Inspector (see Sch.4) [Redacted] BPQL Community & Stakeholder Coordinator (see Sch.4 F)</p>

	Action By	Date
<p>Previous Minutes – Previous Meeting Minutes (Meeting No.5 held on 20 Jan 2011) accepted as correct.</p>		
<p>1. Contract Dates:</p> <p>a. Date of Acceptance (DoA) – 20 October 2010. b. Original date for PC 25 October 2011 c. No EOT's have been issued. BQPL have submitted notification of claim for EOT (dated 14 Feb) advising that due to impact of Telstra design (particularly the large Telstra pit to be constructed on east side of GC Hwy between Fern St and Wharf Rd) and consequential effects, that the date for PC could be delayed to 8 March 2012. d. Potential delays to the progress of the Works have been recognized, but yet to be analysed:</p> <ul style="list-style-type: none"> - Impacts to program due to Telstra design/works - Impacts to program due to Energex design/works - Club Surfers (electrical works inside property across internal bridge) - D'Arcy Arms (likely design changes for property works) - Asbestos removal (St Moritz & Anita Apartments) - Caltex site (and related impact to Telstra and Energex works) 		

<p>2. Workplace Health & Safety (SCC CI 11)</p> <p>a. Revised Safety Mgt Plan: current SMP is acceptable.</p> <p>b. Crisis Mgt Plan: to be updated to include DTMR emergency contact flowchart (also noted in Construction Safety Audit – see Item (j) below).</p> <p>c. Site Safety walks: Ongoing every Friday starting at 6:30am.</p> <p>d. Toolbox talks: Cultural Heritage Toolbox talk to be presented on site on Tues 22 Feb (am).</p> <p>e. Removal of asbestos has commenced at St Moritz apartments during week commencing 14 Feb.</p> <p>f. Accidents/incidents to report: Sch. provided an overview of an electrical shock dangerous occurrence that occurred at Club Surfers site works on 14 Feb – notifiable incident; DTMR have been formally advised of the incident. A first aid treated injury (leg puncture) occurred in late Jan at the Retaining Wall works at the Vets/Surf City Church works zone (non-notifiable incident).</p> <p>g. Safety Inductions to be held every weekday (6:30am start) or alternatively on an “as requested” basis.</p> <p>h. BQPL safety officer: efuse Sch.4 Pa has been appointed as full-time SO for the project.</p> <p>i. Online induction system a Sch. advised that online system is now operational for new inductees, online induction can be undertaken off-site.</p> <p>j. Construction Safety Audit commenced on 16 Feb and to be completed on 18 Feb (auditors: SMEC & GCRT reps). Report to be finalised by SMEC and circulated to BQPL and GCRT next week.</p> <p>k. Demolition works: BQPL to submit ITP’s and SWMS asap; demolition of St Moritz to commence first.</p>	<p>efuse Sch.4 Pa</p> <p>efuse Sch.4 Pa</p>	<p>asap</p> <p>25/2</p> <p>asap</p>
<p>3. Actions outstanding from prestart meeting:</p> <p>a. (7.1b) Rise & Fall a Sch. follow-up the need to prepare an instruction to revise the rise and fall provisions to include bitumen only.</p> <p>b. (9.1a) Formal Instrument of Agreement - has been previously forwarded to BQPL. Sch. has noted numerous discrepancies (dates, missing docs, etc); Sch. forwarded details from BQPL via email to 4 s. on 22/12. 4 s. is currently following up with GCRT contracts team.</p> <p>c. (14.1) Licenses and Permits</p> <p>i. a Sch. check on building certification for the RW inside the boundary of properties. Aurecon to arrange for design certification.</p> <p>d. (44.1) Portable Long Service Levy Sch. provided receipt to BQPL, no further action.</p>	<p>efuse Sch.4 Pa</p> <p>Note</p>	
<p>4. Site. (GCC CI 27)</p> <p>a. Sch. noted that the current night works will be completed on the evening of 17 Feb.</p> <p>b. Handover of vacant properties: completed prior to 10 Feb. GCRT handed over Club Surfers site on 10 Feb.</p> <p>c. Installation of the 2 site project signs has been completed.</p>	<p>Note</p> <p>Note</p> <p>Note</p>	
<p>5. Design – refer to minutes from Design Issues meetings.</p> <p>a. It was agreed that Aurecon (Designer) should not be included in Project Centre; RFI and DRR process operating satisfactorily.</p> <p>b. Surf City Church – Aurecon have provided design details for completing stairs and ramps; GCRT have given the go-ahead for BQPL to remove/replace old wooden stairs (infested with white ants).</p> <p>c. Stormwater design – possible design problem on western side of GC Hwy (northern section) – RFI to be initiated by BQPL for review.</p> <p>d. PUP Design Clash Review: Part 4 s.6 Pe (Aurecon) is still reviewing clashes of PUP’s.</p> <p>e. Deployment of Aurecon resource to site to be investigated by GCRT</p>	<p>Note</p> <p>Note</p> <p>Note</p> <p>efuse Sch.4 Pa</p>	<p>asap</p> <p>Ongoing</p>

<p>6. Public Utility Plant (SCC CI 23)</p> <p>a. Refer to Design Issues meetings & PUP meetings. Meetings with (Telstra, Energex, et al, are ongoing.</p> <p>b. [4 s] noted that PUP relocations remain a <u>significant challenge</u> to the project.</p>	<p>Note</p> <p>Note</p>	
<p>7. Construction Program (GCC CI 33.2 & SCC CI 8)</p> <p>a. Construction Program (Rev.2) was submitted by BQPL on 14/2 as part of notification of Claim for EOT; currently under review by SMEC. This program outlines a delay of 5 months to the date for [4 s].</p>	<p>[Refuse Sch.4 Part]</p>	<p>28/2</p>
<p>8. Construction Issues</p> <p>a. The contents of BQPL Weekly Report (week ending 11/2/2011) were discussed. <u>Key activities:</u></p> <ul style="list-style-type: none"> - Club Surfers modifications works, - Energex works (Padmount relocation, conduits, etc), - Second Ave – works nearing completion, - Armrick/Australia Ave – drainage works, - Backfilling works adjacent to RW at Vets/Surf City Church to commence shortly, - Telstra works on west side of GC Hwy, - Watermain works to commence next week, - Demolition works at Sherwood Court to commence next week. <p>b. <u>GCCC road dilapidation surveys</u> → [Sch.] as completed the survey of all side streets – 2 copies of the report to be provided to [Sch] asap. BQPL need to complete road dilapidation survey of Via Roma and TE Peters Drive as part of this dilapidation survey.</p> <p>c. <u>Caltex Site:</u> site closed by Caltex on 14/2, Otek plan of works in progress, BQPL requested that the south/West corner of the Otek works zone to be made available to BQPL asap to enable works associated with the large Telstra pit to commence. [Sch] to chase Otek for program of their works. [Sch] clarified that Otek will be responsible for removal of all existing Caltex signs.</p> <p>d. <u>Telstra Pit/Energex works:</u> impact of Telstra & Energex works along GC Hwy between Fern St and Wharf Rd under further consideration following PLG Meeting of 17/2(am).</p> <p>e. <u>PUP:</u> Note discussion above regarding Telstra/Energex. Next Telstra meeting arranged for Mon 21/2.</p> <p>f. <u>Duty Free Store:</u> GCRT to direct BQPL as to the depth below finished road level to which the retaining wall(s) must be demolished. Sketch of location & details need to be advised to GCCC [4 s]. As-cons to be provided later.</p>	<p>Note</p> <p>[Refuse Sch.4 Part]</p> <p>[Refuse Sch.4 Part]</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>[Refuse Sch.4 Part]</p>	<p></p> <p>asap</p> <p>asap</p> <p></p> <p></p> <p></p>
<p>9. Variations (GCC CI 40)</p> <p>a. [Refuse Sch.4 Part] continue to have weekly discussions regarding potential Variations and valuation of variations.</p> <p>b. Daily works records are being kept for any potential variations.</p> <p>c. 110kV Energex cables – possible Variation for potholing, under review.</p>	<p>Note</p> <p>Note</p> <p>[Refuse Sch.4 Part]</p>	<p>Ongoing</p> <p></p> <p>25/2</p>
<p>10. Commercial</p> <p>a. Progress Claim No.3 has been processed; GCRT confirmed on 16 Feb that payment of Tax Invoice No.3 has been completed.</p>		
<p>11. Quality System (SCC CI 9)</p> <p>a. Quality Mgt Plan: Rev.6 of QMP was submitted by BQPL on 16/2; SMEC to review.</p>	<p>[Refuse Sch.4 Part]</p>	<p>25/2</p>
<p>12. Environmental Management (SCC CI 10 & MRTS51.1)</p> <p>a. Revised Enviro' Mgt Plan - DA provided comments on 23/12. [4 s] to re-issue Revised Enviro' Mgt Plan asap.</p> <p>b. Environmental inspections to be held every Wednesday (11am): No further discussion.</p>	<p>[Refuse Sch.4 Part]</p>	<p>Urgent</p> <p>Ongoing</p>

<p>c. DERM: <u>Refuse Sch.4</u> to advise DERM of recent Allconex works along GC Hwy and of the likelihood of future nightworks to be undertaken by BQPL (in approx' 2 weeks time).</p> <p>d. Flora/Fauna assessment report has been completed. Spotters are required on Site for inspections whenever flora/fauna is impacted (wherever deemed necessary by the fauna expert).</p> <p>e. <u>Cascade Gardens</u> <u>Refuse Sch.4</u> to follow up with regard to the status of the Tidal Works application/permit (likely to be granted in March).</p>	<p><u>Refuse Sch.4 Part</u></p> <p><u>Refuse Sch.4 Part</u></p>	<p>asap</p> <p>Ongoing</p> <p>Monitor</p>
<p>13. Traffic Management (SCC CI 12)</p> <p>a. Traffic Mgt Plan: PB to update asap. A copy to be issued to <u>Refuse Sch.4 Part</u> once approved.</p> <p>b. <u>Traffic Change Notification</u> - Person to be responsible for notifying TMR Traffic Management Centre of traffic changes – currently <u>Refuse Sch.4 Part</u></p> <p>c. <u>TGS for Proposed U Turn at Via Roma</u> → <u>Sch.</u> noted that TGS007 has been submitted and deemed suitable.</p> <p>d. <u>TGS for Emergency Road/Traffic works</u> → <u>Sch.</u> noted that TGS005 has been submitted and deemed suitable.</p> <p>e. Submission of a fortnightly spreadsheet outlining road closures <u>Refuse Sch.4 Part</u> noted no changes to the details provided in the spreadsheet over the past 3 weeks. An update of the spreadsheet to be submitted to <u>Refuse Sch.4 Part</u> this week for distribution to GCCC, GCRT, et al. <u>Refuse Sch.4 Part</u> requested <u>Refuse Sch.4 Part</u> to inform him even if there is no change.</p> <p>f. Next TMLG meeting scheduled for 2/3. <u>Refuse Sch.4 Part</u> (GCRT) to be invited. <u>Refuse Sch.4 Part</u> to circulate meeting minutes and invitations asap.</p>	<p><u>Refuse Sch.4 Part</u></p> <p>Note</p> <p>Note</p> <p><u>Refuse Sch.4 Part</u></p>	<p>asap (23/2)</p> <p>Ongoing</p> <p>Weekly</p> <p>25/2</p>
<p>14. Community Liaison (SCC CI 13).</p> <p>a. <u>Complaints received since last meeting:</u></p> <p>i. <u>Complaint from resident</u> <u>Refuse Sch.4 Part 4 s.6</u> <u>Refuse Sch.4 Part 4 s.6</u> spoke to resident regarding complaint, matter closed.</p> <p>b. New CAP process: accepted by SMEC and BQPL and to be used for all future CAP's</p> <p>c. <u>Refuse Sch.4 Part 4 s.6 Personal information</u></p> <p>d. Reminder - the 1800 phone number is to be issued to all public/3rd parties, avoid face to face discussions during site works.</p> <p>e. White light poles at southern end of site: <u>Sch.</u> is awaiting Aurecon's streetlighting design to be completed prior to further review of whether the existing White Light Poles should be relocated or removed.</p> <p>f. Corflute signs – roadside advice for businesses affected by TGS's; 6 Nos. installed thus far, additional signs to be installed asap.</p> <p>g. Temp bus bays now in operation. For the next stage, a "platform" will need to be provided at Second Ave for passengers to step to/from. BQPL to source suitable precast units</p>	<p>Note</p> <p>Note</p> <p><u>Refuse Sch.4 Part</u></p> <p>Note</p> <p><u>Refuse Sch.4 Part</u></p> <p><u>Refuse Sch.4 Part</u></p>	<p>Ongoing</p> <p>10/3</p> <p>asap</p>
<p>15. Other Stakeholder Interfaces</p> <p>a. No items for discussion.</p>		
<p>16. Cultural Heritage (MRTS51.1 CI 4)</p> <p>a. Initial induction to be completed prior to commencement of excavation works, does not impact median removal. Induction organised for 22 Feb (10am).</p> <p>b. Traditional owners may wish to have observers present on Site when works at Cascade Gardens commence (ongoing note for meeting minutes).</p>	<p><u>Refuse Sch.4 Part</u></p> <p>Note</p>	<p>22 Feb</p> <p>Ongoing</p>

<p>17. Relationship Management. (SCC CI 43.6)</p> <p>a. KPI Schedule: Following discussion at PLG meeting held on 17/2; Refuse Sch.4 Part to finalise,</p> <p>b. Charter: Sch. to frame and display Project Charter in Site Office</p> <p>c. Relationship Health questionnaire; Sch. to finalize results of Jan 2011 questionnaires.</p>	<p>Refuse Sch.4 Part</p>	<p>asap</p> <p>asap</p> <p>asap</p>
<p>18. Project Leadership Group (SCC CI 43.7)</p> <p>a. PLG meeting held on Thurs 17/2 (8am) at Site Office.</p> <p>b. Next meeting re-scheduled for Friday 11/3 (8am) at Site Office. Site Progress Meetings to be held prior to future PLG meetings.</p> <p>c. Jan 2011 Monthly Report was circulated by Sch. to PLG Members on 16/2.</p>	<p>Note</p>	<p>11/3</p>
<p>19. Local Industry Participation Plan (SCC CI 43.10)</p> <p>a. Plan submitted on 01/11/10. Initial submission under review by SMEC and GCRT. Sch. to confirm acceptance of LIPP to PA asap.</p> <p>b. LIP Schedule – to be completed by BQPL and included in Monthly Reports. Sch. to liaise with Sch. for data details to be provided in Monthly report.</p>	<p>Refuse Sch.4 Part</p>	<p>Ongoing</p> <p>Monthly</p> <p>Monthly</p>
<p>20. Employee Relations Plan (SCC CI 43.14)</p> <p>a. Industrial Relations Plan - Shall be a stand-alone document; not to be an appendix to the Community Liaison Plan. SC previously advised that Draft IR Plan under review; to be finalised and submitted to Sch. asap. Sch. to then forward to Sch. for further review.</p>	<p>Refuse Sch.4 Part</p>	<p>Ongoing</p> <p>3rd week of Feb</p>
<p>21. Risk Management</p> <p>a. PUP's are all subject to delayed design provision, potential for delay risks being incurred. Aurecon are still resolving 3D (12D model) review of PUP clashes.</p> <p>b. PUP – potholing to verify exact location of services</p> <p>c. Impacts from Floods – supply of materials, Telstra/APA potential delays</p> <p>d. Weather</p> <p>e. Traffic</p> <p>Potential Delays: Refer to Item 1 above.</p>	<p>Note</p>	
<p>22. Other</p> <p>a. A copy of the industry training submission from BQPL has been sent from Sch. to Sch. Sch. noted that the copy is just for GCRT record. Sch. to follow up with Sch. Sch. F</p> <p>b. Fig trees in Wharf Rd are likely to be removed, pending finalisation of Aurecon design.</p> <p>c. Neddy Harper Park temporary bus stop – Comments from Sch. (Refuse Sch.4 Part) have been passed to Sch. (Aurecon) for further consideration.</p> <p>Meeting closed at 11:40am.</p>	<p>Refuse Sch.4 Part</p> <p>Note</p> <p>Note</p>	<p>Ongoing</p>
<p>23. Next meeting:</p> <p>Thursday 10 March 2011; 8am at Site office conference room</p> <p>- Invitations to be updated</p>	<p>Refuse Sch.4 Part</p>	

Site Meeting No. 7 Minutes

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Job Number: 230/LR10/1C
Date: Thursday 10 March 2011 (8:00 to 10:15 am)
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy

Attendance:

<p>GCRT / GCCC GCRT – Early Works Manager Refuse Sch.4 Part 4 – Communications Place Manager – Senior Project Officer BQPL Refuse Sch.4 Part 4 – Project Manager Senior Project Engineer (MW) Act'g/BPQL Community & Stakeholder Coordinator</p>	<p>SMEC Refuse Sch.4 Part 4 Superintendent Refuse Sch.4 Part 4 Superintendent's Rep. () Refuse Sch.4 Part 4 – Project Engineer Refuse Sch.4 Part 4 Engineer/Site Administrator (AM)</p>
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Optional:

Apologies:

	Action By	Date
<p>Previous Minutes – Previous Meeting Minutes (Meeting No.6 held on 17 Feb 2011) accepted as correct.</p>		
<p>1. Contract Dates: a. Date of Acceptance (DoA) – 20 October 2010. b. Original date for PC 25 October 2011 c. No EOT's have been issued. BQPL have submitted notification of claim for EOT (dated 14 Feb) advising that due to impact of Telstra design (particularly the large Telstra pit to be constructed on east side of GC Hwy between Fern St and Wharf Rd) and consequential effects, that the date for PC could be delayed to 8 March 2012. SMEC to respond to the submitted EOT asap. d. Potential delays to the progress of the Works have been recognized, but yet to be analysed: - Impacts to program due to Telstra design/works - Impacts to program due to Energex design/works - Club Surfers (electrical works inside property across internal bridge) - D'Arcy Arms (likely design changes for property works) - Asbestos removal (St Moritz & Anita Apartments) - Caltex site (and related impact to Telstra and Energex works) - Stormwater drainage works at Armrick St (due to clashes)</p>	SMEC to Respond	14/3

<p>2. Workplace Health & Safety (SCC CI 11)</p> <p>a. <u>Revised Safety Mgt Plan</u>: current SMP is acceptable.</p> <p>b. <u>Crisis Mgt Plan</u>: No item for discussion.</p> <p>c. <u>Site Safety walks</u>: Ongoing every Friday starting at 6:30am.</p> <p>d. <u>Toolbox talks</u>: Ongoing. Tuesday mornings 6:30am with the last Tuesday of the month for the Safety Committee to attend.</p> <p>e. <u>Removal of asbestos</u>: Ongoing at Anita apartments. Report for St. Moritz has been completed. Inspection at Holiday North has been completed, awaiting report.</p> <p>f. <u>Accidents/incidents to report</u>: None to report.</p> <p>g. <u>Safety Inductions</u>: ongoing. Held every weekday (6:30am start) or alternatively on an "as requested" basis.</p> <p>h. <u>Online induction system</u> – Sch. advised that online system is now operational for new inductees, online induction can be undertaken off-site.</p> <p>i. <u>Construction Safety Audit</u> – Sch. advised that online system is now operational for new inductees, online induction can be undertaken off-site.</p> <p>j. <u>Demolition works</u>: Demolition of St Moritz ongoing. Shoring of basement before major demolition to be completed. Breach notice issued to subcontractor by BQPL in relation to Saturday works unsupervised by BQPL.</p>	<p>use Sch.4 P</p>	<p>asap</p>
<p>3. Actions outstanding from prestart meeting:</p> <p>a. <u>(7.1b) Rise & Fall</u> - 4 s. to follow-up the need to prepare an instruction to revise the rise and fall provisions to include bitumen only.</p> <p>b. <u>(9.1a) Formal Instrument of Agreement</u> - has been previously forwarded to BQPL. 4 s. has noted numerous discrepancies (dates, missing docs, etc). Sch. forwarded details from BQPL via email to TS on 22/12. GCRT have updated the contract documents and forwarded them on to BQPL. 4 s. to follow up.</p> <p>c. <u>(14.1) Licenses and Permits</u></p> <p>a Sch. to check on building certification for the RW inside the boundary of properties. Aurecon to arrange for design certification. Sch. to obtain certified designs (via Aurecon) for Club Surfers.</p> <p>d. Relocation of private sewer in front of Club Surfers which is now located in the resumed road reserve. Noted the need to follow GCCC process. Sch. to support and expedite this matter. Sch. to follow up.</p>	<p>fuse Sch.4 P</p>	<p>asap</p> <p>asap</p> <p>asap</p>
<p>4. Site (GCC CI 27)</p> <p>a. Neddy Harper Park – electricity supply and second access. BQPL to install visual screening around GC Hwy side and fence off access.</p> <p>b. Works to rehabilitate Lots 1 & 2 (b/n Vets and Surf City Church) soon to be completed. Photos to be taken and emailed to Sch upon completion.</p> <p>c. It was observed during GCCC's resurfacing works in Genoa St that a profiler was reversed onto GC Hwy at the signalised intersection. Sch. to follow up.</p> <p>d. Tree planting at Wharf Rd has commenced</p> <p>e. Footpath maintenance has commenced by GCCC in surrounding streets.</p>	<p>fuse Sch.4 P</p> <p>Note</p>	<p>asap</p> <p>asap</p> <p>asap</p>
<p>5. Design – refer to minutes from Design Issues meetings.</p> <p>a. Stormwater design – Cascade Gardens main SW discharge to go under 110kV - under review. Sch. to follow up with Aurecon.</p> <p>b. PUP Design Clash Review (Aurecon) is still reviewing clashes of PUP's.</p> <p>c. PUP Design Clash review: Fern St to Cannes completed with Cannes to Monte Carlo to begin next. Potholing continuing for ø300mm. Sch. to follow up.</p> <p>d. Deployment of Aurecon resource to site to be investigated by GCRT.</p> <p>e. Awaiting approval of Energex design of crossings, in particular the 110kV crossing. TS to follow up cost.</p> <p>f. The SW re-design for the Northern section of works has been deemed satisfactory.</p> <p>g. use Sch.4 P Aurecon) to be invited to the next Design Issues meeting on Wednesday 16/03. Sch. to arrange invite.</p>	<p>efuse Sch.4 P</p>	<p>asap</p> <p>asap</p> <p>asap</p>

<p>6. Public Utility Plant (SCC CI 23)</p> <p>a. Refer to Design Issues meetings & PUP meetings. Meetings with (Telstra, Energex, et al, are ongoing.</p> <p>b. PUP relocations remain a <u>significant challenge</u> to the project.</p> <p>c. Telstra works - currently still out to tender, however, should begin works end of April. 4 s; awaiting feedback.</p> <p>d. use Sch.4 P to assess whether there is any benefit of temporary covering of existing Telstra pits to allow for traffic.</p> <p>e. Pipe Networks (Vodafone) are consulting with Sch to be included in works to feed through Telstra network. Sch to follow up.</p> <p>f. e Sch.4 to arrange the next PUP meeting with e Sch.4 to include use Sch.4 P Aurecon).</p>	<p>Note</p> <p>Ongoing</p> <p>Note</p> <p>Refuse Sch.4 Part</p>	
<p>7. Construction Program (GCC CI 33.2 & SCC CI 8)</p> <p>a. Construction Program (Rev.2) was submitted by BQPL on 14/2 as part of notification of Claim for EOT; currently under review by SMEC. This program outlines a delay of 5 months to the date for PC.</p>	<p>efuse Sch.4 Part</p>	<p>18/3</p>
<p>8. Construction Issues</p> <p>a. The contents of BQPL Weekly Report (week ending 04/3/2011) were discussed. <u>Key activities:</u></p> <ul style="list-style-type: none"> - Club Surfers modifications works, - Energex works (Padmount relocation, conduits, etc), - Second Ave – works nearing completion, pavement works begun but delayed by weather. Moving to Stage 2. Issue with Rose Court access and potential conflict with water main, Telstra and Energex. - Armrick Ave – drainage works - slow progress due to PUP clashes. - Backfilling works adjacent to RW at Vets/Surf City Church, - Telstra works on west side of GC Hwy, - Watermain works – BQPL to check Drawings for design of thrust blocks. - Demolition works at Sherwood Court & St Moritz. <p>b. GCCC road dilapidation surveys - Road dilapidation report completed e Sch.4 to issue CD-Rom to use Sch.4</p> <p>c. <u>Caltex Site:</u> site closed by Caltex on 14/2. e Sch.4 to chase Otek for program of their works. Sch has passed a copy of Otek's scope of works to BQPL. Sch advised that Caltex is proposing to charge e Releva per month for closure.</p> <p>d. <u>Telstra Pit/Energex works:</u> impact of Telstra & Energex works along GC Hwy between Fern St and Wharf Rd under further consideration following PLG Meeting of 17/2(am).</p> <p>e. <u>PUP:</u> Note discussion above regarding Telstra/Energex.</p> <p>f. <u>Duty Free Store:</u> GCRT to direct BQPL as to the depth below finished road level to which the retaining wall(s) must be demolished. Sketch of location & details need to be advised to GCCC e Sch.4 As-cons to be provided later. e Sch.4 to provide use Sch.4 P sketches that have been issued to se Sch.4</p>	<p>Note</p> <p>efuse Sch.4 Part</p> <p>se Sch.4 f</p>	<p>asap</p> <p>asap</p> <p>asap</p>
<p>9. Variations (GCC CI 40)</p> <p>a. efuse Sch.4 Par continue to have weekly discussions regarding potential Variations and valuation of variations.</p> <p>b. Daily works records are being kept for any potential variations.</p>	<p>Note</p> <p>Note</p>	<p>Ongoing</p>
<p>10. Commercial</p> <p>a. Progress Claim No.4: Payment certificate issued to Sch.4 with copy to Sch.4 on 4/3. Sch.4 to arrange processing of payment following submission of Tax Invoice by e Sch.4</p>	<p>efuse Sch.4 P</p>	
<p>11. Quality System (SCC CI 9)</p> <p>a. Quality Mgt Plan: Rev.6 of QMP was submitted by BQPL on 16/2; SMEC have no comment on update – deemed suitable.</p> <p>b. Quality Audit to be conducted by SMEC on BQPL systems e Sch.4 to confirm date of audit asap.</p>	<p>Note</p> <p>se Sch.4 P</p>	<p>asap</p>

<p>12. Environmental Management (SCC CI 10 & MRTS51.1)</p> <p>a. Revised Enviro' Mgt Plan - Currently under review by Sch. feedback to be provided asap.</p> <p>b. Environmental inspections to be held every Wednesday (11am): BQPL to extend invite to Refuse Sch.4 Part 1 member of SMEC team to attend weekly inspections.</p> <p>c. Cascade Gardens Sch. to follow up with regard to the status of the Tidal Works application/permit (likely to be granted in March). Sch. noted that DERM have issued a request to GCRT for more information to be provided in order to complete the review of application.</p> <p>d. Aurecon to finalise adjacent design of the Stormwater works and 110kV crossings with relation to the clearance of vegetation through Cascade Garden (re: Clearing permit, etc).</p>	<p>Refuse Sch.4 Part</p> <p>Aurecon</p>	<p>Urgent</p> <p>Ongoing</p> <p>Monitor</p>
<p>13. Traffic Management (SCC CI 12)</p> <p>a. Traffic Mgt Plan: TMLG has deemed plan suitable at 2/3 TMLG meeting. SMEC and BQP Part 4 s.6 to follow up and check on Police permits.</p> <p>b. Traffic Change Notification - Person to be responsible for notifying TMR Traffic Management Centre of traffic changes – currently Refuse Sch.4 Part 4</p> <p>c. Traffic switch for Southern work now pushed back. There is a deadline of 20 March for flyer to be issued.</p> <p>d. Submission of a fortnightly spreadsheet outlining road closures: Sch. to update and issue to Refuse Sch.4</p> <p>e. Next TMLG meeting scheduled for 6/4. Refuse Sch.4 Part (GCRT) to be invited. Refuse Sch.4 Part to circulate meeting minutes and invitations asap.</p> <p>f. Daily/Weekly Traffic Mgt checklist - CAR001 has been closed out.</p>	<p>Refuse Sch.4 Part</p> <p>Note</p> <p>Refuse Sch.4 Part</p> <p>Note</p>	<p>asap</p> <p>Ongoing</p> <p>asap</p> <p>06/4/11</p>
<p>14. Community Liaison (SCC CI 13) & Other Stakeholder Interfaces</p> <p>a. Complaints received since last meeting:</p> <p>i. New Mexico Restaurant – Cold mix was tracked into the restaurant by patrons walking over temporary reinstatement works.</p> <p>ii. Club Surfers – Sch.4 Part 4 s.6 Personal raised a complaint that one of her tenants threatened to break her lease due to the impact/noise generated by the modification works.</p> <p>b. List of “high profile/sensitive” persons: Part 4 s.6 to provide to Part 4 s.6 on a monthly basis. Current details below:</p> <ul style="list-style-type: none"> - Barac's (Paradise Inn / New Mexico Restaurant), - Sch.4 Part 4 s.6 Personal - Club Surfers - Chang Mai Restaurant – meeting to be arranged asap Part 4 s.6 to attend) <p>c. Reminder - the 1800 phone number is to be issued to all public/3rd parties, avoid face to face discussions during site works.</p> <p>d. White light poles at southern end of site: Sch. is awaiting Aurecon's streetlighting design to be completed prior to further review of whether the existing White Light Poles should be relocated or removed. Aurecon to provide shortly the street lighting design. Aurecon have advised that the new design will meet current the lighting conditions and if accepted, it may be possible that the 'white lights' can be removed. Part 4 s.6 to advise on the review of Aurecon design.</p> <p>e. Temp bus bays now in operation. For the next stage, a “platform” will need to be provided at Second Ave for passengers to step to/from. BQPL proposal currently with Aurecon for review, awaiting reply.</p>	<p>Refuse Sch.4 Part</p> <p>Note</p> <p>Refuse Sch.4 Part</p> <p>Aurecon</p>	<p>asap</p> <p>Ongoing</p> <p>asap</p>
<p>15. Cultural Heritage (MRTS51.1 CI 4)</p> <p>a. Traditional owners may wish to have observers present on Site when works at Cascade Gardens commence (ongoing note for meeting minutes).</p>	<p>Note</p>	<p>Ongoing</p>

<p>16. Relationship Management. (SCC CI 43.6)</p> <p>a. <u>KPI Schedule</u>: Updated schedule has been issued to PLG members for comment/endorsement.</p> <p>b. <u>Charter</u>: displayed in Site Office</p> <p>c. <u>Relationship Health questionnaire</u>: [redacted] to finalise Feb results for discussion at next CAP meeting, and for presentation at PLG meeting on 17/3</p>	<div style="border: 1px solid red; width: 100px; height: 100px; margin: 0 auto;"></div>	<p>17/3</p> <p>asap</p> <p>14/3</p>
<p>17. Project Leadership Group (SCC CI 43.7)</p> <p>a. PLG meeting to be held on Thurs 17/3 (8am) at Site Office.</p> <p>b. Feb 2011 Monthly Report was circulated by [redacted] to PLG Members on 4/3.</p>	<p>Note</p>	<p>17/3</p>
<p>18. Local Industry Participation Plan (SCC CI 43.10)</p> <p>a. Plan submitted on 01/11/10. Initial submission under review by SMEC and GCRT. TS to confirm acceptance of LIPP to [redacted] asap.</p> <p>b. LIP Schedule – to be completed by BQPL and included in Monthly Reports. [redacted] to liaise with [redacted] for data details to be provided in Monthly report.</p>	<div style="border: 1px solid red; width: 100px; height: 100px; margin: 0 auto;"></div>	<p>Ongoing</p> <p>Monthly</p>
<p>19. Employee Relations Mgt Plan (SCC CI 43.14)</p> <p>a. [redacted] has submitted the ERMP to [redacted] for review. [redacted] to finalise review and forward to [redacted] for reference.</p>	<div style="border: 1px solid red; width: 100px; height: 100px; margin: 0 auto;"></div>	<p>asap</p>
<p>20. Risk Management</p> <p>a. PUP's are all subject to delayed design provision, potential for delay risks being incurred. Aurecon are still resolving 3D (12D model) review of PUP clashes.</p> <p>b. PUP – potholing to verify exact location of services - 110kV cables to be given high priority.</p> <p>c. Impacts from Floods – supply of materials, Telstra/APA potential delays, Energex has ceased overtime works.</p> <p>d. Weather</p> <p>e. Traffic</p> <p>f. Other PUP providers (i.e. Optus)</p> <p><u>Potential Delays</u>: Refer to Item 1 above.</p>		
<p>21. Other</p> <p>a. Fig trees in Wharf Rd are likely to be removed, pending finalisation of Aurecon design. GCRT to formulate a communication strategy to inform residents of the need for removal of these fig trees.</p> <p>b. Neddy Harper Park temporary bus stop – Comments from [redacted] have been passed to [redacted] (Aurecon) for further consideration. [redacted] to request design from Aurecon.</p> <p>c. Site to be closure for Easter break: 22 April – 2 May, site to reopen on Tues 3 May.</p>	<p>Note</p> <div style="border: 1px solid red; width: 100px; height: 100px; margin: 0 auto;"></div> <p>Note</p>	<p>asap</p>
<p>22. Next meeting:</p> <p>Wednesday 13 April 2011; 8am at Site office conference room</p> <ul style="list-style-type: none"> - Invitations to be updated 	<div style="border: 1px solid red; width: 100px; height: 100px; margin: 0 auto;"></div>	

Site Meeting No. 8 Minutes

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Job Number: 230/LR10/1C
Date: Wednesday 13 April 2011 (8:00 to 9:45 am)
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy
Chairman: [Redacted] Refuse Sch.4 Part 4

Attendance:

GCRT / GCCC	SMEC
[Redacted] GCRT – Early Works Manager [Redacted] se Sch.4 [Redacted] Communications Place Manager [Redacted] se Sch.4 [Redacted] Senior Project Officer [Redacted] se Sch.4	[Redacted] Refuse Sch.4 Part – Superintendent [Redacted] se Sch.4 [Redacted] Part 4 s.6 Pe – Superintendent’s Rep. [Redacted] se Sch.4 Pa [Redacted] h.4 Part 4 s.6 Perso – Engineer/Site Administrator [Redacted] se Sch.4
BQPL	
[Redacted] Project Manager [Redacted] se Sch.4 [Redacted] Construction Manager [Redacted] se Sch.4 P	

Optional:

Apologies:

[Redacted] Project Engineer [Redacted] se Sch.4
 [Redacted] – BPQL Community & Stakeholder Coordinator [Redacted] se Sch.4
 [Redacted] Part Refuse Sch.4 Part 4 s. [Redacted] Project Engineer [Redacted] se Sch.4 P
 [Redacted] Senior Surveillance Officer [Redacted] se Sch.4

	Action By	Date
Previous Minutes – Previous Meeting Minutes (Meeting No.7 held on 10 March 2011) accepted as correct, except for Item 8(a) – bullet point 8, should read as “Watermain works – BQPL to identify potential clash problems associated with thrust blocks, and refer to SMEC for review by Aurecon”.		
1. Contract Dates: a. Date of Acceptance (DoA) – 20 October 2010. b. Original date for [Redacted] 25 October 2011 c. EOT: <ul style="list-style-type: none"> - impact of Telstra design (particularly the large Telstra pit to be constructed on east side of GC Hwy between Fern St and Wharf Rd) and consequential effects. - A draft response to BQPL’s letter dated 30/3/11 has been prepared; [Redacted] to follow up with Dale Jepson (GCRT). Response to be provided by SMEC asap. - It was noted that the Rev.3 Program (contained within the EOT submission from BQPL dated 30/3/11) has been developed based on assumptions that Telstra and Energex can achieve specific milestone dates, and dependent on the full closure of Surfers Paradise Blvd for a period of 11 weeks from June to Sept 2011. d. BQPL have submitted notifications of potential delays to the progress of the Works for the following: <ul style="list-style-type: none"> - Impacts to program due to Telstra design/works - Impacts to program due to Energex design/works - Club Surfers (electrical works inside property across internal bridge) - D’Arcy Arms (likely design changes for property works) - Asbestos removal (St Moritz & Anita Apartments) - Caltex site (and related impact to Telstra and Energex works) - Stormwater drainage works at Armrick St (due to clashes) 	[Redacted] Refuse Sch.4 Part	asap

<ul style="list-style-type: none"> - Second Ave utility relocations, - Neddy Harper Park stormwater clash with 110kV cable, - Rupture of watermain at Armrick Ave (by Telstra subbie) and impact on pavement works, - Impact to watermain works on west side of GC Hwy north of Fire Station. 		
<p>2. Workplace Health & Safety (SCC CI 11)</p> <p>a. <u>Revised Safety Mgt Plan</u>: currently deemed acceptable.</p> <p>b. <u>Crisis Mgt Plan</u>: currently deemed acceptable.</p> <p>c. <u>Site Safety walks</u>: ongoing every Friday morning.</p> <p>d. <u>Toolbox talks</u>: ongoing.</p> <p>e. <u>Removal of asbestos</u>: Completed at St Moritz, partially complete at Anita Apts. Minor evidence of asbestos noted at Holiday North Apts, as per report.</p> <p>f. <u>Accidents/incidents to report</u>: [4 s.] noted that there have been numerous incidents of theft vandalism (after-hours) at the site compound, Neddy Harper park compound and selected works zones (theft of truck parts, theft of walkie talkies, damage to backhoe, etc). BQPL are considering the installation of a CCTV system at the site compound. [4 s.] also noted the potential relocation of BQPL plant during the shutdown to a more secure location to minimise vandalism. [4 s.] noted that a workman for Telstra subcontract sustained a splinter to the finger whilst wearing correct PPE gloves. This will be considered in the April statistics. [4 s.] noted that the Fern St compound outside Pink Poodle was left open/unattended on a Sunday afternoon. [art 4 s.6 f.] to follow up.</p> <p>g. <u>Safety Inductions</u>: ongoing. Held every weekday (6:30am start) or alternatively on an "as requested" basis. A large number of inductions planned to be held at Energex offices for Energex works crews.</p> <p>h. <u>Online induction system</u> – online system is operational for new inductees, online induction can be undertaken off-site.</p> <p>i. <u>Construction Safety Audit</u> [efuse Sch.4 Par] as satisfactorily responded to the report and CAR001 is closed.</p> <p>j. <u>Demolition works</u>: Ongoing at St Moritz. Otek have raised queries to GCRT with regard to demolition certification process; [4 s.] to follow-up [4 s.] to assist if required).</p>	<p>Refuse Sch.4 Part</p> <p>efuse Sch.4 Pa</p> <p>efuse Sch.4 Par</p> <p>use Sch.4 P</p>	<p>18/4</p>
<p>3. Actions outstanding from prestart meeting:</p> <p>a. (7.1b) <u>Rise & Fall</u> – as agreed, [4 s.] to provide [4 s.] details in order to prepare an instruction to revise the rise and fall provisions to include bitumen only.</p> <p>b. (9.1a) <u>Formal Instrument of Agreement</u> - Completed.</p> <p>c. (14.1) <u>Licenses and Permits</u> TS to follow up with building certification for the RW inside the boundary of properties. Aurecon to arrange for design certification. [Sch] to follow up with certifier of designs (via Aurecon) for Club Surfers.</p>	<p>efuse Sch.4 Par</p> <p>Note</p> <p>use Sch.4 P</p>	<p>asap</p> <p>asap</p> <p>asap</p>
<p>4. Site.(GCC CI 27)</p> <p>a. Neddy Harper Park: grass requires mowing</p> <p>b. Lots 1 & 2 (b/n Vets and Surf City Church): [4 s.] noted that he has had no contact from the lawyers representing the Owners.</p> <p>c. Vacant Lot between Fire Station & New Saigon Restaurant: [4 s.] has sent an email to [Part Refuse Sch.4 Part 4 s.6 Personal information] advising that the lot shall be reinstated to original condition and a new retaining wall/fence to be reconstructed. [4 s.] noted that he has not received any response from [art 4 s.6 f.] [4 s.] to liaise with Aurecon with regard to design of [t 4 s.]</p> <p>d. Concerns noted with regard to pedestrians illegally crossing GC Hwy – potential for serious/fatal accidents. [4 s.] and [4 s.] to review possibility of installing Road Safety posters along the route, particularly at Second Ave bus stop.</p>	<p>se Sch.4</p> <p>efuse Sch.4 Par</p>	<p>12/5</p> <p>asap</p>
<p>5. Design – refer to minutes from Design Issues meetings.</p> <p>a. Stormwater design – Cascade Gardens main SW discharge to go under 110kV –</p>	<p>use Sch.4 P</p>	<p>asap</p>

<p>still under review. Sch. 4 to follow up with Aurecon.</p> <p>b. PUP Design Clash Review: Refuse Sch.4 Part 4 (Aurecon) is still reviewing clashes of PUP's.</p> <p>c. Aurecon to provide a PUP designer and 12D modeller to be based fulltime on site to assist with resolution of design problems, etc.</p> <p>d. Energex revised design dwgs have been received. Sch. 4 to follow up cost of additional Energex works (over and above the needs of GCRT).</p> <p>e. The SW re-design for the Northern section of works has been deemed satisfactory. Dwgs to be issued by SMEC to BQPL on 13/4.</p> <p>f. Refuse Sch.4 Part 4 to identify tree planting opportunities along RWS corridor as works progress; dependent on design resolution for PUP's.</p>	<div style="border: 1px solid red; padding: 5px; width: fit-content; margin: auto;">Refuse Sch.4 Part 4</div> <p style="text-align: center;">All</p>	<p style="text-align: center;">15/4</p> <p style="text-align: center;">13/4 Ongoing</p>
<p>6. Public Utility Plant (SCC CI 23) - refer to minutes from PUP Issues meetings</p> <p>a. Meetings with (Telstra, Energex, Allconnex, et al, are ongoing.</p> <p>b. PUP relocations remain a <u>significant challenge</u> to the project.</p> <p>c. Telstra works – tender closed on 1/4, preferred contractor selected by Telstra (Brisbane Directional Boring), meeting held between Telstra, BDB, BQPL and SMEC on 7/4. Contract for BDB yet to be signed (action between Telstra & GCRT), plan to commence works immediately after Easter break. Concerns raised with regard to the proposed end date for completion of Telstra contractor's works (Feb 2012 ???). TS to discuss with Telstra.</p> <p>d. Pipe Networks (Vodafone) are on site from 14/4 to undertake their respective works.</p>	<p style="text-align: center;">Note</p> <div style="border: 1px solid red; padding: 5px; width: fit-content; margin: auto;">Refuse Sch.4 Part 4</div>	<p style="text-align: center;">asap</p> <p style="text-align: center;">asap</p>
<p>7. Construction Program (GCC CI 33.2 & SCC CI 8)</p> <p>a. Rev.3 Program submitted on 30/3 outlining a delay of approx' 3 months (proposed PC of 27/1/12), and includes acceleration measures. Rev.3 program under review by SMEC as part of Acceleration proposal.</p>	<div style="border: 1px solid red; padding: 5px; width: fit-content; margin: auto;">Refuse Sch.4 Part 4</div>	<p style="text-align: center;">asap</p>
<p>8. Construction Issues</p> <p>a. The contents of the latest BQPL Weekly Report to be discussed. <u>Key activities:</u></p> <ul style="list-style-type: none"> - Club Surfers modifications works, - Energex works (Padmount relocation, conduits, etc), - Second Ave – works nearing completion, pavement works. Issue with Rose Court access and potential conflict with water main, Telstra and Energex. - Armrick Ave – drainage and pavement works - slow progress due to PUP clashes. - Australia Ave – pavement and PUP works. - Backfilling works adjacent to RW at Vets/Surf City Church, - Telstra works on west side of GC Hwy (Monte Carlo to Cannes), - Watermain works – BQPL to identify potential clash problems associated with thrust blocks, and refer to SMEC for review by Aurecon. - Demolition works at St Moritz. - Property works at Sherwood and New Mexico. Sherwood to be tidied up prior to Easter. - Southern traffic switch planned for evening of 13/4. <p>b. <u>Caltex Site:</u> site closed by Caltex on 14/2. Demolition works at Caltex site (by McMahon) commenced on 11/4 – 2 week plan of activities. TS to advise Otek that their works also include removal of concrete footings to old Caltex signs, etc, to ensure that the zone for the construction of the large Telstra Pit is cleared by 3/5.</p> <p>c. <u>Duty Free Store:</u> Design of retaining wall and interface with the private property to be discussed at the next Design Issues Meeting.</p>	<p style="text-align: center;">Note</p> <div style="border: 1px solid red; padding: 5px; width: fit-content; margin: auto;">Refuse Sch.4 Part 4</div>	<p style="text-align: center;">asap</p>
<p>9. Variations (GCC CI 40)</p> <p>a. Refuse Sch.4 Part 4 continue to have weekly discussions regarding potential Variations and valuation of variations.</p> <p>b. Daily works records are being kept for any potential variations.</p>	<p style="text-align: center;">Note</p> <p style="text-align: center;">Note</p>	<p style="text-align: center;">Ongoing</p>

<p>10. Commercial</p> <p>a. Progress Claim No.5: Formal submission by BQPL provided on 12/4. [t 4 s.] completed review and issued Payment Certificate on 12/4. BQPL to issue Tax Invoice to [t 4 s.] asap.</p>	[t 4 s.]	asap
<p>11. Quality System (SCC CI 9)</p> <p>a. Quality Mgt Plan: Rev.6 of QMP was submitted by BQPL on 16/2 – deemed suitable.</p> <p>b. Quality Audit to be conducted by SMEC on BQPL systems – [t 4 s.] to undertaken a desktop audit on completed BQPL QA audits over Easter period. [t 4 s.] to arrange documentation for review by 21/4.</p>	Note [t 4 s.]	Easter 21/4
<p>12. Environmental Management (SCC CI 10 & MRTS51.1)</p> <p>a. Revised Enviro' Mgt Plan – Comments on Rev.2 provided by [t 4 s.] – meeting to be held between [t 4 s.] and [t 4 s.] asap.</p> <p>b. Environmental inspections to be held every Wednesday (11am):</p> <p>c. Cascade Gardens – [t 4 s.] to follow up with regard to the status of the Tidal Works application/permit (likely to be granted in March). [t 4 s.] noted that DERM have issued a request to GCRT for more information to be provided in order to complete the review of application. Anticipated to be closed out in 3 weeks time.</p> <p>d. Aurecon still to finalise adjacent design of the Stormwater works and 110kV crossings with relation to the clearance of vegetation through Cascade Garden (re: Clearing permit, etc).</p>	[t 4 s.] [t 4 s.] Aurecon	Urgent Monitor
<p>13. Traffic Management (SCC CI 12)</p> <p>a. Traffic Mgt Plan: TMLG has deemed plan suitable at 2/3 TMLG meeting.</p> <p>b. Traffic Change Notification - Person to be responsible for notifying TMR Traffic Management Centre of traffic changes – currently [t 4 s.]</p> <p>c. Submission of a fortnightly spreadsheet outlining road closures: [t 4 s.] to update and issue to [t 4 s.]</p> <p>d. Next TMLG meeting: Wed 4/5.</p> <p>e. [t 4 s.] to attend all future TMLG meetings.</p> <p>f. [t 4 s.] to arrange a meeting with GCRT/SMEC/BQPL/GCCC/Translink, etc, to discuss implications of closure of Surfers Paradise Blvd as part of BQPL's acceleration proposal.</p> <p>g. [t 4 s.] is now first contact person at TMC for signal failures, repairs, etc. [t 4 s.] also noted as 2nd contact.</p>	[t 4 s.] [t 4 s.] Note	Ongoing 20/4(pm)
<p>14. Community Liaison (SCC CI 13) & Other Stakeholder Interfaces</p> <p>a. Complaints received since last meeting:</p> <ol style="list-style-type: none"> Cascade Gardens (Kokoda / RSL) – concerns with loss of bus-stop and future loss of rail station – addressed to GCRT only. Armrick Ave – issues relating to occasional access to driveways due to pavement works, etc. Gate/driveway issue to be resolved for 37 Armrick. Ongoing issues at Barac property (signs, spotlights, adjacent demo' at St Moritz, etc) <p>b. List of “high profile/sensitive” persons: [t 4 s.] to provide to [t 4 s.] on a monthly basis. Current details below:</p> <ul style="list-style-type: none"> - Barac's (Paradise Inn / New Mexico Restaurant), - [t 4 s.] - Club Surfers - Chang Mai Restaurant <p>c. Reminder - the 1800 phone number is to be issued to all public/3rd parties, avoid face to face discussions during site works.</p> <p>d. Business Engagement seminar organised by GCRT for 18/4.</p> <p>e. [t 4 s.] (GCRT) has been interviewed for NBN TV on 8/4 & 12/4 – timing of southern traffic switch noted.</p> <p>f. White light poles at southern end of site: [t 4 s.] to meet with Cllr Sarrof asap to explain the need for removal of white light poles. [t 4 s.] to provide [t 4 s.] a direction to remove white light poles. [t 4 s.] to confirm that the 20 Nos. of poles can be stored at GCCC</p>	[t 4 s.] Note Note [t 4 s.]	Ongoing

<p>Southport Depot.</p> <p>g. [4 s] advised that Mantra Wings Residential Body Corp' noted no objection to BQPL temporarily modifying the existing garden bed in the Bridge Club northern driveway when teh southern driveway is temp' closed (due to Telstra pit works). [4 s] to follow up with Mantra Wings Commercial Body Corp'.</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>	<p>asap</p>
<p>15. Cultural Heritage (MRTS51.1 CI 4)</p> <p>a. Traditional owners may wish to have observers present on Site when works at Cascade Gardens commence (ongoing note for meeting minutes).</p>	<p>Note</p>	<p>Ongoing</p>
<p>16. Relationship Management. (SCC CI 43.6)</p> <p>a. KPI Schedule: endorsed by PLG in March meeting.</p> <p>b. Relationship Health questionnaire: March 2011 results discussed; detail to be provided to PLG meeting on 15/4 [Sch.4] to arrange circulation of results on a monthly basis.</p>	<p>Note Note [use Sch.4 P]</p>	<p>Monthly</p>
<p>17. Project Leadership Group (SCC CI 43.7)</p> <p>a. PLG meeting to be held on Fri 15/4 (1pm) at Site Office. Following meeting to be held on Thurs 12/5 (1pm).</p> <p>b. March 2011 Monthly Report was circulated [Sch.4] to PLG Members on 06/4/11.</p> <p>c. A briefing paper to be presented by [fuse Sch.4 P] outlining review of Tender/IFC dwgs & schedules and recommendations for PLG endorsement.</p>	<p>Note</p>	<p>15/4</p>
<p>18. Local Industry Participation Plan (SCC CI 43.10)</p> <p>a. LIP Schedule – to be completed by BQPL and included in Monthly Reports [fuse Sch.4 P] to forward details to [4 s] in first week of each month.</p>	<p>[fuse Sch.4 P]</p>	<p>Monthly</p>
<p>19. Employee Relations Mgt Plan (SCC CI 43.14)</p> <p>a. [Sch.] has provided comments to the ERMP; [4 s] to review and respond asap</p>	<p>[use Sch.4 P]</p>	<p>asap</p>
<p>20. Risk Management</p> <p>a. PUP's are all subject to delayed design provision, potential for delay risks being incurred.</p> <p>b. Aurecon are still resolving 3D (12D model) review of PUP clashes.</p> <p>c. PUP – potholing to verify exact location of services - 110kV cables to be given high priority.</p> <p>d. Aurecon design – still incomplete (particularly Water, Sewer, Property works, etc).</p> <p>e. Ability to temporarily close Surfers Paradise Blvd as part of BQPL's acceleration proposal.</p> <p>f. Weather.</p> <p>g. Traffic.</p> <p>h. Other PUP providers (i.e. Optus)</p> <p>i. Impacts from Floods – supply of materials, Telstra/APA potential delays, Energex has ceased overtime works.</p> <p>Potential Delays: Refer to Item 1 above.</p>		
<p>21. Other</p> <p>a. Site to be closure for Easter break: 22 April – 2 May, site to reopen on Tues 3 May. [Refuse Sch.4 Part]</p>	<p>Note</p>	<p>asap</p>
<p>22. Next meeting: Thursday 12 May 2011; 10am to 11:30am, at Site office conference room - Invitations to be updated</p>	<p>[use Sch.4 P]</p>	

Site Meeting No. 9 Minutes

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Job Number: 230/LR10/1C
Date: Thursday 12 May 2011 (10:00 to 11:30 am)
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy
Chairman: [Redacted] Refuse Sch.4 Part 4

Attendance:

GCRT / GCCC	SMEC
[Redacted] CRT – Early Works Manager [Redacted] Refuse Sch.4 Part 4	[Redacted] Superintendent's Rep [Redacted] Refuse Sch.4 Part 4
[Redacted] Communications Place Manager [Redacted] Refuse Sch.4 Part 4	[Redacted] Engineer/Site Administrator [Redacted] Refuse Sch.4 Part 4
[Redacted] Senior Project Officer [Redacted] Refuse Sch.4 Part 4	
[Redacted] – Senior Project Officer [Redacted] Refuse Sch.4 Part 4	
BQPL	
[Redacted] Project Manager [Redacted] Refuse Sch.4 Part 4	
[Redacted] Construction Manager [Redacted] Refuse Sch.4 Part 4	
[Redacted] Project Engineer [Redacted] Refuse Sch.4 Part 4	

Optional:

Apologies:

[Redacted] Superintendent [Redacted] Refuse Sch.4 Part 4
 [Redacted] Project Engineer [Redacted] Refuse Sch.4 Part 4
 [Redacted] BPQL Community & Stakeholder Coordinator [Redacted] Refuse Sch.4 Part 4
 [Redacted] Senior Surveillance Officer [Redacted] Refuse Sch.4 Part 4

	Action By	Date
Previous Minutes – Previous Meeting Minutes (Meeting No.8 held on 13 April 2011) accepted as correct.		
1. Contract Dates: a. Date of Acceptance (DoA) – 20 October 2010. b. Original date for PC 25 October 2011 c. Revised date for PC 27 January 2012 d. EOT: - impact of Telstra design (particularly the large Telstra pit to be constructed on east side of GC Hwy between Fern St and Wharf Rd) and consequential effects, 94 calendar days granted, based on the Rev.3 Program (contained within the EOT submission from BQPL dated 30/3/11); includes assumptions that Telstra and Energex can achieve specific milestone dates, and dependent on the full closure of Surfers Paradise Blvd for a period of 11 weeks from June to Sept 2011. e. BQPL have submitted notifications of potential delays to the progress of the Works for the following: - Impacts to program due to Telstra design/works - Impacts to program due to Energex design/works - Club Surfers (electrical works inside property across internal bridge) - D'Arcy Arms (likely design changes for property works) - Asbestos removal (St Moritz & Anita Apartments) - Caltex site (and related impact to Telstra and Energex works) - Stormwater drainage works at Armrick St (due to clashes) - Second Ave utility relocations, - Neddy Harper Park stormwater clash with 110kV cable, - Rupture of watermain at Armrick Ave (by Telstra subbie) and impact on pavement works,		

<p>- Impact to watermain works on west side of GC Hwy north of Fire Station. A further 10 Nos. of notifications have been issued by BQPL on 12/5.</p>		
<p>2. Workplace Health & Safety (SCC CI 11)</p> <p>a. <u>Revised Safety Mgt Plan</u>: currently deemed acceptable.</p> <p>b. <u>Crisis Mgt Plan</u>: currently deemed acceptable.</p> <p>c. <u>Site Safety walks</u>: ongoing every Friday morning.</p> <p>d. <u>Toolbox talks</u>: ongoing. The soft start to resume work after the Easter shut down was received well by subcontractors and has appeared to have positive impact.</p> <p>e. <u>Removal of asbestos</u>: BQPL received hygienist report for one area of demolition works. Gold Coast Demolitions to provide BQPL evidence for the remainder of works undertaken and a SWMS.</p> <p>f. <u>Accidents/incidents to report</u>: SC/MW noted that there have been few incidents of minor graffiti. CCTV system is to be installed onsite early June. It was noted that third parties are accessing the site without notification to BQPL; all parties to reinforce with relevant sub-parties that appropriate notification is provided.</p> <p>g. <u>Safety Inductions</u>: ongoing. Held every weekday (6:30am start) or alternatively on an "as requested" basis.</p> <p>h. <u>Online induction system</u> – online system is operational for new inductees, online induction can be undertaken off-site.</p> <p>i. <u>Demolition works</u>: Ongoing at St Moritz. It was noted that the wall could possibly left in place until new services are completed as the existing services will become redundant. Demolition works at St Moritz should be completed in approx' 3 weeks. St Moritz to be used as a crushing site for Anita Apartments – duration approximately three days. McMahon have finished at Caltex site and Otek plant and chemicals to arrive onsite 20/05 for works beginning 23/05.</p>	<p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>All</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p>	
<p>3. Actions outstanding from prestart meeting:</p> <p>a. <u>(14.1) Licenses and Permits</u> Building certifier for the RW inside the boundary of properties has been appointed. <u>4 Part 4 s.6 Per</u> of Aurecon to assist in design certification.</p>		
<p>4. Site. (GCC CI 27)</p> <p>a. Neddy Harper Park: proposal for removal of existing mounds near cnr of GC Hwy and Genoa St to be further considered.</p> <p>b. Lots 1 & 2 (b/n Vets and Surf City Church): <u>4 s.</u> to follow-up with lawyers on one more occasion</p> <p>c. Vacant Lot between Fire Station and New Saigon Restaurant: <u>Sch</u> to follow-up with Aurecon with regard to design of Retaining Wall.</p> <p>d. Concerns noted with regard to pedestrians illegally crossing GC Hwy – weather permitting, a Road Safety Audit will be undertaken in the week commencing 23/5 <u>Refuse Sch.4 Part</u> is coordinating; <u>efuse Sch.4 Pat</u> to participate). An independent RS Auditor to be selected to lead the audit.</p>	<p><u>efuse Sch.4 Pat</u></p>	<p>7/6</p> <p>asap</p> <p>27/5</p> <p>asap</p>
<p>5. Design – refer to minutes from Design Issues meetings.</p> <p>a. Stormwater design – Cascade Gardens main SW discharge to go under 110kV – still under review. <u>Sch</u> to follow up with Aurecon as matter of urgency; also discussed at Design Issues Meetings.</p> <p>b. PUP Design Clash Review <u>efuse Sch.4 Par</u> Aurecon) is still reviewing clashes of PUP's – critical activity for Project.</p> <p>c. Concerns raised with regard to PUP and SW works at Britannia Ave <u>e Sch.4</u> to arrange a meeting with Aurecon for 16/5 (2pm) to discuss GCCC concerns with regard to SW design.</p> <p>d. SW Line 7 – potholing complete; <u>efuse Sch.4 Pa</u> to propose solution. <u>Sch</u> to be informed.</p> <p>e. Aurecon have provided a PUP designer and 12D modeller; based fulltime on site to assist with resolution of design problems, etc.</p>	<p><u>efuse Sch.4 Pat</u></p> <p>Note</p>	<p>Urgent</p> <p>Ongoing</p> <p>16/5</p> <p>asap</p>

<p>f. Energex revised design dwgs have been received. Sch. to follow up cost of additional Energex works (over and above the needs of GCRT).</p> <p>g. SW re-design for the Northern section have been be issued by SMEC to BQPL. BQPL have concerns as to the adequacy of the re-design; BQPL, SMEC and Aurecon to determine solutions.</p> <p>h. Refuse Sch.4 Part to identify tree planting opportunities along RWS corridor as works progress; dependent on design resolution for PUP's. Sch. suggested that 1m x 1m areas which could be designated tree planting locations for GoldlinQ to be identified by BQPL/SMEC.</p>	<p>Refuse Sch.4 Pa</p> <p>Note BQPL/SMEC /Aurecon</p> <p>All</p>	<p>Ongoing</p>
<p>6. Public Utility Plant (SCC CI 23) - refer to minutes from PUP Issues meetings</p> <p>a. Meetings with (Telstra, Energex, Allconnex, APA, Optus et al, are ongoing.</p> <p>b. PUP relocations remain a significant challenge to the project.</p> <p>c. <u>Telstra works</u> – Contract has been awarded by Telstra to Brisbane Directional Boring; BDB are currently on Site. Telstra programming and interface issues meetings held every Friday(am). Concerns noted with regard to the proposed end date for completion of Telstra contractor's works (Feb 2012 ???). Sch. to further discuss with Telstra.</p>	<p>Note Note</p> <p>Refuse Sch.4 F</p>	<p>asap</p>
<p>7. Construction Program (GCC CI 33.2 & SCC CI 8)</p> <p>a. Rev.3 Program deemed suitable as part of the award of 94 calendar days EOT.</p> <p>b. Sch. to update the Rev.3 program taking into account works completed to date and currently available information.</p> <p>c. Sch. advised that BQPL shall be adding a Programming resource to the Site team shortly.</p>	<p>Refuse Sch.4 Pa</p> <p>Note</p>	
<p>8. Construction Issues</p> <p>a. The contents of the latest BQPL Weekly Report were discussed. <u>Key activities:</u></p> <ul style="list-style-type: none"> - Club Surfers modifications works – completion of outstanding works & rectification of defects. Sch. to follow-up with Architect. Refuse Sch.4 Part 4 - Energex works (conduits, etc), - Second Ave – conflicting water main and Telstra cables to be relocated, and pavement works outstanding. - SW drainage works at southern section, - Telstra works on west side of GC Hwy currently ramping up (by BDB), - Watermain works. - Demolition works at St Moritz. - Property works at Backpackers. Works to commence at Chao Praya and Darcy Arms shortly. Minor works outstanding at Sherwood Court, Vets and Surf City Church. <p>b. <u>Caltex Site:</u> Otek have advised that equipment and chemicals to be delivered to site on 20/5, works to commence on 23/5.</p> <p>c. <u>Thornton Towers:</u> Request made by Body Corp' for a 1hr notice period prior to removal of 2 Nos. of palm trees within road reserve.</p>	<p>Note</p> <p>Refuse Sch.4 P</p> <p>Otek</p> <p>Note</p>	<p>asap</p> <p>20/5</p>
<p>9. Variations (GCC CI 40)</p> <p>a. Refuse Sch.4 Part 4 continue to have weekly discussions regarding potential Variations and valuation of variations.</p> <p>b. Day works records are being kept for any potential variations.</p> <p>c. The Tender vs IFC Dwgs/Schedules review is ongoing. BQPL to commence their review and repricing of noted Schedule items shortly. To be discussed at PLG meeting on 17/5.</p>	<p>Note</p> <p>Note</p> <p>Refuse Sch.4 Part 4</p>	<p>Ongoing</p> <p>Ongoing</p>

<p>10. Commercial</p> <p>a. Progress Claim No.6: discussions have been held between BQPL & SMEC with regard to draft submission – claim to be finalised and submitted for processing by 16/5.</p> <p>b. Initial discussions have been held between BQPL & SMEC with regard to delay/disruption costs; [4 s.] advised that BQPL have identified a delay to the Works of 90 calendar days (as at end April 2011). Further discussions/review to be held.</p>	<p>[4 s.]</p> <p>h.4 Part 4 s.6 Perso</p>	<p>16/5</p> <p>asap</p>
<p>11. Quality System (SCC CI 9)</p> <p>a. Quality Mgt Plan: Rev.6 of QMP was submitted by BQPL on 16/2 – deemed suitable.</p> <p>b. A desk-top Quality Audit has been conducted by SMEC on BQPL internal quality audits. [4 s.] to discuss further with [ch.4 Part 4 s.6 Person]</p> <p>c. [4 s.] noted process for handover of assets to GCCC; [4 s.] to pass on draft to PA/DA.</p> <p>d. As-constructed survey – [4 s.] suggested a trial of Pacific Surveys “soft copy” files to be tested within GCCC system. [4 s.] to forward details to [art 4 s.6] [4 s.] to discuss with Pacific Surveys.</p>	<p>Note</p> <p>[]</p> <p>Part 4 s.6 P</p>	<p>25/5</p> <p>20/5</p> <p>20/5</p> <p>20/5</p>
<p>12. Environmental Management (SCC CI 10 & MRTS51.1)</p> <p>a. Revised Enviro’ Mgt Plan – a meeting has been held between [4 s.] and [art 4 s.6] to discuss comments on Rev.2 previously provided by [4 s.] Mark S to update EMP and resubmit (note - a discussion should be held between [4 s.] & [art 4 s.6] prior to resubmission).</p> <p>b. Environmental inspections to be held every Wednesday (11am):</p> <p>c. <u>Cascade Gardens</u> – [4 s.] noted that GCRT are awaiting final reply from DERM. [4 s.] to follow-up with DERM.</p> <p>d. <u>Cascade Gardens</u> – [art 4 s.6] reiterated that the Tree Clearing Permit expires on 6 July 2011. [art 4 s.6] to review program.</p> <p>e. Aurecon still to finalise adjacent design of the Stormwater works and 110kV crossings with relation to the clearance of vegetation through Cascade Garden (re: Clearing permit, etc).</p>	<p>[4 s.]</p> <p>[4 s.]</p> <p>Part 4 s.6 P</p> <p>Aurecon</p>	<p>Urgent</p> <p>asap</p> <p>Priority</p> <p>Urgent</p>
<p>13. Traffic Management (SCC CI 12)</p> <p>a. Traffic Mgt Plan: TMLG has deemed plan suitable at 2/3 TMLG meeting.</p> <p>b. <u>Traffic Change Notification</u> - Person to be responsible for notifying TMR Traffic Management Centre of traffic changes – currently [4 Part 4 s.6 Per]</p> <p>c. Submission of a fortnightly spreadsheet outlining road closures: [4 s.] to update and issue to [4 s.]</p> <p>d. <u>Next TMLG meeting</u>: Tues 17/5. BQPL to present proposals for (a) Monaco St 3 day closure, (b) Remembrance Drive bus-stop relocation [4 s.] to check with [rt 4 s.6], (c) partial closure of Surfers Paradise Blvd (following rejection of full closure proposal at special TMLG meeting held on 20/4).</p> <p>e. [4 s.] to circulate details of short-term lane closures to TMC/Police, etc, as requested by TMLG</p> <p>f. [4 s.] or [4 s.] to attend all future TMLG meetings.</p> <p>g. [4 s.] is now first contact person at TMC for signal failures, repairs, etc. [4 s.] is also noted as 2nd contact.</p> <p>h. Interface with V8 Supercars event (Oct 2011) to be considered in future planning.</p>	<p>[]</p> <p>Part 4 s.6 Pe</p> <p>Note</p> <p>Note</p> <p>All</p>	<p>Ongoing</p> <p>Ongoing</p> <p>17/5</p> <p>asap</p> <p>asap</p>
<p>14. Community Liaison (SCC CI 13) & Other Stakeholder Interfaces</p> <p>a. <u>Complaints received since last meeting</u>:</p> <ol style="list-style-type: none"> Pink Poodle – potential clash action due to Fern St closure Intersection closures (general) Thornton Towers Barac’s – allegations of leaking roof and request for compensation (JT to follow up) <p>b. List of “high profile/sensitive” persons: [art 4 s.6] to provide to [art 4 s.6] on a monthly basis. Current details below:</p> <ul style="list-style-type: none"> Barac’s (Paradise Inn / New Mexico Restaurant), 	<p>[]</p> <p>use Sch.4 P</p>	<p>Urgent</p> <p>Ongoing</p>

<ul style="list-style-type: none"> - Sch.4 Part 4 s.6 Personal - Club Surfers - Chang Mai Restaurant - Thorton Towers - Mantra Wings / Pink Poodle (Mr. John Milton) <p>c. Reminder - the 1800 phone number is to be issued to all public/3rd parties, avoid face to face discussions during site works.</p> <p>d. White light poles at southern end of site: Sch.4 s. has provided Sch. with a direction to instruct the removal of white light poles. Sch.4 s. suggested that GCRT write to Cllr Sarroff advising course of action being taken.</p> <p>e. Korean war memorial opening day on 20 August +400 people to attend; impacts of TGS, bus movements, parking, etc, to be reviewed.</p>	<p>Note</p> <p>use Sch.4 F</p>	
<p>15. Cultural Heritage (MRTS51.1 CI 4)</p> <p>a. Traditional owners may wish to have observers present on Site when works at Cascade Gardens commence (ongoing note for meeting minutes).</p>	<p>Note</p>	<p>Ongoing</p>
<p>16. Relationship Management. (SCC CI 43.6)</p> <p>a. KPI Schedule: use Sch.4 to provide an update of forecast results to PLG on 17/5.</p> <p>b. Relationship Health questionnaire: April 2011 results were discussed; low scores were noted by some members with regard to "Best for Project" and "Timely resolution of design issues". Details to be provided to PLG meeting on 17/5. Sch. to arrange circulation of results on a monthly basis.</p>	<p>use Sch.4 Pa Note</p> <p>use Sch.4 Pa</p>	<p>17/5 17/5 Monthly</p>
<p>17. Project Leadership Group (SCC CI 43.7)</p> <p>a. PLG meeting to be held on Tues 17/5 (3pm) at Site Office.</p> <p>b. April 2011 Monthly Report and documentation has been circulated by Sch. to PLG Members.</p>	<p>Note</p>	<p>17/5</p>
<p>18. Local Industry Participation Plan (SCC CI 43.10)</p> <p>a. LIP Schedule – to be completed by BQPL and included in Monthly Reports. use Sch.4 F to forward details to Sch.4 s. in first week of each month.</p>	<p>use Sch.4 Pa</p>	<p>Monthly</p>
<p>19. Employee Relations Mgt Plan (SCC CI 43.14)</p> <p>a. Sch. has provided comments to the ERMP; Sch. to review and respond asap</p>	<p>use Sch.4 F</p>	<p>asap</p>
<p>20. Risk Management</p> <p>a. PUP's are all subject to delayed design provision, potential for delay risks being incurred.</p> <p>b. Aurecon are still resolving 3D (12D model) review of PUP clashes.</p> <p>c. PUP – potholing to verify exact location of services - 110kV cables to be given high priority.</p> <p>d. Aurecon design – still incomplete (particularly Water, Sewer, Property works, etc).</p> <p>e. Ability to temporarily close Surfers Paradise Blvd as part of BQPL's acceleration proposal.</p> <p>f. Weather.</p> <p>g. Traffic.</p> <p>h. Other PUP providers (i.e. Optus).</p> <p>i. Impacts from Floods – supply of materials, Telstra/APA potential delays, Energex has ceased overtime works.</p> <p>j. Impacts during Holiday periods (i.e. Sept, Dec/Jan, etc).</p> <p>k. Impacts of water table at southern section of the Works.</p> <p><u>Potential Delays:</u> Refer to Item 1 above.</p>	<p>Note</p>	

<p>21. Other</p> <p>a. [redacted] was welcomed to the meeting [redacted] shall be taking over [redacted] role on RWS as the GCCC representative (until further notice).</p> <p>b. [redacted] noted that he shall be leaving GCCC in late May, and his role on GCRT shall come to an end. [redacted] (on behalf of the site team) thanked [redacted] or his contributions to the project and wished him well for the future.</p> <p>c. [redacted] requires a safety induction, and to be escorted through the site.</p>	<p>Note</p> <p>Note</p> <p>[redacted] refuse Sch.4 Part</p>	<p>asap</p>
<p>22. Next meeting: Tuesday 7 June 2011; 10am to 11:30am, at Site office conference room - Invitations to be updated.</p>	<p>PA</p>	

Released under RTI - DTMR

Site Meeting No. 10 Minutes

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Job Number: 230/LR10/1C
Date: Tuesday 7 June 2011 (11:15 to 1:45 pm)
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy
Chairman: [Redacted]

Attendance:

<p>GCRT / GCCC [Redacted] GCRT – Early Works Manager [Redacted]</p> <p>BQPL [Redacted] Project Manager [Redacted] [Redacted] Construction Manager [Redacted] [Redacted] BQPL Community & Stakeholder [Redacted] Coordinator [Redacted] [Redacted] BQPL Asst' Community & Stakeholder [Redacted] Coordinator [Redacted]</p>	<p>SMEC [Redacted] Superintendent [Redacted] [Redacted] Superintendent's Rep. [Redacted] [Redacted] Engineer/Site Administrator [Redacted]</p>
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Apologies:

[Redacted] Communications Place Manager [Redacted]
[Redacted] Senior Project Officer [Redacted]
[Redacted] Project Engineer [Redacted]
[Redacted] Project Engineer [Redacted]

	Action By	Date
<p>Previous Minutes – Previous Meeting Minutes (Meeting No.9 held on 12 May 2011) accepted as correct.</p>		
<p>1. Contract Dates:</p> <p>a. Date of Acceptance (DoA) – 20 October 2010. b. Original date for PC 25 October 2011 c. Revised date for PC 27 January 2012 d. EOT: - impact of Telstra design (particularly the large Telstra pit to be constructed on east side of GC Hwy between Fern St and Wharf Rd) and consequential effects, 94 calendar days granted, based on the Rev.3 Program (contained within the EOT submission from BQPL dated 30/3/11); includes assumptions that Telstra and Energex can achieve specific milestone dates, and dependent on the full closure of Surfers Paradise Blvd for a period of 11 weeks from June to Sept 2011. (Note: the TMLG in the May TMLG meeting rejected the proposal for a full closure of Surfers Paradise Blvd). The Contract Program is currently being "stated" by BQPL, and a revised Contract Program (Rev.4) is under preparation including impacts of revised Telstra program. Awaiting submission of a fully detailed (with logic) Telstra Program. To be further discussed at PLG meeting to be held on 10/6.</p> <p>e. TS has requested PA/SC to consider the introduction of a Separable Portion for the Southern Works (likely to be south of Second Ave), with a PC of end Dec 2011; under consideration and dependent on development of Rev.4 Program. To be discussed at PLG meeting on 10/6.</p> <p>f. BQPL have submitted 39 Nos. of notifications of potential delays to the progress of the Works; examples noted below: - Impacts to program due to Telstra & Energex design/works</p>	<p>All (at PLG meeting)</p> <p>PA/SC All (at PLG meeting)</p>	<p>10/6</p> <p>10/6</p>

<ul style="list-style-type: none"> - Impacts to program due to Water & Sewer design/works - Impacts to program due to clash problems associated with Stormwater Drainage works (Armrick, Britannia, Cascade Gardens, etc), - Club Surfers, D'Arcy Arms (scope changes to property works) - Asbestos removal (St Moritz & Anita Apartments) - Caltex site (and related impact to Telstra and Energex works) - Second Ave utility relocations, - Neddy Harper Park stormwater clash with 110kV cable, etc. 		
<p>2. Workplace Health & Safety (SCC CI 11)</p> <p>a. <u>Revised Safety Mgt Plan</u>: currently deemed acceptable.</p> <p>b. <u>Crisis Mgt Plan</u>: currently deemed acceptable.</p> <p>c. <u>Site Safety walks</u>: ongoing every Friday morning.</p> <p>d. <u>Toolbox talks</u>: ongoing. BQPL to highlight the need to keep Allconnex assets clear and unobstructed in future Toolbox talks.</p> <p>e. <u>Removal of asbestos</u>: ongoing at Anita apartments; soon to commence at Holiday North apartments.</p> <p>f. <u>Accidents/incidents to report</u>: CCTV system is now installed onsite. Allconnex have concerns with backfilling of watermains after 2 mains in Neddy Harper Park failed on 23/24 May after SWD works had backfilled <u>Part 4 s.6 F</u> to prepare a report on this incident. BQPL reviewing work methods around house connections, gas/water/coms etc – BQPL to prepare SWMS for works adjacent to AC mains. It was noted that there may be a potential risk to high-rise apartment fire systems during a water-main shutdown; to be considered as part of SWMS development. There were no MTI's, FAI's during May 2011.</p> <p>g. <u>Safety Inductions</u>: ongoing, typically held on Mon to Thurs (6:30am start) or alternatively on an "as requested" basis.</p> <p>h. <u>Online induction system</u> – online system is operational for new inductees, online induction can be undertaken off-site.</p> <p>i. <u>Demolition works</u>: Works are substantially complete at St Moritz. Works in progress at Anita Apartments. Initial stripping out has commenced at Holiday North apartments. Caltex site; Otek have completed their respective works and have given the "all-clear" for works to resume in the resumed areas. GCRT have permitted BQPL to continue to occupy the Caltex site to assist with works at Telstra Pit 89.</p>	<p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Refuse Sch.4 Part</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p>	
<p>3. Actions outstanding from prestart meeting:</p> <p>a. <u>(14.1) Licenses and Permits</u> Building certifier for the RW inside the boundary of properties has been appointed. <u>4 Part 4 s.6 Pe</u> of Aurecon to assist in design certification.</p> <p>b. <u>Cascade Gardens</u> <u>Sch.</u> awaiting final design for SWD pit to get permit approval from DERM for tree trimming etc. <u>Sch.</u> to follow-up with <u>Refuse Sch.4 Part</u> (GCRT) with regard to amendment of DERM clearing permit to include trimming of 2 Nos. of large Eucalypts. "Bat people" to be contacted. <u>Sch.</u> to contact <u>Refuse Sch.4 Part</u> (GCCC) advising that clearing of the works zone due to commence on 20 June.</p>	<p>Note</p> <p><u>se Sch.4</u> Aurecon</p> <p><u>se Sch.4</u></p>	<p>Urgent</p> <p>Urgent</p> <p>asap</p>
<p>4. Site.(GCC CI 27)</p> <p>a. Neddy Harper Park: <u>4 s.</u> to issue direction (via Variation) for removal of existing mounds near cnr of GC Hwy and Genoa St. Neddy Harper park site compound has been recently expanded to accommodate water/sewer pipes and fittings, traffic signal posts, street-lighting posts and mast arms, etc.</p> <p>b. Lots 1 & 2 (b/n Vets and Surf City Church): <u>t 4 s.</u> to follow-up with lawyers representing Lots 1&2 on one more occasion.</p> <p>c. Vacant Lot between Fire Station and New Saigon Restaurant: Aurecon to finalise design of Retaining Wall. <u>4 s.</u> to follow up with <u>Part Refuse Sch.4 Part 4 s.6</u></p> <p>d. Concerns noted with regard to pedestrians illegally crossing GC Hwy – a Road</p>	<p><u>t 4 s.</u></p> <p>Note</p> <p><u>t 4 s.</u></p>	<p>10/6</p> <p>asap</p>

<p>Safety Audit was undertaken on 24/5. An independent RS Auditor led the audit. The report will be finalised shortly; Part 4 s.6 Part to follow up.</p>	<p>Part 4 s.6</p>	<p>asap</p>
<p>5. Design – refer to minutes from Design Issues meetings.</p> <p>a. <u>Key/Critical design issues</u></p> <ul style="list-style-type: none"> Complete Clash review – refer to PUP works, SWD works at Cascade Gardens, Britannia Ave, Line 7, Line 4, sections of Line 9, Street-lighting design; Part 4 s.6 Part to follow up with Part 4 s.6 Part with regard to issuance of IFC dwgs, Clash/Design process is ongoing by Aurecon, Bus bay at Neddy Harper Park & Remembrance Drive, Property design issues at Ipanema, Crowne Plaza, Club Surfers, Old Saffron building, MEC Cafe, Monaco St intersection works (incl. interface with PUP works). <p>b. Refuse Sch.4 Part to identify tree planting opportunities along RWS corridor as works progress; dependent on design resolution for PUP's. Part 4 s.6 Part suggested that 1m x 1m areas which could be designated tree planting locations for GoldlinQ to be identified by BQPL/SMEC.</p>	<p>Refuse Sch.4 Part</p> <p>Refuse Sch.4 Part</p>	<p>Ongoing</p>
<p>6. Public Utility Plant (SCC CI 23) - refer to minutes from PUP Issues meetings</p> <p>a. Meetings with (Telstra, Energex, Allconnex, APA, Optus et al) are ongoing.</p> <p>b. PUP relocations remain a significant challenge to the project.</p> <p>c. Clash review and completion of PUP design/set-out is still ongoing. Clash review yet to assess impacts of street-lighting, thrust-blocks, Optus conduits, etc.</p> <p>d. PUP Issues meetings are now held every week. Aurecon/BQPL to present A3 schedule of critical issues for review and development of plan action. Schedule to be circulated to PLG members prior to PLG meetings.</p> <p>e. As advised by Part 4 s.6 Part BQPL to undertake Energex excavation works where possible.</p> <p>f. Protection of Energex 110kV conduits adjacent to SWD works along western side of GC Hwy (Refuse Sch.4 Part park) – Part 4 s.6 Part to follow-up with Energex Part 4 s.6 Part with regard to BQPL's proposed Part 4 s.6 Part</p>	<p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Refuse Sch.4 P</p> <p>Note</p> <p>Refuse Sch.4 P</p>	<p>Urgent</p>
<p>7. Construction Program (GCC CI 33.2 & SCC CI 8)</p> <p>a. Rev.4 Program currently under development; to be discussed in detail at PLG meeting to be held on 10/6.</p> <p>b. BQPL have added a programming resource to the Site team Part Refuse Sch.4 Part 4 s.</p>	<p>Refuse Sch.4 Part</p> <p>Note</p>	<p>10/6</p>
<p>8. Construction Issues</p> <p>a. The contents of the latest BQPL Weekly Report were discussed.</p> <p><u>Key activities:</u></p> <ul style="list-style-type: none"> Club Surfers modifications works – completion of outstanding works & rectification of defects; Part 4 s.6 Part to provide details of balustrades, etc). Energex works (conduits, etc), Second Ave – conflicting water main and Telstra cables to be relocated, and pavement works outstanding (note that a recent complaint has been received from a resident regarding dust generation Part 4 s.6 Part to consider plan for completion of part of these works to minimise impact on adjacent properties). SW drainage works at southern section, Telstra works on west side of GC Hwy (by BDB), Watermain works, Demolition works at St Moritz and Anita Apartments, Property works at Backpackers, Chao Praya and Darcy Arms. <p>b. <u>Caltex Site:</u> Otek works are complete.</p>	<p>Note</p> <p>Refuse Sch.4 Part 4</p> <p>Refuse Sch.4 Part</p>	<p>asap</p> <p>asap</p>

<p>9. Variations (GCC CI 40)</p> <p>a. Refuse Sch.4 Part 4 continue to have weekly discussions regarding potential Variations and valuation of variations.</p> <p>b. Day works records are being kept for any potential variations.</p> <p>c. The Tender vs IFC Dwgs/Schedules review is ongoing. BQPL have commenced their review and repricing of noted Schedule items. To be discussed at PLG meeting on 10/6 and 7/7.</p>	<p>Note</p> <p>Note</p> <p>use Sch.4 F</p>	<p>Ongoing</p> <p>End June</p>
<p>10. Commercial</p> <p>a. Progress Claim No.7 Sch. has provided a draft submission, currently under review by PA/PF.</p> <p>b. Delay/disruption costs: Not discussed.</p>	<p>use Sch.4 P</p>	<p>asap</p>
<p>11. Quality System (SCC CI 9)</p> <p>a. Quality Mgt Plan: Rev.6 of QMP was submitted by BQPL on 16/2 – deemed suitable.</p> <p>b. A desk-top Quality Audit has been conducted by SMEC on BQPL internal quality audits. Sch. as held discussions with Part Refuse Sch.4 Part 4 s.6 with regard to BQPL QA processes, etc. A formal QA audit to be arranged for July/August.</p>	<p>Note</p> <p>Note</p> <p>Refuse Sch.4 Part</p>	<p>July/Aug</p>
<p>12. Environmental Management (SCC CI 10 & MRTS51.1)</p> <p>a. Revised Enviro' Mgt Plan: Rev.4 deemed suitable, subject to comment/conditions. Rev.5 provided by Mark S; to be reviewed by Sch.4</p> <p>b. Environmental inspections to be held every Wednesday (11am):</p> <p>c. Cascade Gardens – GCRT have received final reply from DERM. Details have been issued via Transmittal by SMEC to BQPL for review and action.</p> <p>d. Cascade Gardens use Sch.4 P reiterated that the Tree Clearing Permit expires on 6 July 2011. Activities planned to commence on 20/6. Sch. to follow-up with Sch.4 use Sch.4 F with regard to amendment of Clearing permit by DERM. SC/MW to submit Arborist Report regarding trimming of 2Nos. of large Eucalypts asap</p> <p>e. Aurecon still to finalise adjacent design of the Stormwater works (interception pit) and 110kV crossings with relation to the clearance of vegetation through Cascade Garden (re: Clearing permit, etc).</p>	<p>use Sch.4 F</p> <p>Note</p> <p>Refuse Sch.4 Pa</p> <p>Aurecon</p>	<p>asap</p> <p>asap</p> <p>Urgent</p> <p>Urgent</p>
<p>13. Traffic Management (SCC CI 12)</p> <p>a. Traffic Mgt Plan: TMLG has deemed plan suitable at 2/3 TMLG meeting.</p> <p>b. Traffic Change Notification - Person to be responsible for notifying TMR Traffic Management Centre of traffic changes – currently Refuse Sch.4 Part 4</p> <p>c. Submission of a fortnightly spreadsheet outlining road closures: Sch. to update and issue to Sch.4</p> <p>d. Next TMLG meeting: Wed 8/6.</p> <p>e. At previous TMLG: BQPL presented proposals for (a) Monaco St 3 day closure (accepted in principle), (b) Remembrance Drive bus-stop relocation (accepted in principle), (c) full closure of Surfers Paradise Blvd for 11 week period (rejected).</p> <p>f. Sch. to circulate details of short-term lane closures to TMC/Police, etc, as requested by TMLG</p> <p>g. Sch. re Sch.4 to attend all future TMLG meetings.</p> <p>h. Sch. is now first contact person at TMC for signal failures, repairs, etc. Sch. is also noted as 2nd contact.</p> <p>i. Interface with V8 Supercars event (Oct 2011) to be considered in future planning.</p> <p>j. Road Safety Audits: Pedestrian audit completed (awaiting final report). Audit of TGS006 completed (report finalised by Cardno – BQPL to review and respond to recommendations.</p>	<p>rt 4 s.6</p> <p>use Sch.4 F</p> <p>Note</p> <p>use Sch.4</p> <p>Note</p> <p>Note</p> <p>All</p> <p>use Sch.4</p>	<p>Ongoing</p> <p>Ongoing</p> <p>Asap</p> <p>asap</p>

<p>14. Community Liaison (SCC CI 13) & Other Stakeholder Interfaces</p> <p>a. <u>Complaints received since last meeting:</u></p> <ol style="list-style-type: none"> Thornton Towers (removal of 2 Nos of palm trees in Remembrance Drive) Wharf Road residents, complaints regarding excessive traffic Pink Poodle – potential class action due to Fern St closure Intersection closures (general) Barac's <p>b. List of "high profile/sensitive" persons: JT/JB to provide to PA/SC on a monthly basis. Current details below:</p> <ul style="list-style-type: none"> - D'Arcy Arms - Sapporo & Beer Thai restaurants - Barac's (Paradise Inn / New Mexico Restaurant), - Sch.4 Part 4 s.6 Person - Club Surfers - Chang Mai Restaurant - Thornton Towers - Mantra Wings / Pink Poodle (Mr. John Milton) <p>c. Reminder - the 1800 phone number is to be issued to all public/3rd parties, avoid face to face discussions during site works.</p> <p>d. White light poles at southern end of site: Comm's team to be advised of the timing of the removal of the poles.</p> <p>e. Korean war memorial opening day on 20 August +400 people to attend; impacts of TGS, bus movements, parking, etc, to be reviewed.</p> <p>f. Sch. noted that a long term Comm's strategy for long term closure of Second Ave needs to be developed. Concerns noted with regard to extended period of gravel accesses into the 2 properties at the western end of Second Ave. Sch noted that a recent complaint has been received. Part 4 s.6 to consider program of works at this location.</p>	<p>use Sch.4 P</p> <p>Note</p> <p>refuse Sch.4 Pa</p> <p>All</p> <p>refuse Sch.4 Pa</p> <p>refuse Sch.4 Pa</p>	<p>Ongoing</p> <p>asap</p> <p>asap</p> <p>asap</p>
<p>15. Cultural Heritage (MRTS51.1 CI 4)</p> <p>a. Traditional owners wish to have observers present on Site when works at Cascade Gardens commence. Sch. as made contact with Sch.4 Pa (GCRT) with regard to the timing of the initial clearing of the works zone (commencing 20/6).</p>	<p>Note</p>	<p>Ongoing</p>
<p>16. Relationship Management. (SCC CI 43.6)</p> <p>a. KPI Schedule, Sch. to provide an update of forecast results in the May 2011 monthly report.</p> <p>b. <u>Relationship Health questionnaire:</u> May 2011 results were discussed. Details to be provided in the May 2011 monthly report, and to be discussed at PLG meeting on 10/6.</p>	<p>ie Sch.4</p>	<p>7/6</p> <p>7/6</p> <p>10/6</p>
<p>17. Project Leadership Group (SCC CI 43.7)</p> <p>a. PLG meeting to be held on Fri 10/6 (8am) at Site Office.</p> <p>b. May 2011 Monthly Report and documentation to be circulated by Sch. to Sch.4 Members on 8/6.</p>	<p>Note</p> <p>use Sch.4 P</p>	<p>10/6</p> <p>8/6</p>
<p>18. Local Industry Participation Plan (SCC CI 43.10)</p> <p>a. LIP Schedule – to be completed by BQPL and included in Monthly Reports to forward details to Sch in first week of each month.</p>	<p>use Sch.4 P</p> <p>refuse Sch.4 Pa</p>	<p>Monthly</p>
<p>19. Employee Relations Mgt Plan (SCC CI 43.14)</p> <p>a. No further discussion.</p>		
<p>20. Risk Management</p> <p>a. PUP's are all subject to delayed design provision, potential for delay risks being incurred.</p> <p>b. Aurecon are still resolving 3D (12D model) review of PUP clashes.</p> <p>c. PUP – potholing to verify exact location of services - 110kV cables to be given high priority.</p> <p>d. Aurecon design – still incomplete (particularly PUP, Property works, etc).</p>	<p>Note</p>	

<p>e. Complications with crossings of AC water/sewer mains. f. Weather. g. Traffic. h. Other PUP providers (i.e. Optus). i. Impacts during Holiday periods (i.e. Sept, Dec/Jan, etc).</p> <p><u>Potential Delays:</u> Refer to Item 1 above.</p>		
<p>21. Other a. Sch. requires a safety induction, and to be escorted through the site (to be confirmed).</p>	<div style="border: 1px solid red; padding: 2px;">Refuse Sch.4 Part</div>	<p>asap</p>
<p>22. Next meeting: Tuesday 5 July 2011; 10am to 11:30am, at Site office conference room - Invitations to be updated.</p>	<p>PA</p>	

Released under RTI - DTMR

Site Meeting No. 11 - Minutes

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Job Number: 230/LR10/1C
Date: Tuesday 5 July 2011 (1:00 to 2:40 pm)
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy
Chairman: [Redacted] Part Refuse Sch.4 Part 4 s.6

Attendance:

GCRT / GCCC	SMEC
[Redacted] GCRT – Early Works Manager [Redacted]	[Redacted] Superintendent [Redacted]
[Redacted] Communications Place Manager [Redacted]	[Redacted] Superintendent's Rep. [Redacted]
[Redacted] Communications Coordinator [Redacted]	[Redacted] Senior Project Engineer [Redacted]
[Redacted] GCCC Senior Project Officer [Redacted]	BPL
[Redacted] GCCC Project Officer [Redacted]	[Redacted] Construction Manager [Redacted]
	[Redacted] Assistant Community Coordinator [Redacted]

Apologies:

[Redacted] Project Manager [Redacted]	[Redacted] Community Coordinator [Redacted]	Action By	Date
[Redacted] Project Engineer [Redacted]	[Redacted] Engineer/Site Administrator [Redacted]		

Previous Minutes – Previous Meeting Minutes (Meeting No.10 held on 7 June 2011) accepted as correct.

1. Contract Dates:

- Date of Acceptance (DoA) – 20 October 2010.
 - Original date for PC 25 October 2011
 - Revised date for PC 27 January 2012
- Extension of Time:
 - 94 calendar days granted due to impact of Telstra works particularly between Pit 89 and Surfers Paradise Fire Station.
- TS has requested [Redacted] to consider the introduction of a Separable Portion for the Southern Works with a PC of end Dec 2011. Possible interface line for the separable portion to be determined and discussed at the next PLG meeting 7/7.
- Notice of Delay, 42 received to date. Examples noted below:
 - Impacts to program due to Telstra & Energex design/works
 - Impacts to program due to Water & Sewer design/works
 - Impacts to program due to clash problems associated with Stormwater Drainage works.

2. Workplace Health & Safety (SCC CI 11)

- Revised Safety Mgt Plan: currently deemed acceptable. To be revised to reflect latest MIP management flow chart.
- Crisis Mgt Plan: currently deemed acceptable. To be revised to reflect latest MIP management flow chart.
- Site Safety walks: ongoing every Friday morning.
- Toolbox talks: ongoing.
- Removal of asbestos: Holiday North apartments have friable identified at utility penetrations. Sub Contractor appointed, WMS for removal awaited.
- Accidents/incidents to report: Needle stick injury, worker was wearing gloves and following site procedures. Test taken at medical centre, results awaited.
- Safety Inductions: ongoing, typically held on Mon to Thurs (6:30am start) or alternatively on an "as requested" basis.
- Online induction system – online system for new inductees can be completed offsite.
- Demolition works: Works are substantially complete at St Moritz and Anita Apartments. Initial strip out has commenced at Holiday North. GCRT have permitted BPL to continue to occupy the Caltex site to assist with works at Telstra Pit 89.
- TMR, MIP Management Flowchart: Was distributed at the meeting, contents noted in relation to WH&S site visit 30/6 where communication protocols were not followed correctly. Outcome of the visit was a minor Improvement Notice that has been closed

[Redacted]	4/8
[Redacted]	4/8

out.		
4. Site.(GCC CI 27) a. Neddy Harper Park: PA to issue direction (via Variation) for removal of existing mounds near cnr of GC Hwy and Genoa St. Neddy Harper park is likely to be used as a compound by the OF, the final treatment to be adopted by BPL is to be dependent upon the timeframes between completion of EEW and start of OK works. b. Lots 1 & 2 (b/n Vets and Surf City Church): <u>1.4 s.</u> to follow-up with lawyers representing Lots 1&2 on one more occasion. c. Limit of works, beyond current extents, with respect to Energex and other utilities is to be established.	<div style="border: 1px solid red; padding: 5px;">use Sch.4 P</div>	Ongoing Ongoing
5. Design – refer to minutes from Design Issues meetings. a. <u>Key/Critical design issues</u> <ul style="list-style-type: none"> • Complete Clash review – refer to PUP works, • SWD works at Cascade Gardens, Britannia Ave, Lines 7, 4 and part of Line 9, • Clash/Design process is ongoing by Aurecon, • Drainage design for bus bays, • Property design issues at Ipanema, Crowne Plaza, Club Surfers, Old Saffron building, MEC Cafe, • Monaco St intersection works (incl. interface with PUP works). 		
6. Public Utility Plant (SCC CI 23) - refer to minutes from PUP Issues meetings a. Clash review yet to fully assess impacts of street-lighting, thrust-blocks, Optus conduits, etc. b. PUP Issues meetings are now held every week. Clash review schedule to be circulated to PLG members prior to PLG meetings. c. As advised by <u>use Sch.4</u> BPL to undertake Energex excavation works where possible. d. Protection of Energex 110kV conduits adjacent to SWD works along western side of GC Hwy (Neddy Harper park) <u>Refuse Sch.4 Part 4 s.6</u> <u>WMS to Energex and Allconnex for review/approval. Letter GRCT to Allconnex</u> <u>Refuse Sch.4 Part 4 s.6</u> regarding working adjacent to AC mains has been sent. e. Amendment to Allconnex MOU in regard to crossing of AC mains has been issued. f. BPL are working to open the Telstra NW line for them to be able to haul and joint cable.	<div style="border: 1px solid red; padding: 2px;">use Sch.4</div> Note <div style="border: 1px solid red; padding: 2px;">use Sch.4 P</div> Note Note	Ongoing Urgent
7. Construction Program (GCC CI 33.2 & SCC CI 8) a. Rev.4 Program drafted to be presented to PLG 7/7.	SC/MW	7/7
8. Construction Issues a. The contents of the latest BPL Weekly Report were discussed. <u>Key activities:</u> <ul style="list-style-type: none"> - Club Surfers modifications works – completion of outstanding works & rectification of defects <u>Refuse Sch.4 Part 4 s.6</u> to provide details of balustrades, etc). - Energex works (conduits, etc), - Second Ave – conflicting water main and Telstra cables to be relocated, and pavement works outstanding <u>use Sch.4 P</u> to consider plan for completion of part of these works to minimise impact on adjacent properties). - SW drainage works at southern section, - Telstra works on west side of GC Hwy (by BDB), - Telstra Pit No.89 planned hand over to Telstra 16/7/11, - Watermain works, b. Property works at Backpackers, Chao Praya and Darcy Arms. c. Remembrance Drive bus stop will be closed for 6 weeks.	Note <div style="border: 1px solid red; padding: 2px;">Refuse Sch.4 Part 4 s.6</div>	asap asap
9. Variations (GCC CI 40) a. <u>1.4 Part 4 s.6 Perso</u> continue to have weekly discussions regarding potential Variations and valuation of variations. b. Day works records are being kept for any potential variations.	Note Note	Ongoing

<p>c. The Tender vs IFC Dwgs/Schedules review is ongoing. BPL have commenced their review and repricing of noted Schedule items. To be discussed at PLG meeting on 7/7.</p>	<p>se Sch.4</p>	<p>7/7</p>
<p>10. Commercial a. Progress Claim No.8: b. Delay/disruption costs:</p>		
<p>11. Quality System (SCC CI 9) a. Quality Mgt Plan: Rev.7 of QMP – deemed suitable. b. SMEC audit to be conducted within the next 6 weeks, either on a Wednesday or Thursday.</p>	<p>Note fuse Sch.4 Pa</p>	<p>19/8</p>
<p>12. Environmental Management (SCC CI 10 & MRTS51.1) a. Revised Enviro' Mgt Plan: Rev.5 deemed suitable, subject to comment/conditions. b. Environmental inspections held every Wednesday (11am). c. <u>Cascade Gardens</u> – [4 s.] to follow-up with regard to amendment of DERM clearing permit to include trimming of 2 Nos. of large Eucalypts. General vegetation clearing is complete. d. Aurecon still to finalise adjacent design of the Stormwater works and 110kV crossings with relation to the clearance of vegetation through Cascade Garden. e. 16 Rosewood Ave, vibration monitoring location to be established, potential dilapidation survey to be completed.</p>	<p>use Sch.4 F</p>	<p>asap Urgent</p>
<p>13. Traffic Management (SCC CI 12) a. Traffic Mgt Plan deemed suitable at TMLG meeting 2/3. b. <u>Traffic Change Notification</u> - Person to be responsible for notifying TMR Traffic Management Centre of traffic changes – currently [4 Part 4 s.6 Pers] c. Submission of a fortnightly spreadsheet outlining road closures: AZ to update and issue to DA. d. <u>Next TMLG meeting</u>: Wed 3/8. e. [fuse Sch.4 Pa] to attend all future TMLG meetings. f. [Sch.] is now first contact person at TMC for signal failures, repairs, etc. [t 4 s.] is also noted as 2nd contact. g. Interface with V8 Supercars event (Oct 2011) to be considered in future planning. Northbound left lane will be a Bus/Emergency vehicle lane. h. Road Safety Audits: Pedestrian audit completed (awaiting final report). Audit of TGS006 completed (report finalised by Cardno – BPL to review and respond to recommendations). i. Energex will be on site to 5.30pm with a lane closure on 5/7/11.</p>	<p>use Sch.4 F Note Note Note All use Sch.4 P Note</p>	<p>Ongoing Ongoing asap</p>
<p>14. Community Liaison (SCC CI 13) & Other Stakeholder Interfaces a. <u>Complaints received since last meeting</u>: i. Thornton Towers (removal of 2 Nos of palm trees in Remembrance Drive) ii. Wharf Road residents, complaints regarding excessive traffic iii. Pink Poodle – potential class action due to Fern St closure iv. Intersection closures (general) v. Barac's vi. Mardi Gras vii. Chao Praya viii. Rosewood Ave vibration issue b. List of "high profile/sensitive" persons: [art 4 s.6] to provide to [art 4 s.6] on a monthly basis. Current details below: - D'Arcy Arms - Barac's (Paradise Inn / New Mexico Restaurant), - Club Surfers - Chang Mai Restaurant - Thornton Towers - Mantra Wings / Pink Poodle (Mr. John Milton) - Mardi Gras</p>		

<ul style="list-style-type: none"> - Clarendon Court c. White light poles at southern end of site have been removed from site to storage. d. Korean war memorial opening day on 20 August 400+ people to attend; impacts of TGS, bus movements, parking, etc, to be reviewed. e. Kokoda memorial walk taking place 8/8. f. Sch. noted that a long term Comm's strategy for long term closure of Second Ave needs to be developed. Concerns noted with regard to extended period of gravel accesses into the 2 properties at the western end of Second Ave. Sch. noted that a recent complaint has been received. Use Sch.4 F to consider program of works at this location. g. Refuse Sch.4 Part 4 GCRT Stakeholder Communications Officer is welcomed to the project team. 	<p>Note</p> <p>Refuse Sch.4 Pa</p>	<p>asap</p> <p>asap</p> <p>asap</p>
<p>15. Cultural Heritage (MRTS51.1 CI 4)</p> <ul style="list-style-type: none"> a. Traditional owners wish to have observers present on Site when works at Cascade Gardens commence. 	<p>Note</p>	
<p>16. Relationship Management. (SCC CI 43.6)</p> <ul style="list-style-type: none"> a. KPI Schedule Sch.4 provide an update of forecast results in the June 2011 monthly report. b. Relationship Health questionnaire: Details of the June 2011 results to be provided in the monthly report, and to be discussed at PLG meeting on 7/7. 	<p>Use Sch.4</p>	<p>7/7</p>
<p>17. Project Leadership Group (SCC CI 43.7)</p> <ul style="list-style-type: none"> a. PLG meeting to be held on Thurs 7/7 at GCRT Office. b. June 2011 Monthly Report and documentation to be circulated by Sch. to PLG. 	<p>Note</p> <p>Use Sch.4 P</p>	<p>7/7</p> <p>5/7</p>
<p>18. Local Industry Participation Plan (SCC CI 43.10)</p> <ul style="list-style-type: none"> a. LIP Schedule – to be completed by BPL and included in Monthly Reports. Use Sch.4 to forward details to Sch. in first week of each month. 	<p>Refuse Sch.4 P</p>	<p>Monthly</p>
<p>19. Employee Relations Mgt Plan (SCC CI 43.14)</p> <ul style="list-style-type: none"> a. CFMEU rep' visited the site on 28/6. 		
<p>20. Risk Management</p> <ul style="list-style-type: none"> a. PUP's are all subject to delayed design provision, potential for delay being incurred. b. Aurecon are still resolving 12D model review of clashes. c. PUP – potholing to verify exact location of services - 110kV to be given high priority. d. Aurecon design – still incomplete (particularly PUP, Property works, etc). e. Complications with crossings of AC water/sewer mains. f. Weather. g. Traffic. h. Other PUP providers (i.e. Optus). i. Impacts during Holiday periods (i.e. Sept, Dec/Jan, etc). j. Review of project risk register to be organised. 		
<p>21. Other</p> <ul style="list-style-type: none"> a. Welcome to Refuse Sch.4 Part filling the role of GCCC interface left by Refuse Sch.4 Part 4 b. Sch. taking over as Superintendent's Representative from Refuse Sch.4 Pa who is leaving the project, on 7/7/11. c. Sch. requires a safety induction. 	<p>Use Sch.4 P</p>	<p>asap</p>
<p>22. Next meeting:</p> <p>4 August 2011; Time 9:00am, at Site office conference room</p> <ul style="list-style-type: none"> - Invitations to be updated. 	<p>Refuse Sch.4 Pa</p>	

Site Meeting No. 12 - Minutes

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Job Number: 230/LR10/1C
Date: Thursday 4 August 2011 (9:10 to 10:20 am)
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy
Chairman: [Redacted] Part Refuse Sch.4 Part 4 s.6

Attendance:

GCRT [Redacted] GCRT – Early Works Manager (TS) [Redacted] Communications Coordinator (JK) GCCC [Redacted] – GCCC Project Officer (SG)	SMEC [Redacted] Superintendent [Redacted] [Redacted] – Superintendent's Rep. [Redacted] BPL [Redacted] – Project Manager [Redacted] [Redacted] Community Coordinator [Redacted] [Redacted] Assistant Community Coordinator [Redacted]
Apologies: [Redacted] – GCCC Senior Project Officer [Redacted] [Redacted] Engineer/Site Administrator [Redacted] [Redacted] Project Engineer [Redacted]	[Redacted] PUP & Design Review Leader [Redacted] [Redacted] Construction Manager [Redacted]

	Action By	Date
a. Previous Minutes – Previous Meeting Minutes (Meeting No.11 - 5/711) accepted as correct.		
1. Contract Dates: a. Date of Acceptance (DoA) – 20 October 2010. - Original date for PC 25 October 2011 - Revised date for PC 27 January 2012 b. Extension of Time: - 94 calendar days granted due to impact of Telstra works. - 125 calendar days applied for due to the ongoing impact of Telstra works (Rev 4 program PC date 31 May 2012). c. DA/SC are considering the mechanism to introduce a Separable Portion for the Southern Works with a PC of end Dec 2011.		
2. Workplace Health & Safety (SCC CI 11) a. <u>Safety Mgt Plan</u> : To be revised to reflect latest MIP management flow chart. b. <u>Crisis Mgt Plan (Appendix to Communication & Stakeholder Management Plan)</u> : To be revised to reflect latest MIP management flow chart. c. <u>Site Safety walks</u> : ongoing every Friday morning. d. <u>Toolbox talks</u> : ongoing. e. <u>Removal of asbestos</u> : WMS for removal of friable and bonded asbestos at Holiday North awaited. f. <u>Accidents/incidents to report</u> : 0 x LTI, 1 x MTI - cut to forearm, 1 x FAI - back strain. Two vehicle crash at Australia Avenue. g. <u>Safety Inductions</u> : Typically held Mon to Thurs (6:30am start) or “as requested”. h. <u>Online induction system</u> – Online induction pre requisite for site induction.	[Redacted]	11/8 11/8
4. Site.(GCC CI 27) a. Neddy Harper Park [Redacted] to confirm direction for removal of existing mounds near cnr of GC Hwy and Genoa St. Final reinstatement treatment is dependent on the timeframes between completion of EEW and start of OF works. [Redacted] to review correspondence.	[Redacted]	Ongoing

<p>5. Design – refer to minutes from Design Issues meetings.</p> <p>a. <u>Key/Critical design issues</u></p> <ul style="list-style-type: none"> Complete Clash review – refer to PUP works, SWD works at Cascade Gardens, Britannia Ave, Lines 7, 4 and part of Line 9, Clash/Design process is ongoing by Aurecon, Drainage design for bus bays, Property design issues. <p>b. Most design issues hopefully to be resolved by end of August</p>		
<p>6. Public Utility Plant (SCC CI 23) - refer to minutes from PUP Issues meetings</p> <p>a. Clash review yet to fully assess all impacts.</p> <p>b. As advised by <u>se Sch.4</u> BPL to undertake Energex excavation works where possible, activity 22 in SMEC issue register.</p> <p>c. Protection of Energex 110kV conduits and longitudinal AC watermains adjacent to works. Meeting held 3/8 BPL, SMEC, Energex established a protection process for lines 4 & 7 based on scenarios presented.</p> <p>d. <u>efuse Sch.4 Par</u> met with Energex to discuss protection 3/8/11, Energex expressed their frustration with the design process and lack of recognition of their requirements. Protection for lines 4 & 7 has been established based on scenarios. There is a need to discuss options for line 8.</p> <p>e. Energex are programmed to commence work on site in October.</p> <p>f. Telstra 24 hour jointing started 4/8/11, progress will be monitored.</p> <p>g. Telstra civil works are currently tracking to program.</p> <p>h. The Allconnex interface post <u>Part Refuse Sch.4 Part 4 s.</u> has not yet been established.</p>	<p><u>se Sch.4</u></p> <p>Note</p> <p>Note</p>	<p>Ongoing</p>
<p>7. Construction Program (GCC CI 33.2 & SCC CI 8)</p> <p>a. Rev.4 Program submitted for SMEC review.</p>	<p><u>fuse Sch.4 Pa</u></p>	<p>12/8</p>
<p>8. Construction Issues</p> <p>a. <u>Key activities:</u></p> <ul style="list-style-type: none"> Club Surfers modifications works – completion of outstanding works & rectification of defects. Design options to be submitted for balustrade and ramp modifications. Second Ave – conflicting water main and Telstra cables to be relocated, and pavement works outstanding <u>use Sch.4 P</u> to consider plan for completion of part of these works to minimise impact on adjacent properties). <p>b. Micro tunnelling for the Britannia Road crossing, to be discussed following meeting.</p> <ul style="list-style-type: none"> Pipe options to be resolved with GCCC Additional clearing requirements to be progressed through DERM, informal talks already been held <p>c. GPR survey of the road pavement is being organised by SMEC</p> <p>d. Valve insertion into live pressure mains details to be forwarded to <u>t 4 s.</u> by <u>t 4 s.</u></p>	<p><u>efuse Sch.4 Pa</u></p>	<p>asap</p> <p>asap</p> <p>4/8</p> <p>asap</p> <p>asap</p>
<p>9. Variations (GCC CI 40)</p> <p>a. <u>art 4 s.6</u> have discussed consolidation of variations to reduce the number in the BPL register from 188 to about 47. SC/DA have regular discussions regarding valuation.</p> <p>b. The Tender vs IFC Dwgs/Schedules review is ongoing. BPL are well progressed with their review. SMEC have engaged <u>h.4 Part 4 s.6 Pers</u> to carry out peer overview/review.</p>	<p>Note</p> <p>Note</p>	<p>Ongoing</p> <p>Ongoing</p>
<p>10. Commercial</p> <p>a. Progress Claim No.8 payment certificate and invoice issued to GCRT.</p> <p>b. Draft progress Claim No.9 submitted to SMEC for review.</p> <p>c. Current SMEC purchase order should cover July invoice period, GCRT require estimated completion costs to extend financial approval.</p>	<p>Note</p> <p><u>se Sch.4</u></p>	<p>Ongoing</p> <p>asap</p>
<p>11. Quality System (SCC CI 9)</p> <p>a. NCR's raised to 31/7/11 – 70, raised July – 20.</p> <p>b. SMEC audit to be conducted within the next 6 weeks, either on a Wednesday or</p>	<p><u>t 4 s.</u></p>	<p>12/8</p>

<p>Thursday, BPL to be advised of firm date and audit scope.</p>		
<p>12. Environmental Management (SCC CI 10 & MRTS51.1) a. Cultural Heritage monitor communications are ongoing. b. Information to update the DERM permit to be sent to Sch for forwarding to DERM c. Environmental permit conditions summary forwarded by refuse Sch.4 Part</p>	<p>use Sch.4 Note</p>	<p>4/8</p>
<p>13. Traffic Management (SCC CI 12) a. Traffic Change Notification - Person responsible for notifying TMC of traffic changes – currently Refuse Sch.4 Part b. Submission of a fortnightly spreadsheet outlining road closures Sch.4 to update and issue to Sch.4 c. Next TMLG meeting: TBA. d. Interface with V8 Supercars event (Oct 2011) to be considered in future planning. Northbound left lane will be a Bus/Emergency vehicle lane. e. VMS to be supplied for Korean War Memorial opening.</p>	<p>Note use Sch.4 P Note All refuse Sch.4 Pa</p>	<p>Ongoing Ongoing</p>
<p>14. Community Liaison (SCC CI 13) & Other Stakeholder Interfaces a. Communication events received (complaints%), July 124 (5%), June 112 (12%). b. <u>Complaints received since last meeting:</u> i. Two concerning nightworks. ii. One concerning access to Club Surfers reception. c. List of new “high profile/sensitive” persons: art 4 s.6 to provide to art 4 s.6 on a monthly basis. - Alexander Apartments - Clarendon Apartments d. Korean war memorial opening day on 20 August 400+ people expected to attend; impacts of TGS, bus movements, parking, etc, to be reviewed. e. Kokoda memorial walk presentation taking place 8/8. Around 200 expected to attend, 1 minute silence to be respected by the site team. f. Nightworks notices being delivered 4/8/11, including phone and email contact with DERM</p>	<p>refuse Sch.4 Pa TP</p>	<p>asap asap</p>
<p>15. Cultural Heritage (MRTS51.1 CI 4) a. Traditional owners wish to have observers present on Site when ground breaking works at Cascade Gardens commence</p>	<p>Note</p>	
<p>16. Relationship Management. (SCC CI 43.6) a. KPI Schedule, Sch. to provide an update of forecast results in monthly report reports. b. Relationship Health questionnaire. Details of results provided in monthly reports. c. Follow up relationship workshop to be held 19/8 from 7.30am to 12.00pm followed by lunch on site. PUP and GCCC representatives to be invited. Invitations to be sent 4/8.</p>	<p>use Sch.4 P</p>	<p>Ongoing Ongoing 4/8</p>
<p>17. Project Leadership Group (SCC CI 43.7) a. PLG meeting held 7/7 and interim meeting held 21/7 at GCRT office. Next PLG 12/8. b. July 2011 Monthly Report and documentation to be circulated by Sch. to PLG before next meeting.</p>	<p>Note use Sch.4 P</p>	<p>Ongoing</p>
<p>18. Local Industry Participation Plan (SCC CI 43.10) a. LIP Schedule – to be completed by BPL and included in Monthly Reports use Sch.4 P to forward details to Sch. in first week of each month.</p>	<p>use Sch.4 P</p>	<p>Monthly</p>
<p>19. Employee Relations Mgt Plan (SCC CI 43.14) a. Nil issues, BPL statewide agreement currently being negotiated.</p>	<p>Note</p>	
<p>20. Risk Management a. PUP's are all subject to delayed design provision, potential for delay being incurred. b. Aurecon are still resolving 12D model review of clashes. c. PUP – potholing to verify exact location of services – still ongoing.</p>		

<p>d. Aurecon design – still incomplete (particularly PUP, Property works, etc). e. Complications with crossings of AC water/sewer mains. f. Weather. g. Traffic. h. Other PUP providers (i.e. Optus). i. Impacts during Holiday periods (i.e. Sept, Dec/Jan, etc). j. Review of project risk register has commenced and is ongoing. k. Production levels of PUP authorities to be monitored (Telstra Jointing) l. Out of Work not being permitted by DERM/GCRT/GCCC</p>		
<p>21. Other a. The outcomes of the schedule repricing and review are required prior to the next PLG. b. Refuse Sch.4 Part finishing on the project Friday 5/8/11, Refuse Sch.4 Part taking over the role alone, replacement for Refuse Sch.4 to be reviewed.</p>	<p>Note</p>	
<p>22. Next meeting: 1 September 2011; Time 9:00am, at Site office conference room - Invitations to be updated.</p>	<p>Refuse Sch.4 F</p>	

Released under RTI - DTMR

Site Meeting No. 13 - Minutes

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Job Number: 230/LR10/1C
Date: Thursday 1 September 2011 (9:00 to 10:25 am)
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy
Chairman: Sch.4 Part 4 s.6 Personal

Attendance:

GCRT Refuse Sch.4 Part 4 GCCC t Refuse Sch.4 Part 4	GCRT – Early Works Manager GCCC Project Officer	SMC t Refuse Sch.4 Part 4 t Refuse Sch.4 Part 4 BPL Refuse Sch.4 Part 4	Superintendent's Representative PUP & Design Review Leader Project Manager Assistant Community Coordinator
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Apologies:

t Refuse Sch.4 Part 4	GCCC Senior Project Officer (SA) Superintendent (PK)	t Refuse Sch.4 Part 4	Construction Manager Communications Coordinator
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Action By

Date

a. Previous Minutes – Previous Meeting Minutes (Meeting No.12 held on 4 August 2011) accepted as correct.

1. Actions From Previous Meeting: (meeting No shown #)

a. (#12) <u>Safety Mgt Plan</u> : To be revised to reflect latest MIP management flow chart. SC to confirm submission through Project Centre.	use Sch.4 P	1/9
b. (#12) <u>Crisis Mgt Plan (Appendix to Communication & Stakeholder Management Plan)</u> : To be revised to reflect latest MIP management flow chart. Being updated to include more details specific to respond to an incident for each PUP service and supply type.		8/9
c. (#12) Neddy Harper Park: SMEC received confirmation of direction to remove existing mounds near cnr of GC Hwy and Genoa St. Sch. to issue instruction.		Ongoing
d. (#12) PUP Clash review yet to fully assess all impacts. Mid September completion.		16/9
e. (#12) Club Surfers modifications works – completion of outstanding works & rectification of defects.		ASAP

1. Contract Dates:

- a. Date of Acceptance (DoA) – 20 October 2010.
 - Original date for PC 25 October 2011
 - Revised date for PC 27 January 2012
- b. Extension of Time:
 - 94 calendar days granted due to impact of Telstra works.
 - 64 calendar day application expected with submission of Rev 5 program with PC date of 31 March 2012).
- c. Part 4 s.6 Pe are considering the mechanism to introduce a Separable Portion for the Southern Works with a PC of end Dec 2011.

2. Workplace Health & Safety (SCC CI 11)

b. <u>Safety Mgt Plan</u> : Sch. to confirm this has been submitted through Project Centre	use Sch.4 P	1/9
c. <u>Community and Stakeholder Mgt Plan</u> : Being updated to include Crisis MGT Plan.		8/9
d. <u>Site Safety walks</u> : ongoing every Friday morning.		ASAP
e. <u>Toolbox talks</u> : ongoing.		
f. <u>Removal of asbestos</u> : WMS for removal of friable asbestos at Holiday North awaited Sch. to confirm this has been submitted. There is the potential for asbestos handling/safety audits being carried randomly by WH&S.		
g. <u>Accidents/incidents to report</u> : Nil		
h. <u>Safety Inductions</u> : Typically held Mon to Thurs (6:30am start) or “as requested”, currently almost 1000 have been completed.		
i. <u>Online induction system</u> – Online induction pre requisite for site induction.		

<p>4. Site.(GCC CI 27)</p> <p>a. Goldlink Handover – They will require Neddy Harper Park for compound purposes, final reinstatement requirements for BPL to be established.</p> <p>b. Goldlink Handover – They may be looking at taking over the current office compound and buildings from BPL on completion of RWS.</p>		
<p>5. Design – refer to minutes from Design Issues meetings.</p> <p>a. <u>Key/Critical design issues</u></p> <ul style="list-style-type: none"> • Complete Clash review – refer to PUP works, • SWD works at Cascade Gardens, Britannia Ave, Lines 7, 4 and part of Line 9, • Property design issues, • DN375 water main ('Fern St' section) design required ASAP • Gas design required ASAP, with Aurecon/APA • Goldlink interface issues, drainage, final treatments, kerbs etc. • Design of RCBC's in lines 4 and 7 crossing 110KV • Combined conduit drawings required ASAP 	<p>ise Sch.4 f</p>	<p>16/9 ASAP</p> <p>ASAP</p>
<p>6. Public Utility Plant (SCC CI 23) - refer to minutes from PUP Issues meetings</p> <p>a. As advised by <u>ise Sch.4</u> BPL to undertake Energex excavation works where possible, activity 22 in SMEC issue register</p> <p>b. Energex availability on site, <u>ise Sch.4</u> meeting Energex to confirm dates.</p> <p>c. Energex conduits to be temporarily within private property to avoid conflicts with Telstra pits until Telstra is removed.</p>	<p>Note</p>	
<p>7. Construction Program (GCC CI 33.2 & SCC CI 8)</p> <p>a. Rev.5 Program requested for SMEC review.</p>	<p>ise Sch.4 f</p>	<p>ASAP</p>
<p>8. Construction Issues</p> <p>a. <u>Key activities:</u></p> <ul style="list-style-type: none"> - Telstra have 3 civil crews, 2 pit crews and 16 jointers on site. - Civilec have 2 crews on day shift and 2 crews on nights shift and 1 pit crew, all will follow on to the ITS works on completion of Energex. - Schedule of Principal supplied light poles to be provided to BPL. 	<p>TS</p>	<p>ASAP</p>
<p>9. Variations (GCC CI 40)</p> <p>a. <u>art 4 s.6</u> have regular discussions regarding valuation.</p> <p>b. The Tender vs IFC Dwg/Schedules review is almost complete. BPL/SMEC to discuss final submissions 1/9 and 2/9 ahead of extraordinary PLG on 5/9.</p>	<p>Note Note</p>	
<p>10. Commercial</p> <p>a. Progress Claim No.9 payment certificate and invoice issued to GCRT.</p> <p>b. Draft progress Claim No.10 to be submitted to SMEC for review.</p>		
<p>11. Quality System (SCC CI 9)</p> <p>a. NCR's raised to 31/8/11 - 82, raised August - 12</p> <p>b. SMEC audit of quality systems conducted 30/8/11, outcomes to be provided.</p>	<p>Note</p>	
<p>12. Environmental Management (SCC CI 10 & MRTS51.1)</p> <p>a. SMEC audit of environmental management systems scheduled for 7/9/11.</p> <p>b. Installation of the silt curtain at the outlet is still not correctly completed.</p> <p>c. Arborist report for Cascade safety tree trimming to be completed following site inspection.</p>	<p>efuse Sch.4 Pa</p>	<p>ASAP Ongoing</p>
<p>13. Traffic Management (SCC CI 12)</p> <p>a. Traffic Change Notification - Person responsible for notifying TMC of traffic changes – currently <u>efuse Sch.4 Part</u></p> <p>b. <u>Next TMLG meeting:</u> 7/9/11.</p> <p>c. Interface with V8 Supercars event (Oct 2011) to be considered in future planning. Northbound left lane will be a Bus/Emergency vehicle lane.</p>	<p>Note Note Note</p>	

<p>d. Impacts analysis for works at Surfers Paradise Boulevard are currently being worked through for presentation at the next TMLG.</p>	<p>use Sch.4 P</p>	<p>7/9</p>
<p>14. Community Liaison (SCC CI 13) & Other Stakeholder Interfaces a. Communication events received (complaints%), August 160 (6%), July 124 (5%). b. <u>Complaints received since last meeting:</u> i. Noise from median removal at Thornton Towers. ii. Impacts related to the increased work area at Australia Avenue. c. List of new "high profile/sensitive" persons to be provided to <u>art 4 s.6</u> monthly. - Nil new, however, Crowne Plaza may be added to the list next month. d. Generally no issues with the Southern switch proposal apart from Beer Thai and Sapporo restaurants.</p>	<p>use Sch.4 P</p>	<p>Monthly</p>
<p>15. Cultural Heritage (MRTS51.1 CI 4) a. Traditional owners wish to have observers present on Site when works at Cascade Gardens commence. b. Traditional owners will be advised once excavation is completed and will be given the opportunity to carry out investigations in the excavated area.</p>	<p>Note use Sch.4 P</p>	<p>Ongoing</p>
<p>16. Relationship Management. (SCC CI 43.6) a. <u>KPI Schedule:</u> <u>t 4 s.</u> to provide an update of forecast results in the August 2011 monthly report. b. <u>Relationship Health questionnaire:</u> Details of the August 2011 results to be provided in the monthly report.</p>	<p>use Sch.4</p>	<p>Monthly Monthly</p>
<p>17. Project Leadership Group (SCC CI 43.7) a. <u>Next PLG Meeting:</u> 9/9/11 at 1pm. b. Current Monthly Report and documentation to be circulated to PLG by <u>t 4 s.</u></p>	<p>Note use Sch.4 P</p>	<p>Monthly</p>
<p>18. Local Industry Participation Plan (SCC CI 43.10) a. LIP Schedule – to be completed by BPL and included in Monthly Reports. <u>use Sch.4 P</u> forward details to <u>Sch</u> in first week of each month.</p>	<p>use Sch.4 P</p>	<p>Monthly</p>
<p>19. Employee Relations Mgt Plan (SCC CI 43.14) a. Statewide EBA has had late involvement from CFMEU with no issues expected</p>		
<p>20. Risk Management a. PUP's are all subject to delayed design provision, potential for delay being incurred. b. Aurecon are still resolving 12D model review of clashes. c. PUP – potholing to verify exact location of services – still ongoing. d. Aurecon design – still incomplete (particularly PUP, Property works, etc). e. Complications with crossings of AC water/sewer mains. f. Weather. g. Traffic. h. Other PUP providers (i.e. Optus, APA/APT). i. Impacts during Holiday periods (i.e. Sept, Dec/Jan, etc). j. Review of project risk register has been completed, register will be reviewed monthly for update. <u>t 4 s.</u> to forward to <u>t 4 s.</u></p>	<p>use Sch.4 P</p>	<p>6/9</p>
<p>21. Other a. Out of hours response times not established for pot hole repairs, however, defects are repaired as soon as notified. b. Costs for Energex works provided to <u>Refuse Sch.4 Part 40</u> follow up. c. GCCC need to ensure that site coordination requirements are issued to work crews.</p>	<p>use Sch.4 P</p>	<p>6/9 ASAP</p>
<p>22. Next meeting: 6/10/11 - 9:00am, at Site office conference room - Invitations to be updated.</p>	<p>use Sch.4</p>	

Site Meeting No. 14 - Minutes

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Job Number: 230/LR10/1C
Date: Friday 7 October 2011 (9:00 to 10:30 am)
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy
Chairman: [Redacted]

Attendance:

GCRT	SMC
[Redacted] GCRT – Early Works Manager (rt 4 s.6)	[Redacted] Superintendent (rt 4 s.6)
[Redacted] – Communications Coordinator (rt 4 s.6)	[Redacted] – Superintendent's Rep. (rt 4 s.6)
GCCC	[Redacted] – PUP & Design Review Leader (rt 4 s.6)
[Redacted] – GCCC Project Officer (rt 4 s.6)	BPL
	[Redacted] – Project Manager [Redacted]
	[Redacted] – Construction Manager (rt 4 s.6)
	[Redacted] Community & Stakeholder Engagement Coordinator (rt 4 s.6)

Apologies:

[Redacted] Refuse Sch.4 Part 4 GCCC Senior Project Officer (rt 4 s.6)

	Action By	Date
a. Previous Minutes – Previous Meeting Minutes (Meeting No.13 held on 1 September 2011) accepted as correct.		
Actions From Previous Meeting: (meeting No shown #)		
a. (#12) <u>Safety Mgt Plan</u> : To be revised to reflect latest MIP management flow chart. SC to confirm submission through Project Centre.	[Redacted]	1/9
b. (#12) <u>Crisis Mgt Plan (Appendix to Communication & Stakeholder Management Plan)</u> : To be revised to reflect latest MIP management flow chart. Being updated to include more details specific to respond to an incident for each PUP service and supply type.	[Redacted]	14/11
c. (#12) <u>Neddy Harper Park</u> : SMEC received confirmation of direction to remove existing mounds near cnr of GC Hwy and Genoa St. [Redacted] Sch.4 issue instruction.	[Redacted]	7/10
d. (#13) <u>Community and Stakeholder Mgt Plan</u> : Being updated to include Crisis MGT Plan.	[Redacted]	7/10
e. (#13) <u>Removal of asbestos</u> : WMS for removal of friable asbestos at Holiday North awaited SC to confirm this has been submitted.	[Redacted]	ASAP
f. (#13) <u>Key/Critical design issues</u> : Gas design required ASAP, with Aurecon/APA.	[Redacted]	ASAP
g. (#13) <u>Construction Issues</u> : Schedule of Principal supplied light poles to be provided to BPL.	[Redacted]	14/10
h. (#13) <u>Environmental Management</u> : installation of the silt curtain at the outlet is still not correctly completed.	[Redacted]	ASAP
i. (#13) <u>Environmental Management</u> : Arborist report for Cascade safety tree trimming to be completed following site inspection. To be submitted to SMEC.	[Redacted]	7/10
j. (#13) <u>Cultural Heritage</u> : Requirements in regard to traditional owners were fulfilled, correspondence required to close out.	[Redacted]	Ongoing
1. Contract Dates:		
a. Date of Acceptance (DoA) – 20 October 2010. - Original date for PC 25 October 2011 - Revised date for PC 27 January 2012		
b. Extension of Time: - 94 calendar days granted due to impact of Telstra works. - application expected to support Rev 6 program with PC date of 16 April 2012.		
c. Southern zone works – key outcome for Christmas shutdown is no barriers and 4 operational lanes. There will possibly be an embargo on working outside accommodation during the holiday period.		
2. Workplace Health & Safety (SCC CI 11)		
a. <u>Safety Mgt Plan</u> : Nil		

<p>b. <u>Community and Stakeholder Mgt Plan</u>: Being submitted to SMEC 7/10 (ref action d.)</p> <p>c. <u>Site Safety walks</u>: ongoing every Friday morning.</p> <p>d. <u>Toolbox talks</u>: ongoing.</p> <p>e. <u>Removal of asbestos</u>: BPL staff now trained in asbestos removal.</p> <p>f. <u>Accidents/incidents to report</u>: Nil LTI's, Nil Injuries. 150,000 man hours LTI free.</p> <p>g. Link for online inductions to be sent to 4.s.</p>	use Sch.4 P	ASAP
<p>4. Site.(GCC CI 27)</p> <p>a. Golding Handover – nil issues to note</p> <p>b. GCCC/GCRT to investigate areas within Neddy Harper Park that Golding will be allowed to occupy.</p> <p>c. Golding noise monitors are coming to site, must be inducted.</p> <p>d. Caltex is now back in the ownership of Caltex, Sch.6 prepare notice.</p> <p>e. Existing stormwater drainage from Rosewood Ave is required by Golding.</p>		
<p>5. Design – refer to minutes from Design Issues meetings.</p> <p>a. <u>Key/Critical design issues</u></p> <ul style="list-style-type: none"> • Complete Clash review – refer to PUP works, still ongoing. • SWD works at Britannia Ave and part of Line 9 (North end) • Property design issues, Crowne Plaza, iPanema, vacant property retaining wall. • Golding interface issues, drainage, final treatments, kerbs etc. • Speed of response to RFI queries, advice given to Aurecon, possible communication issue. • Construction of crossings to multi unit developments are not to prevent access where ever possible. Meeting to be held refuse Sch.4 Part 6 review all properties. • Golding change in levels at Monaco St will be provided for construction as design is completed. <p>b. GCRT to re-emphasise that design is still critical path for the project.</p> <p>c. Aurecon representative to be invited to next progress meeting.</p>	use Sch.4 F	<p>25/10</p> <p>7/10</p> <p>7/10</p>
<p>6. Public Utility Plant (SCC CI 23) - refer to minutes from PUP Issues meetings</p> <p>a. Telstra in the North zone relies on removal of padmount transformer at holiday north and the cut in of temporary water to facilitate construction.</p> <p>b. Pits (Energex and Telstra) North of Thornton need to be resolved ASAP.</p> <p>c. AAPT and Pipenetworks want continuous runs rather than jointed cables GCRT to discuss temporary FAP with them.</p> <p>d. Allconnex becoming major problem on site auditor can be obstructive, change of personnel recommended.</p> <p>e. Allconnex need to be more focused on RWS.</p>	use Sch.4 F	<p>14/10</p> <p>ASAP</p> <p>ASAP</p>
<p>7. Construction Program (GCC CI 33.2 & SCC CI 8)</p> <p>a. Rev 6 issued to SMEC for review, meeting required to discuss optimisation.</p> <p>b. Program for PLG with options for earlier completion, and the impacts the changes will have.</p> <p>c. Weekly meetings to include discussion on program, nightworks and whether more/less can be done at night.</p>		
<p>8. Construction Issues</p> <p>a. <u>Key activities</u>:</p> <ul style="list-style-type: none"> - Telstra have 2 civil crews, 1 pit crews and 4 jointing crews on site. - Civilec have 3 crews on day shift and 1 pit crew on site. - Construction of pit at Mantra (Pink Poodle) to be prioritised.. - Possible issue with pit at Holiday North. - Meeting with CL to be held to discuss working 6 day week in lieu of 5 day week. 		
<p>9. Variations (GCC CI 40)</p> <p>a. use Sch.4 F have regular discussions regarding valuation.</p> <p>b. Review of revised schedules has been completed with a revised contract value</p>	<p>Note</p> <p>Note</p>	

<p>agreed between BPL and GCRT, advice received from [4 s] in regard to the agreement. Revised schedules have been prepared and are currently being reviewed by SMEC.</p> <p>c. Refuse Sch.4 Part from Evans & Peck is working with BPL to review large value variations. ch.4 Part 4 s.6 Personal is to take over moving forward.</p> <p>d. [4 s.] to prepare documents to support basis for repricing exercise.</p> <p>e. [4 s.] to issue direction in regard to repricing process.</p>	<p>use Sch.4 F</p>	<p>10/10 Ongoing</p>
<p>10. Commercial</p> <p>a. Progress Claim No.10 payment certificate and invoice issued to GCRT.</p> <p>b. Draft progress Claim No.11 to be submitted to SMEC for review.</p>		
<p>11. Quality System (SCC CI 9)</p> <p>a. NCR's raised to 30/9/11 - 12, raised September - 5</p> <p>b. SMEC audit of quality systems conducted 30/8/11, outcomes provided.</p> <p>c. [Sch.] to contact PUP providers to establish as constructed document requirements, who does and/or what do they need.</p> <p>d. Once the design is complete Aurecon need to incorporate all changes that have been issued into revised construction drawings. These are necessary as a base for as constructed information.</p>	<p>Note use Sch.4</p>	<p>Ongoing Ongoing</p>
<p>12. Environmental Management (SCC CI 10 & MRTS51.1)</p> <p>a. SMEC audit of environmental management systems conducted 7/9/11, outcomes provided.</p> <p>b. Final incident report for the sewerage spill at Australia Avenue is required.</p>	<p>use Sch.4 F</p>	<p>12/10</p>
<p>13. Traffic Management (SCC CI 12)</p> <p>a. <u>Traffic Change Notification</u> - Person responsible for notifying TMC of traffic changes – currently Refuse Sch.4 Part</p> <p>b. <u>Next TMLG meeting</u>: 12/10/11.</p> <p>c. Interface with V8 Supercars event (Oct 2011) Northbound left lane will be a Bus/Emergency vehicle lane, there are to be no northbound lane closures between 17-24/10 day or night. It is possible to close Southbound lanes during this period.</p> <p>d. Traffic permit to be reviewed.</p>	<p>Note Note Note use Sch.4 F</p>	<p>ASAP</p>
<p>14. Community Liaison (SCC CI 13) & Other Stakeholder Interfaces</p> <p>a. Communication events received (complaints%), September 182 (9%), August 160 (6%).</p> <p>b. <u>Complaints received since last meeting</u>:</p> <ol style="list-style-type: none"> Nightworks noise. Vehicle damage. Dust nuisance. <p>c. List of new "high profile/sensitive" persons to be provided to [Sch.4 F] monthly. - [Sch.4 Part 4 s.6 Personal] drainage outlet works complained to councillor.</p> <p>d. Resolution required in regard to provision/servicing of a bin at 2nd Avenue bus stop.</p> <p>e. Holiday period nightworks to be reviewed including impacts on the program to be discussed at PLG.</p>	<p>use Sch.4 F use Sch.4 F</p>	<p>Monthly</p>
<p>15. Cultural Heritage (MRTS51.1 CI 4)</p> <p>a. Nil Issues.</p>		
<p>16. Relationship Management. (SCC CI 43.6)</p> <p>a. <u>KPI Schedule</u>: [4 s.] to provide an update of forecast results in the September 2011 monthly report.</p> <p>b. <u>Relationship Health questionnaire</u>: Details of the September 2011 results to be provided in the monthly report.</p>	<p>use Sch.4 F</p>	<p>Monthly Monthly</p>
<p>17. Project Leadership Group (SCC CI 43.7)</p> <p>a. <u>Next PLG Meeting</u>: 11/10/11 at 1pm.</p> <p>b. Current Monthly Report and documentation to be circulated to PLG by [Sch.4]</p>	<p>Note [Sch.4]</p>	<p>Monthly</p>

<p>18. Local Industry Participation Plan (SCC CI 43.10) a. LIP Schedule – to be completed by BPL and included in Monthly Reports.</p>	<p>use Sch.4 F</p>	<p>Monthly</p>
<p>19. Employee Relations Mgt Plan (SCC CI 43.14) a. ABCC visited site with no issues reported. b. No other issues.</p>		
<p>20. Risk Management a. PUP's are all subject to delayed design provision, potential for delay being incurred. b. Aurecon are still resolving 12D model review of clashes. c. PUP – potholing to verify exact location of services – still ongoing. d. Aurecon design – still incomplete (particularly PUP, Property works, etc). e. Complications with crossings of AC water/sewer mains. f. Weather. g. Traffic. h. Other PUP providers (i.e. Optus, APA/APT, AAPT, Pipe Networks). i. Impacts during Holiday periods (Dec/Jan, etc). j. GC600 impacts on progress. k. Schoolies weeks impacts. l. Allconnex – Cut overs, subbies, design approvals etc.</p>		
<p>21. Other a. Out of hours response times not established for pot hole repairs, however, defects are repaired as soon as notified. Procedure to be finalised b. Meeting advised that <u>art 4 s.6</u> would be leaving the project, he was thanked for his input and wished well for the future.</p>	<p>se Sch.4</p>	<p>14/10</p>
<p>22. Next meeting: 3 November 2011; Time 9:00am, at Site office conference room - Invitations to be updated.</p>	<p>efuse Sch.4 Pa</p>	

Released under RTI - DTMR

Site Meeting No. 15 - Minutes

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Job Number: 230/LR10/1C
Date: Thursday 3 November 2011 (11:00 to 12:45 am)
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy
Chairman: [Redacted] Part Refuse Sch.4 Part 4 s.6

Attendance:

<p>GCRT [Redacted] GCRT – Early Works Manager (see Sch.4) [Redacted] – Communications Coordinator (see Sch.4) [Redacted] – Golding Interface Manager (see Sch.4) GCCC Aurecon</p>	<p>SMEC [Redacted] Superintendent's Rep (see Sch.4) [Redacted] PUP & Design Review Leader (see Sch.4) BPL [Redacted] – Project Manager (see Sch.4) [Redacted] Community & Stakeholder Engagement Coordinator (see Sch.4)</p>
<p>Apologies: [Redacted] – Superintendent (see Sch.4) [Redacted] – Construction Manager (see Sch.4) [Redacted] – Design Coordination Manager (see Sch.4)</p>	<p>[Redacted] GCCC Senior Project Officer (see Sch.4) [Redacted] GCCC Project Officer (see Sch.4)</p>

	Action By	Date
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a. Previous Minutes – Previous Meeting Minutes (Meeting No.14 held on 7 October 2011) accepted as correct.

Actions From Previous Meeting: (meeting No shown #)

	Action By	Date
a. (#12) <u>Safety Mgt Plan</u> : To be revised to reflect latest MIP management flow chart. DB to confirm submission through Project Centre.	[Redacted]	10/11
b. (#12) <u>Crisis Mgt Plan (Appendix to Communication & Stakeholder Management Plan)</u> : To be revised to reflect latest MIP management flow chart. Being updated to include more details specific to respond to an incident for each PUP service and supply type.	[Redacted]	3/11
c. (#12) <u>Neddy Harper Park</u> : SMEC received confirmation of direction to remove existing mounds near cnr of GC Hwy and Genoa St. [Redacted] to issue instruction.	[Redacted]	17/11
d. (#13) <u>Community and Stakeholder Mgt Plan</u> : Being updated to include Crisis MGT Plan.	[Redacted]	3/11
e. (#13) <u>Removal of asbestos</u> : WMS for removal of friable asbestos at Holiday North awaited. [Redacted] to confirm this has been submitted.	[Redacted]	3/11
f. (#13) <u>Cultural Heritage</u> : Requirements in regard to traditional owners were fulfilled, correspondence required to close out.	[Redacted]	10/11
g. <u>Key/Critical design issues</u> : SWD works at Britannia Ave and part of Line 9 (North end). [Redacted] to provide benefits in cutting scope back. [Redacted] review with [Redacted].	[Redacted]	4/11
h. <u>PUP</u> : Pits (Energex and Telstra) North of Thornton site possession issues need to be resolved ASAP.	[Redacted]	4/11
i. <u>Quality</u> : [Redacted] to contact PUP providers to establish as constructed document requirements, who does and/or what do they need.	[Redacted]	Ongoing
j. <u>Traffic</u> : Traffic permit to be reviewed.	[Redacted]	ASAP
k. <u>Other</u> : Out of hours response times not established for pothole repairs, however, defects are repaired as soon as notified. Procedure to be finalised.	[Redacted]	11/11

1. Contract Dates:

- Date of Acceptance (DoA) – 20 October 2010.
 - Original date for PC 25 October 2011
 - Revised date for PC 27 January 2012
- Extension of Time:
 - 94 calendar days granted due to impact of Telstra works.
 - application expected in support of October update to Rev 6 program with PC date to be finalised.
- Contract notification given to accelerate Southern Zone Works with a PC of end Dec 2011.

<p>2. Workplace Health & Safety (SCC CI 11) b. <u>Safety Mgt Plan</u>: nil c. <u>Community and Stakeholder Mgt Plan</u>: nil d. <u>Site Safety walks</u>: ongoing every Friday morning. e. <u>Toolbox talks</u>: ongoing. f. <u>Accidents to report</u>: 0 LTI's, 0 Injuries. g. <u>Incidents to report</u>: Live traffic signal cable cut Sunday night, report to be submitted. h. <u>Site Condition</u>: General site conditions to be reviewed after last week's safety walk</p>		
<p>4. Site.(GCC CI 27) a. Goldlink Handover – Requirements for extra conduits and drainage advised, conduits to be installed ahead of detail design if work is progressing in the vicinity.</p>		
<p>5. Design/PUP (SCC CI 23) – refer to minutes from Design Issues meetings. a. <u>Watermain</u>: Design issues all priority 1. <ul style="list-style-type: none"> Extent of watermain be established b. Single register for all design issues has been established with refuse Sch.4 Part 4 BPL design interface. c. <u>Key/Critical design issues</u> <ul style="list-style-type: none"> Complete Clash review – refer to PUP works, still ongoing. Property design issues, Crowne Plaza, vacant property retaining wall. Goldlink interface issues, drainage, final treatments, kerbs etc. Speed of response to RFI queries, advice given to Aurecon, possible communication issue. Construction of crossings to multi unit developments, property accessibility plan to be developed following meeting held to review all properties. Goldlink change in levels at Monaco St will be provided for construction as design is completed. GCCC have raised issues with the MEC access ramp. Agreed with Alexander apartments that their driveway can be blocked between 9am and 4pm programmed for blocks of 3 days. </p>		
<p>7. Construction Program (GCC CI 33.2 & SCC CI 8) a. Current status Rev 6 to Show impacts of shut down for holiday period. b. Southern zone driven by watermain BPL resources to be levelled to bring in earlier if possible. c. Northern zone date to be reviewed</p>		
<p>8. Construction Issues a. <u>Key activities</u>: - Telstra have 2 civil crews and 1 pit crews on site. - Civilec have 3 crews on day shift and 1 pit crew on site.</p>		
<p>9. Variations (GCC CI 40) a. Variation register update to be provided to se Sch.4</p>	use Sch.4 P	ASAP
<p>10. Commercial a. Progress Claim No.11 payment certificate and invoice issued to GCRT. b. Draft progress Claim No.12 to be submitted to SMEC for review likely to be about \$4.5M.</p>		
<p>11. Quality System (SCC CI 9) a. NCR's raised to 31/10/11 - 94, raised October - 4</p>		
<p>12. Environmental Management (SCC CI 10 & MRTS51.1) a. SMEC audit of environmental management systems conducted 7/9/11, updated report required.</p>		
<p>13. Traffic Management (SCC CI 12)</p>		

<p>a. Traffic Change Notification - Person responsible for notifying TMC of traffic changes – currently Refuse Sch.4 Part 4</p> <p>b. Next TMLG meeting: 9/11/11.</p> <p>c. Sch.4 to attend next TMLG meeting to present Christmas shutdown and holiday period plans.</p>	<p>Note</p> <p>Note</p> <p>use Sch.4 P</p>	<p>9/11</p>
<p>14. Community Liaison (SCC CI 13) & Other Stakeholder Interfaces</p> <p>a. Complaints received since last meeting: 46 received mainly about nightworks and noise key points at - Neddy Harper Park - Mardi Gras – Surfers Paradise Boulevard Alexander apartments and Clarendon apartments</p> <p>b. List of new “high profile/sensitive” persons to be provided to art 4 s.6 monthly. - Cannes Avenue area due to proximity of Neddy Harper Park compound.</p> <p>c. Confirm that notice to allow U turn at Via Roma has been given to se Sch.4</p>	<p>efuse Sch.4 Pa</p>	<p>Monthly</p> <p>ASAP</p>
<p>15. Cultural Heritage (MRTS51.1 CI 4)</p> <p>a. nil.</p>		
<p>16. Relationship Management. (SCC CI 43.6)</p> <p>a. KPI Schedule e Sch.4 to provide an update of forecast results in the October 2011 monthly report.</p> <p>b. Relationship Health questionnaire: Details of the October 2011 results to be provided in the monthly report.</p>	<p>efuse Sch.4 Pa</p>	<p>Monthly</p> <p>Monthly</p>
<p>17. Project Leadership Group (SCC CI 43.7)</p> <p>a. Next PLG Meeting: 10/11/11 at 1pm.</p> <p>b. Current Monthly Report and documentation to be circulated to PLG by se Sch.4</p> <p>c. Program to be discussed in detail at next PLG e Sch.4 to have data for presentation.</p> <p>d. Proposed state of site over shut down to be reported to next PLG, Sch.4 to have data for presentation.</p>	<p>Note</p> <p>use Sch.4 P</p>	<p>Monthly</p> <p>8/11</p> <p>8/11</p>
<p>18. Local Industry Participation Plan (SCC CI 43.10)</p> <p>a. LIP Schedule – to be completed by BPL and included in Monthly Reports use Sch.4 fto forward details to Sch.4 in first week of each month.</p>	<p>se Sch.4</p>	<p>Monthly</p>
<p>19. Employee Relations Mgt Plan (SCC CI 43.14)</p> <p>a. Nil.</p>		
<p>20. Risk Management</p> <p>a. PUP’s are all subject to delayed design provision, potential for delay being incurred.</p> <p>b. Aurecon are still resolving 12D model review of clashes.</p> <p>c. PUP – potholing to verify exact location of services – still ongoing.</p> <p>d. Aurecon design – still incomplete (particularly PUP, Property works, etc).</p> <p>e. Complications with crossings of AC water/sewer mains.</p> <p>f. Weather.</p> <p>g. Traffic.</p> <p>h. Other PUP providers (i.e. Optus, APA/APT, AAPT, Pipe Networks).</p> <p>i. Impacts during Holiday periods (Dec/Jan, etc).</p> <p>j. Schoolies weeks impacts, extra on site security has been booked.</p> <p>k. Allconnex – Cut overs, subbies, design approvals etc.</p> <p>l. Program.</p>		
<p>21. Other</p> <p>a. Monthly report Stats to TS ASAP.</p> <p>b. Resourcing movements on site:</p> <ul style="list-style-type: none"> • Commenced 20/10 <ul style="list-style-type: none"> ○ Refuse Sch.4 Part 4 (Commercial) • Commenced 31/10 <ul style="list-style-type: none"> ○ t Refuse Sch.4 Part 4 (Foreman) ○ fuse Sch.4 P (Foreman) 	<p>use Sch.4 P</p>	<p>ASAP</p>

<ul style="list-style-type: none"> o [redacted] safety Co-ordinator) o [redacted] (GCRT – Comms) • To commence 7/11 <ul style="list-style-type: none"> o [redacted] o [redacted] c. [redacted] Refuse Sch.4 Part 4 is proving a big benefit to team on site. d. Communications place manager, whoever it may be, role still in place for the project. [redacted] Refuse Sch.4 supplements the role. e. [redacted] Refuse Sch.4 Part 4 back filling [redacted] Sch.4 during 17/11/11 to 5/12/11. f. [redacted] Refuse Sch.4 Part 4 to be invited to next meeting. 		
<p>22. Next meeting: 1 December 2011; Time 9:00am, at Site office conference room - Invitations to be updated.</p>	<p>[redacted] Refuse Sch.4</p>	

Released under RTI - DTMR

Site Meeting No. 16 - Minutes

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Job Number: 230/LR10/1C
Date: Thursday 1 December 2011 (9:15 to 10:45 am)
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy
Chairman: [Redacted] Part Refuse Sch.4 Part 4 s.6

Attendance:

GCRT [Redacted] Refuse Sch.4 Part 4 – Acting Early Works Manager [Redacted] se Sch.4	SMEC [Redacted] Refuse Sch.4 Part 4 – Superintendent [Redacted] se Sch.4 [Redacted] – Superintendent's Rep. [Redacted] use Sch.4 F
GCCC [Redacted] Refuse Sch.4 Part 4 – Communications Coordinator [Redacted] se Sch.4 [Redacted] Refuse Sch.4 Part 4 – Communications Officer [Redacted] se Sch.4	BPL [Redacted] Refuse Sch.4 Part 4 – Project Manager [Redacted] use Sch.4 P [Redacted] (TH) Community & Stakeholder Engagement Coordinator [Redacted] se Sch.4
Aurecon [Redacted] Refuse Sch.4 Part 4 – Design Coordination Manager [Redacted] se Sch.4	[Redacted] Refuse Sch.4 Part 4 – GCCC Project Officer [Redacted] use Sch.4 P [Redacted] Refuse Sch.4 Part 4 – PUP & Design Review Leader [Redacted] use Sch.4 P [Redacted] Refuse Sch.4 Part 4 – GCCC Senior Project Officer [Redacted] se Sch.4

Apologies:

[Redacted] Refuse Sch.4 Part 4 s.6 Pers – GCRT – Early Works Manager [Redacted] se Sch.4	[Redacted] Refuse Sch.4 Part 4 – GCCC Project Officer [Redacted] use Sch.4 P
[Redacted] Refuse Sch.4 Part 4 s.6 Pers – Construction Manager [Redacted] se Sch.4	[Redacted] Refuse Sch.4 Part 4 – PUP & Design Review Leader [Redacted] use Sch.4 P
	[Redacted] Refuse Sch.4 Part 4 – GCCC Senior Project Officer [Redacted] se Sch.4

Action By	Date
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a. Previous Minutes – Previous Meeting Minutes (Meeting No.15 held on 7 October 2011) accepted as correct.

Actions From Previous Meeting: (meeting No shown #)		
a. (#13) Cultural Heritage: Requirements in regard to traditional owners were fulfilled, correspondence required to close out.	[Redacted] se Sch.4	(TBA)
b. (#14) <u>Key/Critical design issues</u> : SWD works at Britannia Ave and part of Line 9 (North end) [Redacted] Sch.4 to provide benefits in cutting scope back TS to review with [Redacted] se Sch.4	[Redacted] se Sch.4	5/12
c. (#14) <u>Quality</u> : [Redacted] Sch.4 to contact PUP providers to establish as constructed document requirements, who does and/or what do they need.	[Redacted] se Sch.4	Ongoing
d. (#14) <u>Other</u> : Out of hours response times not established for pothole repairs, however, defects are repaired as soon as notified. Procedure to be finalised.	[Redacted] se Sch.4	9/12

1. Contract Dates:		
a. Date of Acceptance (DoA) – 20 October 2010. - Original date for PC 25 October 2011 - Revised date for PC 31 March 2012		
b. Extension of Time: - 94 calendar days granted due to impact of Telstra works. - 64 calendar days granted to reflect the completion date agreed during the reprice exercise. - EOT expected to extend PC date to June 2012 as reflected in current program.		
c. Contract notification to accelerate Southern Zone Works requires extension to agreed March date.		
d. DB to finalise program for project (Northern Zone) PC date.	[Redacted] se Sch.4	ASAP

2. Workplace Health & Safety (SCC CI 11)		
a. <u>Safety Mgt Plan</u> : nil issues		
b. <u>Community and Stakeholder Mgt Plan</u> : nil issues		
c. <u>Site Safety walks</u> : ongoing every Friday morning.		
d. <u>Toolbox talks</u> : ongoing.		
e. <u>Removal of asbestos</u> : Holiday North removal complete.		
f. <u>Accidents/incidents to report</u> : 0 LTI's, 0 MTI's, 2 FAI. 200,000 man hours LTI free.		
g. 5 incidents. - Rear gate of truck swung out and hit the back tray of a parked truck, no damage. - Excavating for 250mm Watermain Telstra conduits were damaged. Repaired on the same day. - Boxing out for Chelsea Avenue 50mm water service feeding to a local business		

<p>was damaged. The damage was repaired immediately. Ute damaged by the back bucket of a backhoe as it turned on site. Minor damage caused to the ute bonnet.</p> <ul style="list-style-type: none"> - BDB (Telstra Subcontractor) struck a property water feed whilst excavating in preparation for laying conduits. 		
<p>3. Site.(GCC CI 27)</p> <ol style="list-style-type: none"> Goldlink Handover – Site access date to be confirmed General site tidy ongoing Topsoil to be complete today, turf installed tomorrow and next week, seeding next week. 	NA	ASAP
<p>4. Design/PUP – refer to minutes from Design/PUP Issues meetings.</p> <ol style="list-style-type: none"> <u>Key/Critical issues</u> <ul style="list-style-type: none"> • Complete Clash review – refer to PUP works, still ongoing. • Property design issues, Crowne Plaza, vacant property retaining wall. • Goldlink interface issues, final treatments, kerbs etc. • Speed of response to RFI queries, advice given to Aurecon, possible communication issue. • Construction of crossings to multi unit developments, property accessibility plan to be developed following meeting held to review all properties. • Goldlink change in levels at Monaco St will be provided for construction as design is completed. • GCCC have raised issues with the MEC access ramp, to be resolved by GCCC/GCRT. • Aurecon to attend design meetings <input type="checkbox"/> to direct <input type="checkbox"/> e Sch.4 • Cover to watermains needs to have final resolution • Drainage lines 8 and 8b need design to be finalised and issued • Design focus needs to switch to watermain in Northern Zone • Design for tactiles required • Design for Surfers Paradise Boulevard drainage required 	<input type="checkbox"/> use Sch.4 P	<p>Ongoing</p> <p>ASAP</p> <p>2/12</p>
<p>5. Construction Program (GCC CI 33.2 & SCC CI 8)</p> <ol style="list-style-type: none"> Current status Rev 6 to Show impacts of shut down for holiday period and external influences. Will be provided next week, currently shows night shifts during embargo period, preferred for the program to show no night shifts during embargo Northern zone date to be reviewed Telstra NW completion not to drive program. Weekly status update of the program to be provided to GCRT. 	<input type="checkbox"/> use Sch.4 Pa	<p>8/12</p> <p>Weekly</p>
<p>6. Construction Issues</p> <ol style="list-style-type: none"> <u>Key activities:</u> <ul style="list-style-type: none"> - Sheet piling problem with S11 and Australia Ave - Chelsea on target for Christmas opening - Mardi Gras area has been tidied - Telstra and Energex in North (Thornton St being completed). 		
<p>7. Variations (GCC CI 40)</p> <ol style="list-style-type: none"> BPL register showed 304 issues last month 376 this month. Schedule B cost plus discussed this week, proposal to be prepared to outline benefits by the end of the week. 	<input type="checkbox"/> se Sch.4 f	2/12
<p>8. Commercial</p> <ol style="list-style-type: none"> Progress Claim No.12 payment certificate issued to GCRT. Draft progress Claim No.13 to be submitted to SMEC for review. 		
<p>9. Quality System (SCC CI 9)</p> <ol style="list-style-type: none"> NCR's raised to 30/11/11 - 96, raised November - 7 		

<p>10. Environmental Management (SCC CI 10 & MRTS51.1)</p> <p>a. Vibration monitoring at Darcy Arms during demolition of Holiday North</p> <p>b. Review of permits for outlet has been completed, no issues</p> <p>c. Noise monitoring program needs to be developed.</p>	<p>use Sch.4 F</p>	<p>ASAP</p>
<p>11. Traffic Management (SCC CI 12)</p> <p>a. <u>Traffic Change Notification</u> - Person responsible for notifying TMC of traffic changes – currently Refuse Sch.4 Part</p> <p>b. <u>Next TMLG meeting</u>: 7/12/11.</p> <p>c. Bus turn at Surfers Paradise Boulevard removed this week</p> <p>d. Traffic switch at Sushi Train planned for 18/12/11.</p>	<p>Note</p> <p>Note</p>	
<p>12. Community Liaison (SCC CI 13) & Other Stakeholder Interfaces</p> <p>a. <u>Complaints summary since last meeting</u>:</p> <p>i. A total of 244 stakeholder “events” were recorded on the project this month. An increase of 55 from the previous month and almost double the number dealt with six months ago. Each event may include more than one issue.</p> <p>ii. 41 complaints were recorded. Night work complaints have reduced. The most notable complaints related to water outages, traffic management and extension of the project timeline.</p> <p>b. List of new “high profile/sensitive” persons to be provided to DA/DB monthly.</p> <p>- New tenant at ex-Saffron opening in new year</p> <p>c. Site team met with Crowne last week.</p> <p>d. Problems at New Mexico almost resulted in QPS being called last week.</p>	<p>use Sch.4 Pa</p>	<p>Monthly</p>
<p>13. Cultural Heritage (MRTS51.1 CI 4)</p> <p>a. Nil.</p>		
<p>14. Relationship Management. (SCC CI 43.6)</p> <p>a. <u>KPI Schedule</u>: Sch. to provide an update of forecast results in the November 2011 monthly report.</p> <p>b. <u>Relationship Health questionnaire</u>: Details of the November 2011 results to be provided in the monthly report.</p>	<p>use Sch.4 F</p>	<p>Monthly</p> <p>Monthly</p>
<p>15. Project Leadership Group (SCC CI 43.7)</p> <p>e. <u>Next PLG Meeting</u>: 16/12/11 time TBC.</p> <p>f. Current Monthly Report and documentation to be circulated to PLG by Sch.4</p> <p>g. Program for 2012 meetings to be finalised</p>	<p>Note</p> <p>use Sch.4</p>	<p>Monthly</p> <p>Ongoing</p>
<p>16. Local Industry Participation Plan (SCC CI 43.10)</p> <p>a. LIP Schedule – to be completed by BPL and included in Monthly Reports. art 4 s.6 to forward details to Sch in first week of each month.</p>	<p>use Sch.4</p>	<p>Monthly</p>
<p>17. Employee Relations Mgt Plan (SCC CI 43.14)</p> <p>a. Nil.</p>		
<p>18. Risk Management</p> <p>a. PUP’s are all subject to delayed design provision, potential for delay being incurred.</p> <p>b. Aurecon are still resolving 12D model review of clashes.</p> <p>c. PUP – potholing to verify exact location of services – still ongoing.</p> <p>d. Aurecon design – still incomplete (particularly PUP, Property works, etc).</p> <p>e. Complications with crossings of AC water/sewer mains.</p> <p>f. Weather.</p> <p>g. Traffic.</p> <p>h. Other PUP providers (i.e. Optus, APA/APT, AAPT, Pipe Networks).</p> <p>i. Impacts during Holiday periods (Dec/Jan, etc).</p> <p>j. Allconnex – Subcontractors.</p> <p>k. Program – Nightworks.</p>		

<p>19. Other</p> <p>a. Baulderstone Staff Movements this month.</p> <ul style="list-style-type: none"> - [redacted] (Senior Project Manager) – On board for a minimum of 3 days a week to assist in commercial and programming issues - [redacted] (Project Engineer) – Drainage - [redacted] (Foreman) – Drainage. [redacted] replaces [redacted] - [redacted] (Cadet Engineer) – to assist engineers in quality submission and management. 		
<p>20. Next meeting:</p> <p>5 January 2012; Time 9:00am, at Site office conference room</p> <ul style="list-style-type: none"> - Invitations to be updated. 	<p>[redacted] se Sch.4</p>	

Released under RTI - DTMR

Site Meeting No. 17 - Minutes

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Job Number: 230/LR10/1C
Date: Monday 6 Feb 2012 (4:00 to 5:30 pm)
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy
Chairman: [Redacted]

Attendance:

<p>GCRT [Redacted] Acting Early Works Manager [Redacted] [Redacted] GCRT – Early Works Manager [Redacted]</p> <p>GCCC [Redacted] GCCC Project Officer [Redacted]</p> <p>Aurecon</p>	<p>SMEC [Redacted] Superintendent's Rep. [Redacted]</p> <p>BPL [Redacted] Project Manager [Redacted] [Redacted] Construction Manager [Redacted] [Redacted] – Baulderstone [Redacted] Baulderstone [Redacted]</p>
<p>Apologies: [Redacted] GCCC Senior Project Officer [Redacted] [Redacted] Design Coordination Manager [Redacted] [Redacted] – Superintendent [Redacted]</p>	

	Action By	Date
a. Previous Minutes – Previous Meeting Minutes (Meeting No.16 held on 1 December 2011) accepted as correct.		
<p>Actions From Previous Meeting: (meeting No shown #)</p> <p>a. (#13) Cultural Heritage: Requirements in regard to traditional owners were fulfilled, correspondence required to close out.</p> <p>b. (#14) Key/Critical design issues: SWD works at Britannia Ave and part of Line 9 (North end) [Redacted] to provide benefits in cutting scope back [Redacted] to review with [Redacted]</p> <p>c. (#14) Quality: [Redacted] to contact PUP providers to establish as constructed document requirements, who does and/or what do they need.</p> <p>d. (#14) Other: Out of hours response times not established for pothole repairs, however, defects are repaired as soon as notified. Procedure to be finalised. TGS 5 emergency response to be submitted (Note stockpiles on site.)</p> <p>e. (#16) Contract Dates: [Redacted] to finalise program for project (Northern Zone) PC date.</p> <p>f. (#16) Site: Goldlink Handover – Site access date to be confirmed as 4 Sept.</p> <p>g. (#16) Design/PUP: Construction of driveways to multi unit developments, property accessibility plan to be developed following meeting held to review all properties. Meeting held.</p> <p>h. (#16) Design/PUP: Goldlink change in levels at Monaco St will be provided for construction as design is completed.</p> <p>i. (#16) Design/PUP: Aurecon to attend design meetings [Redacted] to direct [Redacted]</p> <p>j. (#16) Construction Program: Current status Rev 6 to Show impacts of shut down for holiday period and external influences. Will be provided next week, currently shows night shifts during embargo period, preferred for the program to show no night shifts during embargo.</p> <p>k. (#16) Variations: Schedule B cost plus discussed this week, proposal to be prepared to outline benefits by the end of the week.</p> <p>l. (#16) Environmental Management: Noise monitoring program needs to be developed.</p> <p>m. (#16) Project Leadership Group: Program for 2012 meetings to be finalised.</p>	[Redacted]	<p>(TBA)</p> <p>Closed</p> <p>Ongoing</p> <p>9/12</p> <p>ASAP</p> <p>ASAP</p> <p>Ongoing</p> <p>Closed</p> <p>Closed</p> <p>2/12</p> <p>ASAP</p> <p>Closed</p>
<p>1. Contract Dates:</p> <p>a. Date of Acceptance (DoA) – 20 October 2010.</p> <ul style="list-style-type: none"> - Original date for PC 25 October 2011 - Revised date for PC 13 June 2012 <p>b. Extension of Time:</p>		

<ol style="list-style-type: none"> 1. 94 calendar days granted due to impact of Telstra works. 2. 64 calendar days granted to reflect the completion date agreed during the reprice exercise. 3. 74 calendar days granted to reflect the programmed completion of Telstra works in the Northern Zone. <p>c. Contract notification given to create separable portion (SP2) for the Southern Zone Works with a practical completion date of 15 March 2012.</p> <p>d. Program 8 & EOT 4 to be submitted</p>	<div style="border: 1px solid red; padding: 2px;">use Sch.4 P</div>	10/2
<p>2. Workplace Health & Safety (SCC CI 11)</p> <ol style="list-style-type: none"> a. <u>Safety Mgt Plan</u>: b. <u>Community and Stakeholder Mgt Plan</u>: c. <u>Site Safety walks</u>: ongoing every Friday morning. d. <u>Toolbox talks</u>: ongoing. e. <u>Removal of asbestos</u>: f. <u>Accidents/incidents to report</u>: LTI's, MTI's, FAI. man hours LTI free. g. Incidents. <ul style="list-style-type: none"> - . - . - . - . - . 		
<p>3. Site.(GCC CI 27)</p> <ol style="list-style-type: none"> a. Goldlink Handover – b. . c. . d. . e. . f. . g. . 		
<p>4. Design/PUP – refer to minutes from Design/PUP Issues meetings.</p> <ol style="list-style-type: none"> a. <u>Key/Critical issues</u> <ul style="list-style-type: none"> • Complete Clash review – refer to PUP works, still ongoing. • Property design issues, Crowne Plaza, vacant property retaining wall. • Goldlink interface issues, final treatments, kerbs etc. • Speed of response to RFI queries, advice given to Aurecon, possible communication issue. • Construction of crossings to multi unit developments, property accessibility plan to be developed following meeting held to review all properties (action t 4 s.c.). • Goldlink change in levels at Monaco St will be provided for construction as design is completed (action t 4 s.). • GCCC have raised issues with the MEC access ramp, to be resolved by GCCC/GCRT. • Cover to watermains needs to have final resolution • Drainage lines 8 and 8b need design to be finalised and issued • Design focus needs to switch to watermain in Northern Zone • Design for tactiles required • Design for Surfers Paradise Boulevard drainage required. • . • . • . 		
<p>5. Construction Program (GCC CI 33.2 & SCC CI 8)</p> <ol style="list-style-type: none"> a. Current Rev 7, Revision of the program completed before shutdown for SP2, the balance is being reviewed in January. b. . 		

c. .		
<p>6. Construction Issues</p> <p>a. <u>Key activities:</u></p> <ul style="list-style-type: none"> - . - . - . - . - . - . - . - . 		
<p>7. Variations (GCC CI 40)</p> <p>a. BPL register showed 376 issues last month xxx this month.</p> <p>b. .</p> <p>c. .</p>		
<p>8. Commercial</p> <p>a. Progress Claim No.14 payment certificate issued to GCRT.</p> <p>b. Draft progress Claim No.15 to be submitted to SMEC for review.</p>		
<p>9. Quality System (SCC CI 9)</p> <p>a. NCR's raised to 31/12/11 - , raised December – .</p> <p>b. .</p>		
<p>10. Environmental Management (SCC CI 10 & MRTS51.1)</p> <p>a. .Extension of Fisheries Permit Reqd. Sent through to DERM. Sch. to confirm</p> <p>b. .</p> <p>c. .</p>	<p>use Sch.4 F</p>	
<p>11. Traffic Management (SCC CI 12)</p> <p>a. Traffic Change Notification - Person responsible for notifying TMC of traffic changes – currently Sch.4 Part 4 s.6 Person</p> <p>b. <u>Next TMLG meeting:</u> TBA.</p> <p>c. .Meetings With Golding</p> <p>d. .</p>	<p>Note</p> <p>Note</p> <p>Note</p>	
<p>12. Community Liaison (SCC CI 13) & Other Stakeholder Interfaces</p> <p>a. <u>Complaints received since last meeting:</u></p> <p>b. List of new “high profile/sensitive” persons to be provided to se Sch.4 monthly.</p> <p>- .</p> <p>Refer Comms Weekly Meetings</p>	<p>use Sch.4 f</p>	<p>Monthly</p>
<p>13. Cultural Heritage (MRTS51.1 CI 4)</p> <p>a. .</p>		
<p>14. Relationship Management. (SCC CI 43.6)</p> <p>a. <u>KPI Schedule</u> Sch. to provide an update of forecast results in the December 2011 monthly report.</p> <p><u>Note</u> Comms meetings held for KPIs</p>	<p>use Sch.4 F</p>	<p>Monthly Note</p>

<p>b. Relationship Health questionnaire: Details of the January 2012 results to be provided in the monthly report. <u>Note:</u> Low response rates from GCRT & SMEC</p>	<p>se Sch.4</p>	<p>Monthly Note</p>
<p>15. Project Leadership Group (SCC CI 43.7) a. <u>Next PLG Meeting:</u> 15/3/12 . b. Current Monthly Report and documentation to be circulated to PLG by</p>	<p>Note use Sch.4 F</p>	<p>Monthly</p>
<p>16. Local Industry Participation Plan (SCC CI 43.10) a. LIP Schedule – to be completed by BPL and included in Monthly Reports forward details to in first week of each month.</p>	<p>se Sch.4</p>	<p>Monthly</p>
<p>17. Employee Relations Mgt Plan (SCC CI 43.14) a. Completed and submitted b. .</p>		<p>Note</p>
<p>18. Risk Management a. PUP's are all subject to delayed design provision, potential for delay being incurred. b. Aurecon are still resolving 12D model review of clashes. c. PUP – potholing to verify exact location of services – still ongoing. d. Aurecon design – still incomplete (particularly PUP, Property works, etc). e. Complications with crossings of AC water/sewer mains. f. Weather. g. Traffic. h. Other PUP providers (i.e. Optus, APA/APT, AAPT, Pipe Networks). i. Impacts during Holiday periods (Dec/Jan, etc). j. Allconnex – Subcontractors. k. Program – Nightworks.</p> <p>Note updated in monthly report</p>		
<p>19. Other a. Sch. noted line marking to change – no cycling, no thermo-plastic, no arrows. Will require RSA. Full line marking in side streets b. . c. . d. . e. . f. . g. .</p>		
<p>20. Next meeting: 5 March; Time 1:00am, at Site office conference room - Invitations to be updated.</p>	<p>se Sch.4</p>	

Site Management Team Meeting

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy

Attendance:

Part Refuse Sch.4 Part 4 s SMEC - Superintendent's Representative (use Sch.4)
 Refuse Sch.4 Part 4 SMEC - PUP & Design Review Leader (use Sch.4)
 BPL - Project Manager (use Sch.4)
 Refuse Sch.4 Part 4 BPL - Senior Project Engineer (use Sch.4)
 GCRT - Project Manager (use Sch.4)

Optional:

Part Refuse Sch.4 Part 4 SMEC - Superintendent (use Sch.4)

	Notes/Actions
1. Resourcing a. SMEC b. Boulderstone c. GCRT	a. Part Refuse Sch.4 Part 4 s.6 joining the team to cover night shifts. b. Refuse Sch.4 Part 4 Senior Foreman joining shortly to cover night shifts. Refuse Sch.4 Part 4 will be leaving in 3 weeks, currently recruiting a replacement. A replacement for Refuse Sch.4 Part 4 is being considered, suggested using a comins graduate as an assistant for (use Sch.4 P) c. No upcoming changes.
2. Workplace Health & Safety	Traffic controller inconsistency has been addressed by Refuse Sch.4 Part 4 Complaint in regard to the Australia Avenue chicane has been reviewed and addressed, no change until the next lateral shift. Focus to be improved in regard to pedestrian safety in the Southern zone with the multiple work areas now opened.
3. Relationships	Team relationships on site are good. Design outputs from Aurecon are not being delivered on time, in particular the southern zone where 'all intersections are on hold' until conflicts are resolved. With PUP's now generally OK, Energex departments still difficult to understand. Relationship workshop being held Friday 19/8/11.
4. Program	Surfers Paradise Boulevard will happen after the bus bay is completed, expected mid September. Southern zone completion mid December, lateral shift programmed to happen over next 2 weeks. Energex dates are to be locked in. Trying to get continuous works areas for all Telstra jointing crews.
5. Site Issues	Nil
6. General Issues	Nil

Site Management Team Meeting – 6/10/11

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy

Attendance:

Refuse Sch.4 Part 4 s.6 SMEC - PUP & Design Review Leader (use Sch.4)
 Part Refuse Sch.4 Part 4 s.6 SMEC - Superintendent's Representative (use Sch.4)
 BPL - Project Manager (use Sch.4)
 BPL – Project Manager (use Sch.4)
 BPL - Senior Project Engineer (use Sch.4)
 GCRT - Project Manager (use Sch.4)

Apologies:

Refuse Sch.4 Part 4 s.6 SMEC - Superintendent (use Sch.4)

	Notes/Actions
1. Resourcing a. SMEC b. Boulderstone c. GCRT	a. Nil changes. b. Refuse Sch.4 Part 4 has joined the Project Manager. c. Nil changes.
2. Comms	A workshop regarding Nightworks was held with actions for the project team in regard to programming and communication. New CAP(s) to be prepared for after the traffic switch – change in focus to pavement works, incl. profiling. Scope of works in 5th section – removal of existing services to be confirmed by BQPL next week (use Sch.4) to progress Liaison with DERM - Refuse Sch.4 Part 4 is doing every 2 weeks or so, contacts to be added to Conman.
3. Workplace Health & Safety	No incidents since last meeting. Final report for sewerage spill required.
4. Relationships	Team relationships on site are good. Design outputs from Aurecon - concern over standard of drawings issued recently. Aurecon resourcing is still a big issue, especially to achieve completion of design by end of October. Design resolution for SPB required urgently, drainage and water still not resolved. Potential issue emerging with AAPT & other comms providers. BQPL need SW section complete by 10 Oct. Current Telstra plan is for 27 Oct. (use Sch.4) unable to resolve to be elevated to (use Sch.4 P)
5. Program	North currently on target for completion mid April 2012. South slipped to 30 Jan due to delays with scope determination and design completion. There is a real program need to finalise investigation into whether the 375 and 250 can be off concurrently (WD1 and WD2). Agreed that NTS to be engaged, for Allconnex cut ins, by BPL as VO to be managed on site by Allconnex sanity check/review of contract by (use Sch.4 P) (use Sch.4 Part 4 s.6) Reduction in scope of Britannia drainage to be considered.
6. Site Issues	Budgeted costs for Energex works to be advised to (use Sch.4) simple sum of Energex related schedule items). 90%+ confident that 110KV from Fern St will be deleted. Property access whilst driveways are constructed needs to be careful considered for the multi unit developments, workshop to be held 18/10 (use Sch.4) to arrange, invite (use Sch.4 Part 4 s.6)
7. General Issues	Presentation prepared for learnings workshop to be held 14/10, all to be at

	GCRT by 9am.
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Released under RTI - DTMR

Site Management Team Meeting – 15/9/11

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy

Attendance:

Refuse Sch.4 Part 4 s – SMEC - Superintendent's Representative se Sch.4
 Refuse Sch.4 Pa SMEC - PUP & Design Review Leader se Sch.4
 BPL - Project Manager se Sch.4
 Refuse Sch.4 Part BPL - Senior Project Engineer se Sch.4 F
 GCRT - Project Manager se Sch.4

Optional:

Refuse Sch.4 Part 4 SMEC - Superintendent se Sch.4

	Notes/Actions
<p>1. Resourcing</p> <ul style="list-style-type: none"> a. SMEC b. Boulderstone c. GCRT 	<ul style="list-style-type: none"> a. Refuse Sch.4 Part now fully integrated into team, Refuse Sch.4 Part will be available on site whilst, Sch on leave. b. Refuse Sch.4 Part started on site as Engineer replacement for Refuse Sch.4 P. Part Refuse Sch.4 Part 4 s. has been appointed as an assistant for Refuse Sch.4 P. c. No upcoming changes, discussed phasing Refuse Sch.4 Part 4 involvement back from the detail of the project.
<p>2. Workplace Health & Safety</p>	<p>Attention needs to be paid to the width that is being created for pedestrian zones around work areas to prevent vehicle access. Consideration is to be given to 'light clutter' at night around signalised intersections.</p> <p style="border: 1px solid black; padding: 2px;">Part Refuse Sch.4 Part 4 s.6</p> <p>The project has achieved 100,000 hours LTI free.</p>
<p>3. Relationships</p>	<p>Team relationships on site are good. Design outputs from Aurecon are starting to slip slightly confidence is lowering, positioning of Refuse Sch.4 Pa +/- 12D operator on site was discussed.</p>
<p>4. Program</p>	<p>Surfers Paradise Boulevard consideration to reduction of traffic movements around the intersection required to enable all through pavement to be built, meeting to be organised to discuss. BPL are confident that the 31/3/12 date can be achieved for PC, Telstra programmed for 600L/1800D joints needs to be increased to 900L/2700D joints, considered achievable since current progress shows more can be completed per day. (More jointing crews needed on site) Energex are still committed to achieving the end date but will not be on site until 27/9/11.</p>
<p>5. Site Issues</p>	<p>Allconnex need to have on empowered resource on site to be able to sign off on minor changes to the design, Sch. will follow up with Allconnex. Allconnex need to be more proactive in regard to checking network impacts and operation (valves) ahead of works. Nightworks need to have more control over noise impacts, all vehicles to be fitted with 'squelchers' as opposed to 'beepers', Refuse Sch.4 Par to monitor closely on site.</p>
<p>6. General Issues</p>	<p>Use of standpipes for potable water is in accordance with permit conditions, however this creates an issue in regard to DTMR water specification requirements, to be followed up. Increasing watermain scope is a potential program challenge. Request to be made for the weekly report to be deleted as a requirement, all issues are covered in the monthly report.</p>

Site Management Team Meeting – 18/8/11

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy

Attendance:

art Refuse Sch.4 Part 4 s. SMEC - Superintendent's Representative use Sch.4 P
 efuse Sch.4 Part SMEC - PUP & Design Review Leader se Sch.4
 BPL - Project Manager se Sch.4
 t Refuse Sch.4 Part 4 BPL - Senior Project Engineer use Sch.4 P
 GCRT - Project Manager use Sch.4 P

Optional:

rt Refuse Sch.4 Part 4 SMEC - Superintendent use Sch.4 P

	Notes/Actions
1. Resourcing a. SMEC b. Boulderstone c. GCRT	a. Part Refuse Sch.4 Part 4 s.6 joined the team to cover night shifts. b. Refuse Sch.4 Part 4 Senior Foreman joining Monday 22/8 to cover night shifts. Refuse Sch.4 Part is leaving at the end of the month, currently recruiting a replacement. A replacement for Refuse Sch.4 Part is being considered, suggested using a comms graduate as an assistant for e Sch.4 Within the week. c. No upcoming changes.
2. Workplace Health & Safety	Role added within TGA engagement to cover the supervision/engagement of traffic control. Focus to be improved in regard to pedestrian safety in the Southern zone with the multiple work areas now opened. Fenced areas to be rationalised if possible.
3. Relationships	Team relationships on site are good. Design outputs from Aurecon are not being delivered on time, in particular the southern zone where 'all intersections are on hold' until conflicts are resolved. With PUP's now generally OK, Energex departments still difficult to understand. Relationship workshop being held Friday 19/8/11.
4. Program	Surfers Paradise Boulevard will happen after the bus bay is completed, expected mid September. Southern zone completion mid December, lateral shift programmed to happen over next 2 weeks. Energex dates are to be locked in. Trying to get continuous works areas for all Telstra jointing crews. GCRT legal team have agreed with the BPL interpretation of the environmental conditions in regard to bat habitat.
5. Site Issues	Remembrance Drive bus stop issue resolved, 24 hours notice to Energex required prior to work.
6. General Issues	Increasing watermain scope is becoming a potential program challenge.

Site Management Team Meeting – 22/9/11

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy

Attendance:

[Redacted]	SMEC - Superintendent [Redacted]
[Redacted]	BPL - Project Manager [Redacted]
[Redacted]	BPL - Senior Project Engineer [Redacted]
[Redacted]	GCRT - Project Manager [Redacted]

Apologies:

[Redacted]	SMEC - PUP & Design Review Leader [Redacted]
[Redacted]	SMEC - Superintendent's Representative [Redacted]

Notes/Actions

<p>1. Resourcing</p> <ul style="list-style-type: none"> a. SMEC b. Baulderstone c. GCRT 	<ul style="list-style-type: none"> a. [Redacted] currently full time on site whilst [Redacted] on leave. [Redacted] [Redacted] (Surveillance Officer) has been briefed to pay attention to noise during nightworks b. No change. c. Site team believes that greater involvement of [Redacted] on site (e.g. attend weekly program meetings in addition to comms meetings) would greatly benefit GCRT Comms team understanding of issues on site and measures being implemented to minimise impacts on community.
<p>2. Comms</p>	<p>Impacts of nightworks starting to take their toll. Newsletters are being delivered to affected properties as well as 1 on 1 briefings where required, as per current CAP. CAP for current nightworks (to Nov) to be reviewed to see if improvements can be made. New CAP(s) to be prepared for after the traffic switch – change in focus to pavement works, incl. profiling. Scope of works in Sth section – removal of existing services to be confirmed by BQPL next week. Liaison with DERM – [Redacted] is doing every 2 weeks or so. Contacts to be added to Conman. [Redacted] noted that DERM shut down some recent GCCC nightworks at Surfers due to noise. Need to ensure this doesn't happen here. Use of squawkers in lieu of reversing beepers – GCRT want to mandate this [Redacted] to confirm implications later today. Sucker trucks – some are quieter than others. All efforts will be made to use the quieter trucks. Sawcutting – to be completed by 9pm (10pm?). Noise monitoring – BQPL to investigate procurement of a meter which can be left overnight at various locations.</p>
<p>3. Workplace Health & Safety</p>	<p>No incidents since last meeting. WH&S catch up meeting held on site 21/9. No issues.</p>
<p>4. Relationships</p>	<p>Team relationships on site are good. Design outputs from Aurecon - concern over standard of drawings issued recently. [Redacted] to advise details to [Redacted] for meeting with Aurecon on Friday. Process for liaising with Allconnex needs to change. Is too slow & is costing time & money. [Redacted] assistance required. Potential issue emerging with AAPT & other comms providers. BQPL need SW section complete by 10 Oct. Current Telstra plan is for 27 Oct. [Redacted] to try to resolve first – but it appears that this will need to be elevated. GoldlinQ access to site – BQPL need a contact to liaise with to confirm what, where & when. [Redacted] to advise.</p>

<p>5. Program</p>	<p>North currently on target for completion on 31 Mar 2012. South has slipped to 23 Jan due to new clashes between recycled water & stormwater/sewer. BQPL are reviewing options to compensate for delays. An additional crew is being mobilised for nightworks to help. Rev 6 Program – [redacted] advised this is complete & will be forwarded later today.</p>
<p>6. Site Issues</p>	<p>BQPL advised [redacted] unit rates for additional Energex conduits; [redacted] for work in verge [redacted] for crossing side streets, [redacted] for crossing Highway. SC to add quantities & convert to total \$\$</p>
<p>7. General Issues</p>	<ul style="list-style-type: none"> • Reprice Schedule of rates [redacted] to provide to SMEC by tomorrow 23/9 • VO register – consolidated version to be provided to SMEC by 23/9, then approx 3-4 weeks to get valuations up to date • Bus shelter to be collected by [redacted] from BQPL compound – liaison to be via [redacted]

Released under RTI - DTMR

Site Management Team Meeting – 25/8/11

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy

Attendance:

Part Refuse Sch.4 Part 4 s. SMEC - Superintendent's Representative use Sch.4 F
 Refuse Sch.4 Part 4 SMEC - PUP & Design Review Leader use Sch.4 P
 BPL - Project Manager use Sch.4 F
 Refuse Sch.4 Part 4 BPL - Senior Project Engineer use Sch.4
 GCRT - Project Manager use Sch.4

Optional:

Refuse Sch.4 Part 4 SMEC - Superintendent use Sch.4 F

	Notes/Actions
1. Resourcing a. SMEC b. Boulderstone c. GCRT	a. No upcoming changes. b. Refuse Sch.4 Part is leaving at the end of the month, currently recruiting a replacement. An administrator has been appointed as an assistant for use Sch.4 P c. No upcoming changes.
2. Workplace Health & Safety	Focus to be improved in regard to pedestrian safety in the Southern zone with the multiple work areas now opened. Fenced areas to be rationalised if possible. Recorded as improved but still ongoing.
3. Relationships	Team relationships on site are good. Design outputs from Aurecon are starting to be delivered on time confidence is improving.
4. Program	Surfers Paradise Boulevard will happen after the bus bay is completed, expected mid September. Remembrance Drive bus stop issue resolved, work starting 26/8. Lateral shift programmed to happen by 21/9. Energex dates are still to be locked in.
5. Site Issues	Issues with Environmental controls need attention: <ul style="list-style-type: none"> Silt curtain at the outlet is not correctly installed. Insufficient silt controls at gully inlets and generally around site.
6. General Issues	Use of standpipes for potable water to be in accordance with permit conditions, t 4 s. to confirm this is the case. Increasing watermain scope is a potential program challenge. The standard of communications is now excellent. There are potential changes to the treatment of medians to come from Goldlink.

Site Management Team Meeting – 17/11/11

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy

Attendance:

Refuse Sch.4 Part 4 SMEC - PUP & Design Review Leader
 Refuse Sch.4 Part 4 SMEC - Superintendent's Representative
 Refuse Sch.4 Part 4 BPL – Project Manager
 Refuse Sch.4 Part 4 BPL - Senior Project Engineer

Apologies:

Refuse Sch.4 Part 4 GCRT - Project Manager
 Refuse Sch.4 Part 4 SMEC - Superintendent

	Notes/Actions
1. Resourcing a. SMEC b. Boulderstone c. GCRT	a. Replacing Paron leave. b. Correcting error. c. Adams replacing.
2. Comms	Fern St crossing works completed early, good outcome. Alexander apartments provided very positive feedback to the manner in which the works were conducted across their driveway.
3. Workplace Health & Safety	No Health and Safety incidents since last meeting. Four Pup strikes last week all low impact, low risk but have identified a possibly shortcoming in excavation permit process. The location of domestic services is an issue. Vehicle crash 16/11 not attributable to traffic management or the works.
4. Relationships	Team relationships on site are good. Concrete pours - timing of notification needs to be improved, generally in relation to Civelec works. OK with Aurecon however need to carefully track delivery dates especially to highlight possible resource issues. Allconnex issues are still there and are being escalated.
5. Program	Southern zone completion 5/3/12, BPL now in a position to 'own' this program, drivers are S11 and WD1. S11 seven program days lost due to constructability issues may get caught up with WD1 productivity. Program milestone dates to be set for Southern zone improvements. Northern zone 25/6/12, still Telstra jointing driven. Accommodation works program to be reviewed. Scope of redundant service removal to be defined. Program to be stasured weekly.
6. Site Issues	Scope of footpath works at cascade gardens to be established. Energex pit at Remembrance Drive Bus Stop type 4 as agreed with Energex. Energex crossing at Chaopraya still being resolved. Allconnex are being pushed with respect to completion of main adjustments in side streets. Drainage lines to be cctv'd as soon as possible for lot closure.
7. General Issues	None.

Site Management Team Meeting – 17/02/2012

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy

Attendance:

Refuse Sch.4 Part GCRT use Sch.4 F
 Refuse Sch.4 Part 4 GCRT - Project Manager use Sch.4
 Refuse Sch.4 Part GCRT use Sch.4 F
 Refuse Sch.4 Part - SMEC - Superintendent use Sch.4
 Refuse Sch.4 Part 4 SMEC - Superintendent's Representative use Sch.4
 Refuse Sch.4 Part - BPL - Project Manager use Sch.4
 Refuse Sch.4 Part BPL use Sch.4
 Refuse Sch.4 Part 4 BPL use Sch.4 F

Apologies:

Mitchell Wilton – BPL - Senior Project Engineer use Sch.4 P

	Notes/Actions
1. Resourcing a. SMEC b. Boulderstone c. GCRT	<ul style="list-style-type: none"> 6-7 water main crews in next few weeks 3xCLM, 2xJag, 1XNTS Contingencies for snags Investigating more s/w crews
2. Comms	<ul style="list-style-type: none"> KPI meeting with use Sch.4 GCRT) booked use Sch.4 Other Comms resource being sourced use Sch.4 F Easter Holidays effect on program 31/3 to 18/4. use Sch.4 to provide key night work items that need to occur use Sch.4
3. Workplace Health & Safety	Not discussed
4. Relationships	Not discussed
5. Program	<ul style="list-style-type: none"> use Sch.4 provided progress update & forward look (refer prior program meeting) use Sch.4 continues clash analysis for Nth. Program ahead at the moment. Sth pavements ahead. W7/W9 launch pits to commence shortly Traffic options to open work zones earlier use Sch.4 to send preferred option to use Sch.4
6. Site Issues	<ul style="list-style-type: none"> Cost Plus likely for Schedules B (PUP), C (Property Works) & D (Drainage)
7. General Issues	<ul style="list-style-type: none"> use Sch.4 requested from BPL a break-down of the Energex works costs as per the Energex / GCRT meeting minutes sent by use Sch.4 (pits, conduits, support) - Refuse Sch.4 Part

Site Management Weekly Progress Meeting – 29/02/2012

Contract Number: PID10-111
Project Name: Roadworks South Early Enabling Works
Location: Project Site Office (Meeting Room) – Cnr of Fern St & Gold Coast Hwy

Attendance:

- 4 Part 4 s.6 Pers – GCRT Project Manager use Sch.4 P
- GCRT Project manager use Sch.4 P
- SMEC - Superintendent use Sch.4 P
- h.4 Part 4 s.6 Pers – SMEC - Superintendent's Representative use Sch.4 F
- BPL – Project Manager use Sch.4 F
- BPL - Senior Project Engineer use Sch.4 P

Apologies:

	Notes/Actions
<p>1. Resourcing</p> <ul style="list-style-type: none"> a. SMEC b. Boulderstone c. GCRT 	<p>4 Part 4 s.6 Pers new comms resource starts Monday. 4d/wk (M,W,T,F). To assist e Sch.4 Property works, driveways, records and share 1800 No.</p> <ul style="list-style-type: none"> - Refuse Sch.4 Part 4, new project engineer to assist e Sch.4 n stormwater & pavements. 3 month transition before e Sch.4 leaves end May. - t Refuse Sch.4 Part 4 new site eng to assist pavements - CLM to provide project manager to do WMSS - Another subcontractor being interviewed t Refuse Sch.4 Part 4 <p>Sch. SMEC Refuse Sch.4 Part 4 has resigned</p> <p>Sch. GCRT Refuse Sch.4 Part 4 will be leaving RWS at end of March Part Refuse Sch.4 Part 4 s.6 finish end Apr use Sch.4 to phase out with Sch. starting</p>
<p>2. Comms</p>	<ul style="list-style-type: none"> • KPI meeting held. Action for more reporting. This will be included in the Feb Monthly Report. • Easter Holidays effect on program 31/3 to 18/4. Sch. to provide key night work items that need to occur use Sch.4 • Noted- No negative vibes in GCRT Comms team at moment
<p>3. Workplace Health & Safety</p>	<ul style="list-style-type: none"> • TLS strike last week. Dig permit procedure not being followed. • TLS offered to assist when support for their services required for excavation underneath. BPL to add to checklist. • Requeste Sch.4 (TLS) to come on safety walk • e Sch.4 (TLS) noted that another strike would likely result in escalation within Telstra and this would affect program. • CAR removing traffic barriers. BPL conducting Traffic Management Course Friday to provide better training on traffic requirements in MUTCD. • Sewer – bunting removed. Being investigated. • WPHS on site. Improvement Notice issued for confined spaces
<p>4. Relationships</p>	<p>Note surveys for the month done</p>
<p>5. Program</p>	<ul style="list-style-type: none"> • Separate meeting to follow. • Program 8 & EoT 4 to be submitted this week.

<p>6. Site Issues</p>	<ul style="list-style-type: none"> • Cost Plus likely for Schedules B (PUP), C (Property Works) & D (Drainage). Meeting held. SMEC to issue notes. use Sch.4 P • SMEC inspectors still raising late notification as a issue • Sch. to provide SMEC org chart & responsibilities • Discussed traffic delays resulting from AC plant break down. Look at options for other contingencies
<p>7. General Issues</p>	<ul style="list-style-type: none"> • GCRT Org Chart requested by SMEC

Released under RTI - DTMR

Gold Coast Rapid Transit

Broadbeach roadworks update

The following construction works are expected in the Broadbeach roadworks area over the coming month (weather and construction conditions permitting).

Northern Zone: Gold Coast Highway between the intersections of Thornton Street and Armrick Avenue.

- From **14 June**, the northbound bus stop located on Remembrance Drive (opposite Thornton Street) will be temporarily relocated 50 metres south of its current location, while works are undertaken to increase the capacity of the current bus bay.
- During **June**, Anita Apartments (corner of Wharf Road and Gold Coast Highway) will be demolished. These works are required due to the property being located in the new road reserve.
- The intersections of **Fern Street, Monte Carlo Avenue** and **Genoa Street** have been temporarily re-opened to traffic in response to local community and business requests. These intersections will close again at a later date to complete work.
- The temporary intersection closure will continue along the Gold Coast Highway at **Second Avenue**.

Southern Zone: Gold Coast Highway between the intersections of Armrick Avenue and Australia Avenue.

- Roadworks continue along the eastern side of the Gold Coast Highway between intersections of Armrick Avenue and Australia Avenue, Broadbeach, to relocate services, reconstruct kerbs and footpaths and construct new road pavements.
- Temporary intersection closures are in place along the Gold Coast Highway at **Britannia Avenue, Chelsea Avenue, Rosewood Avenue** and **St Kilda Avenue**.

Did you know?

- The Broadbeach roadworks include the removal of the existing Energex timber power poles. The power supply will be placed underground.

For further information:

- Call 1800 967 377 and select **Option 1** for construction enquiries then **Option 3** for Broadbeach Surfers Paradise roadworks
- Register to receive email updates by emailing broadbeach@tmr.qld.gov.au



www.goldcoastrapidtransit.qld.gov.au

Gold Coast Rapid Transit

Fern Street temporary closure

Sunday 6 to Friday 18 November 2011

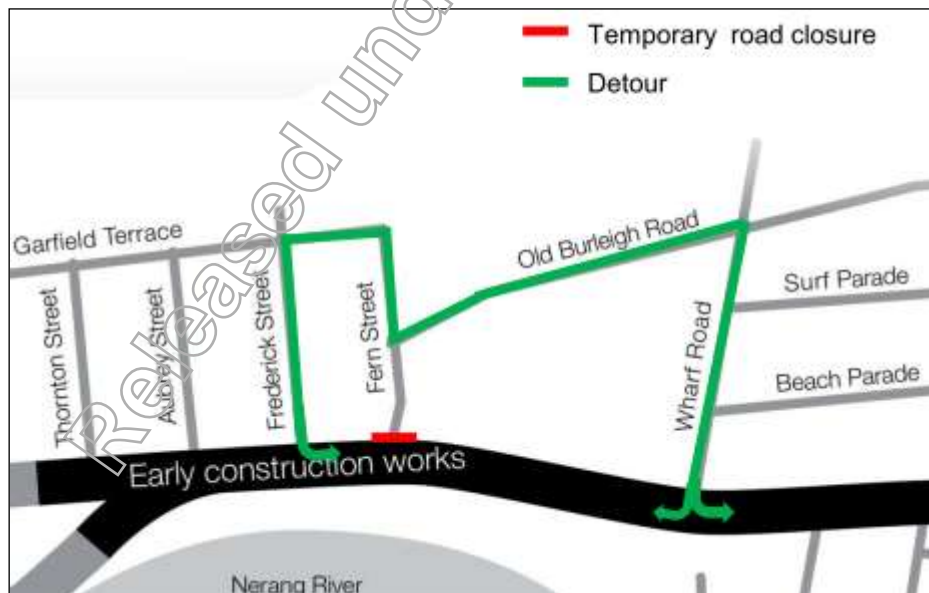
The intersection of Fern Street and the Gold Coast Highway will be closed from Sunday 6 to Friday 18 November 2011 to install essential services under the roadway.

Works will involve:

- The use of heavy machinery to excavate the road to install service conduits and pipes.

What to expect:

- The western end of Fern Street will be closed from Sunday 6 to Friday 18 November.
- Detour signs will be in place. Motorists will be directed north via Garfield Terrace and south via Wharf Road. See map below for detour routes.
- Some noise and other construction impacts may be experienced, however, every effort will be made to minimise disruption to the local community.
- Pedestrian access from the Gold Coast Highway into Fern Street will be maintained.
- Motorists and pedestrians are asked to drive/walk safely and observe the signage.
- Work hours will be 6.30am to 6.30pm Monday to Saturday, except for Sunday 6 November when traffic barriers will be put in place between 6.30pm and 10pm.
- Timing of this work is subject to weather and construction conditions.



These works are part of Stage One of the Gold Coast Rapid Transit project, which is delivering a world-class light rail system to the Gold Coast by 2014. Stage One will connect Griffith University with Broadbeach via Southport and Surfers Paradise.

If you have any questions about these works or to stay up to date with traffic, parking and construction changes in your area call 1800 967 377 (select option 1 then option 3).

Gold Coast Rapid Transit

June 2011

Temporary Intersection Re-opening Fern Street

A revision of the current construction program has allowed the project to temporarily re-open Fern Street, Surfers Paradise.

From **Tuesday 7 June 2011**, the intersection of Fern Street and Gold Coast Highway will be temporarily re-opened to traffic.

This is in response to local community and business requests to re-open intersections when possible, and temporarily close again at a later date to complete the public utility relocation works, pavement improvement works and road re-levelling. Once timeframes for the public utility relocations have been identified, the community will be informed of the closure in advance.

Please note the current bus routes will not be affected by the re-opening of Fern Street. Buses will continue to travel along the Gold Coast Highway turning at Wharf Road.

Hours of work are generally between 6.30am and 6.30pm Monday to Saturday. Timing of this work is subject to weather and construction conditions.

To stay up to date with traffic, parking and construction changes in your area:

- Call **1800 967 377** and select the Broadbeach roadworks option to speak to the project team
- Sign up for Light Rail Mail at **www.goldcoastrapidtransit.qld.gov.au**
- Register to receive email and/or SMS updates by emailing your address and phone number to **broadbeach@tmr.qld.gov.au**

www.goldcoastrapidtransit.qld.gov.au



Australian Government



Queensland Government

GCRT Broadbeach Site Office Meeting Room
8:00am Friday 2nd March 2012

Present	Apol	Absent	Name	Position	Initials	
X				Superintendent's Representative		
	X			SMEC		
X				Project Manager, Boulderstone		
	X			Construction Manager, Boulderstone		
X				Communications and Stakeholder Engagement Coordinator, Boulderstone		
	X			Boulderstone		
	X			A/Project Manager, GCRT		
X				Stakeholder Liaison Officer (GCRT)		
X				Project Manager, GCRT		
		X		Stakeholder Liaison Officer, GCRT		
X				Senior Communications Officer		
X				Communications Manager, GCRT		
X				Senior Project Officer (Community and Social), GCCC		
Items for action					Resp.	By
1. Actions and Achievements						
<ul style="list-style-type: none"> The work occurring between Wharf Road and Remembrance Drive on the western side of the highway involves heavy excavation in close proximity to high density residential properties. It is encouraging that no noise complaints have been received from local residents. This may be attributed to the fact residents were advised that we changed our work methods to conduct this work during the day under a slow lane closure, rather than at night. No complaints were received regarding the lane closure in this area. Surfers Paradise Backpackers management was advised of the installation of a compound at the front of the property and this has been well received. The managers are working with BPL to overcome access and waste management issues. 					NA	NA
<ul style="list-style-type: none"> Refuse Sch.4 Part 4 starts on Monday the 5/3 and will support Sch. on visits to property owners to discuss design works. First Avenue road closed 5am to 2:30pm for one week due to watermain installation). Sch. to ask the traffic control supervisor to ensure all signs in the area accurately reflect the current traffic conditions. A section of trees in Remembrance Park need to be removed to allow the bus shelter slab to be laid. Sch. has received previous advice from a stakeholder that the trees in this area are of significant importance. Sch. to 					e Sch.4	Ongoing
2. Planned activities/key impacts for following week						
<ul style="list-style-type: none"> Refuse Sch.4 Part 4 starts on Monday the 5/3 and will support Sch. on visits to property owners to discuss design works. First Avenue road closed 5am to 2:30pm for one week due to watermain installation). Sch. to ask the traffic control supervisor to ensure all signs in the area accurately reflect the current traffic conditions. A section of trees in Remembrance Park need to be removed to allow the bus shelter slab to be laid. Sch. has received previous advice from a stakeholder that the trees in this area are of significant importance. Sch. to 					All	Note
<ul style="list-style-type: none"> Refuse Sch.4 Part 4 starts on Monday the 5/3 and will support Sch. on visits to property owners to discuss design works. First Avenue road closed 5am to 2:30pm for one week due to watermain installation). Sch. to ask the traffic control supervisor to ensure all signs in the area accurately reflect the current traffic conditions. A section of trees in Remembrance Park need to be removed to allow the bus shelter slab to be laid. Sch. has received previous advice from a stakeholder that the trees in this area are of significant importance. Sch. to 					All	Note
<ul style="list-style-type: none"> Refuse Sch.4 Part 4 starts on Monday the 5/3 and will support Sch. on visits to property owners to discuss design works. First Avenue road closed 5am to 2:30pm for one week due to watermain installation). Sch. to ask the traffic control supervisor to ensure all signs in the area accurately reflect the current traffic conditions. A section of trees in Remembrance Park need to be removed to allow the bus shelter slab to be laid. Sch. has received previous advice from a stakeholder that the trees in this area are of significant importance. Sch. to 					se Sch.4	09/03

<p>send a marked up sketch to [Sch.] so he can ask GCCC if there is any reason why these trees cannot be removed.</p> <ul style="list-style-type: none"> Pavement works are ongoing between St Kilda and Chelsea Avenues. [Sch.] [se Sch.4] Ongoing to continue to liaise with business/residents in this area. 	
<h3>3. Update on sensitive stakeholders</h3>	
<ul style="list-style-type: none"> Jungle Cats Restaurant (Saffron) – The restaurant has a grand opening planned for 11/3. BPL is working closely with restaurant owner [Refuse Sch.4 Part 4 s.6] to ensure access to his restaurant is maintained during pavement works. Landscaping works are ongoing. The driveway works have been completed. Fire Station – BPL continuing to look at the temporary early warning mechanisms until the final design is installed. [Sch.] will continue liaising with the fire station staff about progress on this matter. The Fire Station has raised concerns regarding the northbound lane closure and will continue to monitor and advise [Sch.] if it causes them problems. [Sch.] to advise the Fire Department of the long term plans for SP Boulevard at the next TMLG. Mardi Gras – [h.4 Part 4 s.6 Personal information] complained this week about vacuum trucks working [Part Refuse Sch.4 Part 4 s.6 Personal information] thought we would decrease activity during the Bridge Convention. [Sch.] clarified that we weren't doing night works during the convention, but work would continue on all other activities with vacuum trucks starting from 8am. [Sch.] to continue to manage the Mardi Gras. Crowne Plaza – TP advised the Crowne about saw cutting activities for water main works which would also involve closing First Avenue as per above. [Part Refuse Sch.4 Part 4 s.6] [se Sch.] dealing with [Refuse Sch.4 Part 4 s.6] [Part Refuse Sch.4 Part 4 s.6] Alexander Apartments [se Sch.4] has not heard from [se Sch.4] following night works advice for 11 March. Paradise Inn – [Part 4 s.6 P] have complained about water damage due to a leaking ceiling. [t 4 s.] advised owners that as per our original agreement (which was provided in writing), their damage claim will be assessed at the completion of works. If they believe they need to make repairs in the mean time due to our works, they should send an additional claim for these repairs, including invoices. [t 4 s.] continuing to assess the property works requests and will advise BPL if these are approved. 	<p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p>
<h3>4. Project complaints and enquiries:</h3> <ul style="list-style-type: none"> 35 contacts since last meeting (24/2 – 1/3), 5 for property works/driveways 13 complaints received for: timeframes (1), blocked driveway (2), blocked drain (1), worker behavior (1), noise (3), fencing (1), signage down (1), damage to property (2), property works (1) 	
<h3>5. Driveways/Property Works</h3> <p>– Driveways due to be completed are all low density dwellings/businesses and one-on-one consultations are being held with the following properties:</p>	

<ul style="list-style-type: none"> • Via Appia – BPL still waiting for direction regarding corrective action to the driveway works. • Jungle Cats (Saffron) – Front garden is almost complete. An issue has arisen with the footing of the pillar sign which has held up completion. BPL currently waiting for a direction regarding the footing. Side garden will commence soon, along with footpaths. • Sch.4 Part 4 s.6 Person – Owner’s concerns still with GCRT/Aurecon for review. • Chiang Mai – Driveway complete, gates need to be reinstalled. se Sch.4 continuing to liaise with the council regarding waste collection as driveway access changes. • MEC Café – Currently liaising with owners to have landscaping works signed off. We may not start this work until the ramp is resolved. • Club Surfers – BPL is still working with SMEC to resolve the issue with the alignment of the tiling. • Upcoming driveways – Patching at Caltex, Britannia Sunset and Yuen Central (Wok in a Box/Sushi Train). Dates to be confirmed. • Alexander Apartments – 4 s to forward the design to Refuse Sch.4 Part 4 representative of the Body Corporate. 4 s to meet with se Sch.4 also to discuss the repair of the pavers which have been broken during our works. 	<p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>09/03</p>
<p>6. Parks</p> <ul style="list-style-type: none"> • Neddy Harper Park – Boundaries of responsible parties to be defined. se Sch.4 to ask GoldLinQ to define the area of the park they wish to take over se Sch.4 send final plan of area BPL wishes to control to se Sch.4 P to assist se Sch.4 respond to a complaint about Neddy Harper Park. 	<p>05/03</p>
<p>7. GCRT matters</p> <ul style="list-style-type: none"> • Traffic Updates – se Sch.4 would like BPL to design and implement a procedure for advising GCRT/GCCC about traffic incidents. se Sch.4 to organise a meeting with se Sch.4 to discuss a mutually agreeable procedure. • Media se Sch.4 reported that the Gold Coast Bulletin will be doing a two-page spread on the project, focusing on early works. se Sch.4 expects this to be positive. 	<p>Ongoing</p>
<p>8. SMEC matters – Nil</p>	
<p>9. CAPS to be approved by SMEC/GCRT - Nil</p>	
<p>10. CAPS to be prepared by NS/TP:</p> <ul style="list-style-type: none"> • March construction update. • Genoa St and Monte Carlo Ave road closures – drafts have been completed and will be updated closer to the works starting. 	<p>09/03</p>
<p>Next Meeting: 8:00am Friday 9th March 2012</p>	

GCRT Broadbeach Site Office Meeting Room
8am Friday 6 January 2012

Present	Apol	Absent	Name	Position	Initials
X				Superintendent's Representative	
	X			SMEC	
X				Project Manager, Boulderstone	
	X			Construction Manager, Boulderstone	
X				Comms and Stakeholder Engagement Coordinator, Boulderstone	
	X			Boulderstone	
	X		Refuse Sch.4 Part 4	A/Project Manager, GCRT	Refuse Sch.4 Part 4
	X			Stakeholder Liaison Officer (GCRT)	
	X			Project Manager, GCRT	
	X			Stakeholder Liaison Officer, GCRT	
X				Senior Communications Officer	
X				Communications Manager, GCRT	
X				Senior Project Officer (Community and Social), GCCC	
	X			GCCC	

Items for action	Resp.	By
1. Mardi Gras <input type="checkbox"/> Sch.4 to continue to keep <input type="checkbox"/> Refuse Sch.4 Part 4 informed about night works. <input type="checkbox"/> Sch.4 to meet with GCRT and SMEC to discuss nightworks in the Britannia Ave area. <input type="checkbox"/> Sch.4 preparing hot issues brief and will contact TP for information as required.	<input type="checkbox"/> Refuse Sch.4	Ongoing 13/01/12
2. CAPS to be approved by SMEC/GCRT – Nil		
3. CAPS to be prepared by <input type="checkbox"/> Refuse Sch.4 Part 4 <ul style="list-style-type: none"> Genoa St and Monte Carlo Ave road closures – early 2012 waiting on design clash Nightworks notification January Construction Update 	<input type="checkbox"/> Refuse Sch.4	Ongoing 16/01 16/01
4. Driveways – Driveways due to be completed are all low density dwellings and one-on-one consultations are being held with the following properties: Via Appia, former Saffron, <input type="checkbox"/> Refuse Sch.4 Part 4 s.6 Person Oriental Garden	<input type="checkbox"/> Refuse Sch.4	Ongoing
5. GoldlinQ Geotech <input type="checkbox"/> Refuse Sch.4 to send details to <input type="checkbox"/> Refuse Sch.4 s.6 each Monday.	<input type="checkbox"/> Refuse Sch.4	Ongoing
6. Pink Poodle – Sign needs to be moved from Council depot. <input type="checkbox"/> Refuse Sch.4 to organise a meeting to agree on suitable location for sign to be re-installed. Consultation	<input type="checkbox"/> Refuse Sch.4	13/01/12

can then begin with Mantra Wings Body Corporate.		
7. Surfers Paradise Boulevard intersection works se Sch.4 to have end dates removed se Sch.4 from VMS.	se Sch.4	08/01
8. Night works se Sch.4 to continue to provide a weekly update to GCRT regarding the following week's work. Nightworks due to commence on 16 th January in the southern section of the job.	se Sch.4	Ongoing
9. Alexander Apartments se Sch.4 to meet with Refuse Sch.4 Part 4 on 17 January.	se Sch.4	17/01
10. Kerb works, Sushi Train/Wok in a Box se Sch.4 to email a request to se Sch.4 to advise JJ Richards that our staff are happy to assist to retrieve bins if they cannot get into the complex due to our works. Sch to work with the businesses to ensure minimal effect on trade throughout the works.	se Sch.4	12/01
11. Swingin Safari – Sign has been returned to its original footing following Telstra works.	N/A	
Next Meeting: Friday 13 January 2012		

Released under RTI - DTMR

GCRT Broadbeach Site Office Meeting Room
8am Friday 9 December 2011

Present	Apol	Absent	Name	Position	Initials
	X			Superintendent's Representative	
X				SMEC	
X				Project Manager, Boulderstone	
	X			Construction Manager, Boulderstone	
X				Comms and Stakeholder Engagement Coordinator, Boulderstone	
X				Boulderstone	
X			Refuse Sch.4 Part 4	A/Project Manager, GCRT	Refuse Sch.4 P
				Stakeholder Liaison Officer (GCRT)	
	X			Project Manager, GCRT	
	X			Stakeholder Liaison Officer, GCRT	
X				Senior Communications Officer	
X				Stakeholder Communications Coordinator	
X				Communications Manager, GCRT	
	X			Senior Project Officer (Community and Social), GCCC	
	X			GCCC	

Items for action	Resp.	By
1. Mardi Gras – TP to continue to keep Refuse Sch.4 Part 4 formed about night works. Night works will occur in the vicinity of the Mardi Gras up until Christmas.	Refuse Sch.4	Ongoing
2. CAPS to be approved by SMEC/GCRT – Nil		
3. CAPS to be prepared by NS/TP: <ul style="list-style-type: none"> Genoa St and Monte Carlo Ave road closures – early 2012 Armrick Ave partial closure Second Ave bus stop temporary relocation (sign for bus stop only) December Construction Update 	Refuse Sch.4	Ongoing 19/12 TBA 12/12
4. Driveways – CAP has been updated. Refuse Sch.4 to send Refuse Sch.4 the CAP once it is distributed to residents, however it will only be issued once we are getting close to completing the driveways. At this stage, the next driveways to be completed will be Via Appia and the former Saffron Building, both of which do not require the first notification due to the ongoing dialogue between the BPL team and the property owners.	Refuse Sch.4	Ongoing
5. GoldlinQ Geotech Refuse Sch.4 to send details to Refuse Sch.4 each Monday.	Refuse Sch.4	Ongoing

<p>6. Bus stops – Bus stop south of Australia Avenue may need to be temporarily relocated due to water main works. [redacted] to speak with [redacted] 4 Part 4 s.6 Pers</p> <p>Remembrance Drive bus stop - seat to be installed today; BPL to install cold mix at the bus stop</p>	<div style="border: 1px solid red; width: 50px; height: 467px; margin: 0 auto;"></div>	<p>12/12</p> <p>9/12</p> <p>14/12</p>	
<p>7. Holiday North demolition – Vibration monitoring was undertaken. Results to be reviewed once they are received.</p>		<p>12/12</p>	
<p>8. Pink Poodle</p> <ul style="list-style-type: none"> sign location to be agreed upon once services are installed. Only area available at this stage is in the planter box. 		<p>Ongoing</p>	
<p>9. Christmas period</p> <ul style="list-style-type: none"> GCRT to remind GCCC call centre to call the 1800 number if they need the project team over the holiday period. 		<p>Prior to 23/12</p>	
<p>10. Night works → [redacted] to continue to provide a weekly update to GCRT regarding the following week's works.</p>		<p>Ongoing</p>	
<p>11. Traffic switch is due to occur on 18 December.</p>			
<p>12. Alexander Apartments – BPL to continue to manage the stakeholder relations with the manager.</p>		<p>Ongoing</p>	
<p>13. Stakeholder and Communications plan to be finalised next week.</p>		<p>16/12</p>	
<p>14. D'Arcy Arms – Request from [redacted] to install a cover over the air conditioning units. It was decided that this is out of scope at this stage until the design is finalised. [redacted] will need to direct this request to the owner of the property to advise [redacted] of this.</p>		<p>14/12</p>	
<p>Next Meeting: Friday 16 December 2011</p>			

Released under RTI - DEMR

GCRT Broadbeach Site Office Meeting Room
8am Friday 13 January 2012

Present	Apol	Absent	Name	Position	Initials
	X			Superintendent's Representative	
	X			SMEC	
X				Project Manager, Boulderstone	
	X			Construction Manager, Boulderstone	
X				Comms and Stakeholder Engagement Coordinator, Boulderstone	
	X			Boulderstone	
	X		Refuse Sch.4 Part 4	A/Project Manager, GCRT	
X				Stakeholder Liaison Officer (GCRT)	
X				Project Manager, GCRT	
	X			Stakeholder Liaison Officer, GCRT	
X				Senior Communications Officer	
X				Communications Manager, GCRT	
	X			Senior Project Officer (Community and Social), GCCC	
	X			GCCC	

Items for action	Resp.	By
1. Mardi Gras – TP to continue to keep Refuse Sch.4 Part 4 informed about night works. Refuse Sch.4 Part 4 to meet with Refuse Sch.4 Part 4 today to advise them of January nightworks. Refuse Sch.4 Part 4 to provide Refuse Sch.4 Part 4 with a copy of the final hot issues brief.	Refuse Sch.4 Part 4	Ongoing 13/01/12 13/01/12
2. CAPS to be approved by SMEC/GCRT – Nil		
3. CAPS to be prepared by Refuse Sch.4 Part 4 <ul style="list-style-type: none"> Genoa St and Monte Carlo Ave road closures – early 2012 waiting on design clash Nightworks notification January Construction Update 	Refuse Sch.4 Part 4	Ongoing 16/01 16/01
4. Driveways – Driveways due to be completed are all low density dwellings and one-on-one consultations are being held with the following properties: <ul style="list-style-type: none"> Via Appia, former Saffron, Refuse Sch.4 Part 4 s.6 Person Oriental Garden, Chiang Mai Thai all ready to go Refuse Sch.4 Part 4 liaising with the residents/businesses concerned. Refuse Sch.4 Part 4 to liaise with Refuse Sch.4 Part 4 where residents/businesses will have their access to their properties blocked during works. 	Refuse Sch.4 Part 4	Ongoing Ongoing Ongoing

<p>5. GoldlinQ Geotech [redacted] to send details to [redacted] each Monday.</p>	<p>Ongoing</p>
<p>6. Pink Poodle – Sign needs to be moved from Council depot. [redacted] is holding a meeting to discuss possible locations prior to GCRT consulting with the Body Corporate.</p>	<p>6/01/12</p>
<p>7. Night works [redacted] to continue to provide a weekly update to GCRT regarding the following week's work. Nightworks due to commence on 16th January in the southern section of the job. [redacted] to notify residents affected by these night works until night works notification is distributed. This will include Via Appia residents where a pump will be set up.</p>	<p>Ongoing</p>
<p>8. Alexander Apartments [redacted] to meet with [redacted] Refuse Sch.4 Part 4 on 17 January. [redacted] to forward invite to [redacted]</p>	<p>17/01 13/01</p>
<p>9. Kerb works, Sushi Train/Wok in a Box [redacted] has advised businesses that their driveways will be affected (one at a time) before 11am (when trade starts) on Monday 16 and 23. [redacted] to monitor.</p>	<p>Ongoing</p>
<p>Next Meeting: Friday 20 January 2012</p>	

Released under RTI - 67816

GCRT Broadbeach Site Office Meeting Room
8am Monday 19 December 2011

Present	Apol	Absent	Name	Position	Initials
X				Superintendent's Representative	
	X			SMEC	
X				Project Manager, Boulderstone	
	X			Construction Manager, Boulderstone	
X				Comms and Stakeholder Engagement Coordinator, Boulderstone	
	X			Boulderstone	
	X		Part Refuse Sch.4 Part 4	A/Project Manager, GCRT	use Sch.4 P
	X			Stakeholder Liaison Officer (GCRT)	
X				Project Manager, GCRT	
X				Stakeholder Liaison Officer, GCRT	
X				Senior Communications Officer	
X				Communications Manager, GCRT	
X				Senior Project Officer (Community and Social), GCCC	
	X			GCCC	

Items for action	Resp.	By
1. Mardi Gras <input type="checkbox"/> to continue to keep <input type="checkbox"/> informed about night works. Night works will occur in the vicinity of the Mardi Gras up until Christmas. <input type="checkbox"/>	<input type="checkbox"/>	Ongoing
Part Refuse Sch.4 Part 4 s.6		
2. CAPS to be approved by SMEC/GCRT – Nil		
3. CAPS to be prepared by <input type="checkbox"/> :		
<ul style="list-style-type: none"> Genoa St and Monte Carlo Ave road closures – early 2012 Armrick Ave partial closure <input type="checkbox"/> to provide draft to <input type="checkbox"/> Second Ave bus stop temporary relocation (sign for bus stop only) – <input type="checkbox"/> to confirm position of temporary relocation December Construction Update <input type="checkbox"/> to send final to Nic 	<input type="checkbox"/>	Ongoing 20/12 20/12 19/12
4. Driveways – CAP has been updated. <input type="checkbox"/> to send CAP to <input type="checkbox"/> once it is distributed to residents, however it will only be issued once we are getting close to completing the driveways.	<input type="checkbox"/>	ongoing
5. GoldlinQ Geotech <input type="checkbox"/> to send details to <input type="checkbox"/> each Monday.	<input type="checkbox"/>	ongoing
6. Pink Poodle		

<ul style="list-style-type: none"> sign location to be agreed upon once services are installed. Only area available at this stage is in the planter box. 	use Sch.4	Ongoing
<p>7. Christmas period</p> <ul style="list-style-type: none"> BPL site team to ensure site is left tidy before the break use Sch.4 to send the contacts list to GCRT project team. 	use Sch.4	Prior to 23/12 Prior to 23/12
<p>8. Night works use Sch.4 to continue to provide a weekly update to GCRT regarding the following week's works and add Sch to the distribution list. Nightworks will commence on 16th January in the southern section of the job.</p>	use Sch.4	Ongoing
<p>9. Alexander Apartments use Sch.4 to update Consultation Manager to include the details of the visit on 16 December.</p>	use Sch.4	21/12
<p>10. Stakeholder and Communications plan to be finalised.</p>	use Sch.4	21/12
<p>Next Meeting: Friday 6 January 2012</p>		

Released under RTI - DTMP

GCRT Broadbeach Site Office Meeting Room
8am Friday 20 January 2012

Present	Apol	Absent	Name	Position	Initials
	X			Superintendent's Representative	
X				SMEC	
X				Project Manager, Baulderstone	
	X			Construction Manager, Baulderstone	
X				Comms and Stakeholder Engagement Coordinator, Baulderstone	
	X			Baulderstone	
	X			A/Project Manager, GCRT	
X				Stakeholder Liaison Officer (GCRT)	
X				Project Manager, GCRT	
	X			Stakeholder Liaison Officer, GCRT	
X				Senior Communications Officer	
X				Communications Manager, GCRT	
X				Senior Project Officer (Community and Social), GCCC	
	X			GCCC	

	Resp.	By
1. Mardi Gras <input type="checkbox"/> to continue to keep <input type="checkbox"/> informed about night works. <input type="checkbox"/> is working with <input type="checkbox"/>	<input type="checkbox"/>	Ongoing
2. CAPS to be approved by SMEC/GCRT – Nil		
3. CAPS to be prepared by <input type="checkbox"/> <ul style="list-style-type: none"> Genoa St and Monte Carlo Ave road closures – although we are still waiting on design <input type="checkbox"/> ill draft notifications in readiness. TP will talk to the businesses nearby to provide them with an update Nightworks notification January Construction Update – with <input type="checkbox"/> for review 	<input type="checkbox"/> 25/01 <input type="checkbox"/> 25/01 <input type="checkbox"/> 23/01	
4. Driveways – Driveways due to be completed are all low density dwellings and one-on-one consultations are being held with the following properties: <ul style="list-style-type: none"> Via Appia (have final sign-off from owner-occupiers), former Saffron (have sign off from owner, currently consulting tenants), <input type="checkbox"/> (still negotiating design with owner) Oriental Garden (have final sign off from owner – vacant building), Chiang Mai Thai (waiting on suitable meeting time for consultation with owner). 	<input type="checkbox"/>	Ongoing
5. GoldlinQ Geotech <input type="checkbox"/> to send details to <input type="checkbox"/> each Monday.	<input type="checkbox"/>	Ongoing

6. Pink Poodle – GCCC and GCRT negotiating reinstallation with owners. No further action required by Boulderstone until instructed to install at the agreed location.	se Sch.4	Ongoing
7. Night works se Sch.4 to continue to provide a weekly update to GCRT regarding the following week's work. No complaints received this week.	se Sch.4	Ongoing
8. Alexander Apartments se Sch.4 met with Refuse Sch.4 Part 4 on 17 January. Sch.4 has added details of this meeting to Consultation Manager. Follow up meeting to occur in February.	se Sch.4	Ongoing
9. Kerb works, Sushi Train/Wok in a Box – 4 s continuing to monitor as works occur.	se Sch.4	Ongoing
10. Communications Plan – Refuse Sch.4 Part 4 to meet to go through the communications plan se Sch.4 to send invitation to Refuse Sch.4 Part 4	se Sch.4	23/01
11. Neddy Harper Park se Sch.4 to send a proposal to GCRT detailing plans for Neddy Harper Park usage.	se Sch.4	25/01
12. Cascade Gardens se Sch.4 said she noticed a damaged tree limb in Cascade Gardens. BPL to arrange to have the broken branch tied up to avoid infection.	se Sch.4	25/01
13. Thornton Tower palms trees se Sch.4 asked what was happening with the palm trees near Thornton Tower. Sch.4 advised that this was now out of BPL's scope. se Sch.4 to follow up with GCRT.	se Sch.4	ongoing
Next Meeting: 10.30am Wednesday 25 January 2012		

Released under RTI - DMP

GCRT Broadbeach Site Office Meeting Room
10.30am Wednesday 25 January 2012

Present	Apol	Absent	Name	Position	Initials
X				Superintendent's Representative	
X				SMEC	
X				Project Manager, Baulderstone	
	X			Construction Manager, Baulderstone	
X				Comms and Stakeholder Engagement Coordinator, Baulderstone	
	X			Baulderstone	
	X		Refuse Sch.4 Part 4	A/Project Manager, GCRT	
X				Stakeholder Liaison Officer (GCRT)	
X				Project Manager, GCRT	
	X			Stakeholder Liaison Officer, GCRT	
X				Senior Communications Officer	
	X			Communications Manager, GCRT	
	X			Senior Project Officer (Community and Social), GCCC	
	X			GCCC	

Items for action	Resp.	By
<p>1. Mardi Gras Sch. to continue to keep Refuse Sch.4 Part 4 informed about night works. GCRT Property Manager is continuing discussions with Part Refuse Sch.4 Part 4 s.6</p>		Ongoing
<p>2. CAPS to be approved by SMEC/GCRT:</p> <ul style="list-style-type: none"> January construction update to be approved by GCRT and SMEC before sending out today (25/01). 		25/01
<p>3. CAPS to be prepared by NS/TP:</p> <ul style="list-style-type: none"> Genoa St and Monte Carlo Ave road closures Refuse Sch.4 Part 4 to meet on Tuesday to discuss the notification for these works which are due to proceed once design is clarified. Nightworks notification Refuse Sch.4 Part 4 to meet on Tuesday to discuss the content. February construction update Refuse Sch.4 Part 4 to meeting on Tuesday to discuss how we can get better value from the construction updates. Refuse Sch.4 Part 4 to meet with Sch. in the second week of each month to review content for the monthly construction update. 		31/01 31/01 31/01 Ongoing
4. Driveways – Driveways due to be completed are all low density dwellings and		

<p>one-on-one consultations are being held with the following properties:</p> <ul style="list-style-type: none"> • Via Appia - have final sign-off from owner-occupiers, awaiting works to start • Former Saffron - have sign off from owner, currently consulting tenants • [redacted] - still negotiating design with owner • Oriental Garden - have final sign off from owner – vacant building, awaiting works to start. • [redacted] to meet with Chiang Mai Thai on 31/01 to find out what arrangements are currently in place with the neighbouring property (Oriental Garden) where the Chiang Mai patrons are currently parking. This will determine what sort of temporary car parking is made available for the restaurant throughout the works including signage requirements. [redacted] suggested that if BPL arranges for patrons to park in Oriental Garden's car park, a dilapidation survey should be completed to assess the condition of the car park prior to use. 	<p>[redacted]</p>	<p>Ongoing 31/01 Ongoing Ongoing 31/01</p>
<p>5. GoldlinQ Geotech [redacted] to send details to TP each Monday.</p>	<p>[redacted]</p>	<p>Ongoing</p>
<p>6. Crowne Plaza – [redacted] with the level of contact he was receiving from Baulderstone regarding works within the vicinity of the hotel. [redacted] [redacted] [redacted] to provide details of [redacted] feedback to [redacted] so BPL can investigate and modify communication processes if necessary.</p>	<p>JBa</p>	<p>30/01</p>
<p>7. Night works [redacted] to continue to provide a weekly update to GCRT regarding the following week's work.</p> <ul style="list-style-type: none"> • BPL has now negotiated subcontractor availability. Night works for drainage in the south were due to start from Sunday night. However, this will be reviewed over the next few days once the impact of the weather is assessed. [redacted] to update GCRT team once more information is available. • [redacted] to work through night works notification on 31/01. 	<p>[redacted]</p>	<p>Ongoing 31/01</p>
<p>8. Holiday North Demolition – Crushing likely to be completed in second week of February.</p>	<p>N/A</p>	<p>Ongoing</p>
<p>9. Sushi Train/Wok in a Box</p> <ul style="list-style-type: none"> • Kerb works have been delayed due to the wet weather. [redacted] to keep the stakeholders updated once the program is revised. 	<p>[redacted]</p>	<p>Ongoing</p>
<p>10. Cascade Gardens – The southern entry to Cascade Gardens is currently closed to assist the site team to install drainage in the south. This work is due to be completed at the end of March.</p> <ul style="list-style-type: none"> • [redacted] to check Communication and Stakeholder Management Plan for schedule of events and ensure the southern entrance is opened when required to assist traffic in and out of the gardens. • BPL's works in the area should be completed by the end of March, meaning the southern entrance should be open for Anzac Day. • [redacted] to respond to [redacted] email enquiring about the length of the entrance 	<p>[redacted]</p>	<p>31/01 31/01</p>

closure.		
<p>11. Parking - A complaint has been received from [redacted] regarding people parking illegally at the western end of Second Avenue, blocking them in to their driveway.</p> <ul style="list-style-type: none"> • BPL to relocate fencing once the rain clears so that this can be avoided. • [redacted] to ask GCCC to increase their patrols of the side streets. 	[redacted] se Sch.4	31/01 01/02
<p>12. Communication and Stakeholder Engagement Plan</p> <ul style="list-style-type: none"> • [redacted] go over KPI's in the meeting with [redacted] on 1 Feb. 	[redacted] se Sch.4 F	01/02
<p>13. Weekly radio updates – these are now prepared by GoldlinQ</p>	N/A	
<p>14. Wet weather – Works look like they will be delayed by about a week. Potholes are currently being repaired as quickly as possible.</p> <ul style="list-style-type: none"> • BPL to provide a message to the TMC regarding the condition of the road so it can be broadcast on radio. 	[redacted] se Sch.4 F	25/01
<p>Next Meeting: 8am Friday 3 February 2012</p>		

Released under RTI DTMR

GCRT Broadbeach Site Office Meeting Room
8am Friday 3 February 2012

Present	Apo	Absent	Name	Position	Initials
X				Superintendent's Representative	
X				SMEC	
X				Project Manager, Boulderstone	
	X			Construction Manager, Boulderstone	
X				Communications and Stakeholder Engagement Coordinator, Boulderstone	
	X			Boulderstone	
	X		Refuse Sch.4 Part 4	A/Project Manager, GCRT	Refuse Sch.4 Part 4
X				Stakeholder Liaison Officer (GCRT)	
X				Project Manager, GCRT	
	X			Stakeholder Liaison Officer, GCRT	
X				Senior Communications Officer	
X				Communications Manager, GCRT	
	X			Senior Project Officer (Community and Social), GCCC	
X				Boulderstone – Administration Assistant	

Items for action	Resp.	By
1. Update on sensitive stakeholders		
<ul style="list-style-type: none"> • Mardi Gras – [redacted] to continue to keep [redacted] informed about night works. [redacted] meet with [redacted] on Monday 6/2 to address their request for an increased State presence on site. • Crowne Plaza – [redacted] has touched base with [redacted] regarding his concerns about our level of communication. [redacted] to meet with [redacted] late next week to discuss works in the area and communication processes. • Paradise Inn – [redacted] Part Refuse Sch.4 Part 4 s.6 their concerns about property damage will be assessed once works are completed at their property. [redacted] said that council is still reviewing the request for restricted parking in Genoa Street and [redacted] request for extra balustrade and concreting is being considered by GCRT. Sewer works starting next week. Still a lot of work to occur in the area. • Chickery Chick – Ownership has changed. [redacted] has introduced herself to new owner and will continue to liaise with him. • Sushi Train/Wok in a Box – Kerb works have been delayed and are due to start on 13/02. 		<p>06/02</p> <p>10/02</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p>

<ul style="list-style-type: none"> Sch. will manage State relations with Mardi Gras and Gold Coast Mini Golf. 	se Sch.4	Ongoing
2. Project complaints and enquiries: <ul style="list-style-type: none"> 43 contacts since last meeting (25/01 – 02/02), 7 for property works matters 18 complaints received for: 7 vehicle damage; 2 saw cutting; 2 road condition; 1 night works; 1 footpaths; 1 blocked driveway; 1 fencing; 3 outside project scope. 		
3. Driveways – Driveways due to be completed are all low density dwellings and one-on-one consultations are being held with the following properties: <ul style="list-style-type: none"> Via Appia – southern completed, northern driveway to be poured today. Security guard is stationed with 4 Part 4 s.6 Per cars at night. Former Saffron – Undercover driveway to be completed next week. The undercover car park will then be used for residential tenants while the middle driveway is completed. BPL to ensure lighting is working in the undercover car park. Business is due to open at the end of February. Sch.4 Part 4 s.6 Person still negotiating design with owner. Designs are being reviewed. Oriental Garden – driveway under construction. Chiang Mai – Chiang Mai have a lease agreement (which has been supplied to BPL) to use the Oriental Garden car park. The compound will be cleared so that Chiang Mai customers can access this car park (which leads through to the Chiang Mai car park) during driveway works. Signage will be supplied directing customers and service vehicles to the temporary entry. Start date to be confirmed with Sch.4. She can ask GCCC to advise JJ Richards of new entry point. 		
4. Cascade Gardens – Refuse Sch.4 Part for a list of significant events which could require BPL opening the southern entry to the Gardens.	se Sch.4	Ongoing
5. GoldlinQ Geotech – These updates will start again on 06/02 and will be more construction based.		09/02
6. GCRT matters <ul style="list-style-type: none"> Consultation Manager protocols se Sch.4 to document protocols and distribute to all. Site visit → Sch. is organising a TMR Major Projects walkthrough of the site and lunch in Cascade Gardens on Thursday 09/02. Parking se Sch.4 to ask GCCC to increase parking enforcement patrols in side streets. 		
7. SMEC matters <ul style="list-style-type: none"> art Refuse Sch.4 Part 4 s met to discuss aspects of the communications plan. se Sch.4 is to provide clarification regarding the reporting expectations of GCRT. Monthly Surverys – BPL to conduct at least 3 surveys each month to gauge stakeholder satisfaction. se Sch.4 to provide Sch. with the State-approved survey questions. Resourcing Refuse Sch.4 Part to discuss Stakeholder and Communications 		

Coordination resourcing off line.			
8. CAPS to be approved by SMEC/GCRT:		se Sch.4	
<ul style="list-style-type: none"> Night works notification to have final approval from Refuse Sch.4 Part o it can be sent out today (03 /02) 			03/02
9. CAPS to be prepared by NS/TP:			
<ul style="list-style-type: none"> Genoa St and Monte Carlo Ave road closures e Sch.4 to check draft. February construction update e Sch.4 o provide draft to e Sch.4 			06/02 06/02
Next Meeting: 8am Friday 10 February 2012			

Released under RTI - DTMR

GCRT Broadbeach Site Office Meeting Room
8am Friday 10 February 2012

Present	Apo	Absent	Name	Position	Initials
X				Superintendent's Representative	
X				SMEC	
X				Project Manager, Boulderstone	
	X			Construction Manager, Boulderstone	
X				Communications and Stakeholder Engagement Coordinator, Boulderstone	
	X			Boulderstone	
	X		Refuse Sch.4 Part 4	A/Project Manager, GCRT	Refuse Sch.4 Part 4
X				Stakeholder Liaison Officer (GCRT)	
X				Project Manager, GCRT	
	X			Stakeholder Liaison Officer, GCRT	
X				Senior Communications Officer	
X				Communications Manager, GCRT	
	X			Senior Project Officer (Community and Social), GCCC	
X				Boulderstone – Administration Assistant	

Items for action	Resp.	By
1. Update on sensitive stakeholders		
<ul style="list-style-type: none"> Crown Plaza - Refuse Sch.4 Part 4 to meet with Refuse Sch.4 Part 4 on Monday 13/02. Refuse Sch.4 Part 4 to send invitation to Refuse Sch.4 Mardi Gras - Refuse Sch.4 visited Mardi Gras on Monday 05/02. Refuse Sch.4 Part 4 s.6 to continue to keep Refuse Sch.4 Part 4 s.6 updated regarding the works. Refuse Sch.4 to check Refuse Sch.4 meeting was summarised in Consultation Manager. D'Arcy Arms - Refuse Sch.4 Part 4 s.6 has reported a seepage problem in the ladies toilet area at the hotel. Refuse Sch.4 Part 4 s.6 Personal information has emailed Refuse Sch.4 Part 4 s.6 to request Boulderstone takes action. BPL has inspected and doesn't believe this has anything to do with our works. Refuse Sch.4 Part 4 s.6 to email Refuse Sch.4 Part 4 s.6 to advise this. Refuse Sch.4 Part 4 s.6 suggested Refuse Sch.4 Part 4 s.6 mention to Refuse Sch.4 Part 4 s.6 that the project team noticed a rise in the water table after the heavy rain. This may have contributed to the problem they are currently facing. Alexander Apartments - Refuse Sch.4 due to meet with Refuse Sch.4 Part 4 on Tuesday to update him on the nightworks in the vicinity of Alexander Apartments. This will include 6-8 weeks of nightworks on the western side 		<p>10/02</p> <p>Ongoing</p> <p>13/02</p> <p>13/02</p> <p>14/02</p>

<p>of the highway between Wharf Road and Remembrance Driveway</p> <ul style="list-style-type: none"> • Wok in a box/Sushi Train – Kerbs are due to be installed on Monday 13/02. [Sch.] to continue to liaise with the business owners regarding access during the works. • Blue Haven Palms (Second Avenue) [Refuse Sch.4 Part 4] to meet with the Blue Haven Palms Body Corporate to discuss their concerns regarding Second Avenue. • Rosewood Avenue residents – Three out-of-hours complaints have been received from Rosewood Avenue this week. [t 4 s.] to continue to manage these complaints. 	<p>Ongoing</p> <p>15/02</p> <p>Ongoing</p>
<p>2. Project complaints and enquiries:</p> <ul style="list-style-type: none"> • 34 contacts since last meeting (03/10 – 09/10), 12 for property works/driveways • 12 complaints received for: 1 vehicle damage; 1 noisy manhole; 2 property works; 3 night works; 1 demolition; 1 excess water charges; 1 noise; 1 structural damage; 1 road condition. 	
<p>3. Driveways – Driveways due to be completed are all low density dwellings and one-on-one consultations are being held with the following properties:</p> <ul style="list-style-type: none"> • Via Appia – the new driveway has to be removed and replaced due to problems with the final product. Owners are happy for this to occur so that they get a good finish. [t 4 s.] continuing to work with the owners to install the new driveway next week. • Former Saffron – Undercover driveway being poured today. The undercover car park will then be used for residential tenants while the middle driveway is completed. This driveway is due to be poured on Tuesday 14/02. [Sch.] to meet with Jungle Cats business owner today to ensure the undercover area is ready for parking. [Sch.] to notify residents of the change in parking arrangements. • [ch.4 Part 4 s.6 Person] – Owner's concerns have been reviewed and some can be met, some not. TP to discuss with the owner. • Oriental Garden – driveway under construction. • Chiang Mai – Chiang Mai driveway to start on Monday. [t 4 s.] to confirm with [e Sch.] so she can ask GCCC to advise JJ Richards of new entry point. • [Sch.] is having a formal sit down with the engineer responsible for driveways to ensure a smooth process for stakeholders. 	<p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p>
<p>4. Parks</p> <ul style="list-style-type: none"> • Cascade Gardens [e Sch.] said there are no significant events scheduled in Cascade Gardens before BPL is due to reopen the southern entry at the end of March. [e Sch.] noted that there was no requirement for additional entry signage. • Neddy Harper Park [e Sch.] inspected with [Refuse Sch.4 Part 4] Site Superintendent [e Sch.] said the park was being well kept by BPL. [e Sch.] to produce a drawing that outlines the area of the park for which BPL has responsibility. 	<p>NFA -</p> <p>17/02</p>

<p>6. GCRT matters</p> <ul style="list-style-type: none"> • Accommodation Works – A design register exists for accommodation works that require an updated design by Aurecon. e Sch.4 will manage the communication process with these stakeholders while these designs are being negotiated. e Sch.4 to take over consultation once the design is provided to BPL for execution. • Parking at Garland’s Restaurant (formerly New Mexico) – GCCC has approved parking plan. A revised line marking design needs to be provided to BPL. • Consultation Manager process e Sch.4 to update the Consultation Manager process document to include the process for enquiries/complaints received by the Client. • Monthly reporting process e Sch.4 has provided a template to Sch for future monthly reports, however there is still clarification required regarding the KPIs. e Sch. to seek clarification from e Sch.4 as some KPIs cannot be measured using Consultation Manager. It was agreed that Sch report on the number of complaints/1800 calls resolved within 5 working days until KPI reporting can be resolved. Refuse Sch.4 Part to agree to KPIs that can be reported upon and Sch to provide this to e Sch.4 for consideration. 		<p>Ongoing</p> <p>17/02</p> <p>17/02</p> <p>17/02</p>
<p>7. SMEC matters</p> <ul style="list-style-type: none"> • Process for site incidents – Any incidents should be reported directly to the 1800 697 377. 	<p>All</p>	<p>Ongoing</p>
<p>8. CAPS to be approved by SMEC/GCRT:</p> <ul style="list-style-type: none"> • Nil 		<p>03/02</p>
<p>9. CAPS to be prepared by NS/TP:</p> <ul style="list-style-type: none"> • Genoa St and Monte Carlo Ave road closures – drafts have been completed and will be updated closer to the works starting. • Project team is looking at temporarily removing the U-turn at Wharf Road and installing a temporary U-turn at Fern Street. A CAP may have to be prepared for this in the future. 		<p>06/02</p> <p>Ongoing</p>
<p>Next Meeting: 7.45am Friday 17 February 2012</p>		

GCRT Broadbeach Site Office Meeting Room
7:45am Friday 17th February 2012

Present	Apol	Absent	Name	Position	Initials
X				Superintendent's Representative	
	X			SMEC	
X				Project Manager, Baulderstone	
	X			Construction Manager, Baulderstone	
X				Communications and Stakeholder Engagement Coordinator, Baulderstone	
	X			Baulderstone	
	X		Refuse Sch.4 Part 4	A/Project Manager, GCRT	Refuse Sch.4 Part 4
X				Stakeholder Liaison Officer (GCRT)	
X				Project Manager, GCRT	
	X			Stakeholder Liaison Officer, GCRT	
X				Senior Communications Officer	
X				Communications Manager, GCRT	
X				Senior Project Officer (Community and Social), GCCC	
X				Baulderstone – Minute taker	

Items for action	Resp.	By
1. Update on sensitive stakeholders		
<ul style="list-style-type: none"> D'Arcy Arms – [redacted] is currently investigating the seepage problem, including taking photos. [redacted] Part Refuse Sch.4 Part 4 s.6 Personal information [redacted] Part Refuse Sch.4 Part 4 s.6 Personal information Alexander Apartments – [redacted] met with [redacted] Refuse Sch.4 Part 4 [redacted] on Tuesday to update him on the nightworks in the vicinity of Alexander Apartments. [redacted] Part Refuse Sch.4 Part 4 s.6 Personal information [redacted] Refuse Sch.4 Part 4 s.6 Personal information [redacted] to update Consultation Manager to include this details of the meeting. Wok in a box/Sushi Train – Kerbs were completed. BPL has requested clarification regarding the driveway designs. [redacted] Sch.4 to continue to liaise with the business owners regarding access during the works. Jungle Cats Restaurant (Saffron) – The restaurant is due to open on the 22/2. BPL is working with restaurant owner [redacted] Refuse Sch.4 Part 4 to ensure access to his property is maintained while he fits out the restaurant. Landscaping is due to start next week. Fire Station – Fire Station staff have raised concerns that northbound 		<p>Ongoing</p> <p>20/02</p> <p>Ongoing</p>

<p>vehicles have no warning that they are approaching a Fire Station and are not prepared to stop should a fire engine be entering the traffic to attend an emergency. BPL is seeking clarification on warning mechanisms in the final design and is looking at temporary measures until the works are completed.</p> <ul style="list-style-type: none"> • MEC Café – [redacted] Part Refuse Sch.4 Part 4 s.6 [redacted] There is a lot of work currently taking place in this area, including removing the ramp that BPL installed. [redacted] to wait for final design around the ramp before landscaping sign off is sent to the owner. • Club Surfers – The Body Corporate is not satisfied with the way the tiles have been laid at Club Surface during accommodation works. BPL is seeking direction through SMEC regarding how we will proceed. 	<div style="border: 1px solid red; width: 40px; height: 100px; margin: 0 auto;"></div>	<p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p>
<p>2. Project complaints and enquiries:</p> <ul style="list-style-type: none"> • 40 contacts since last meeting (10/10 – 16/10), 13 for property works/driveways • 15 complaints received for: 1 road alignment, 1 vehicle damage, 3 road surface, 4 night works, 1 visibility, 1 noise, 1 property damage, 2 property works and 1 waste management. 		
<p>3. Driveways – Driveways due to be completed are all low density dwellings and one-on-one consultations are being held with the following properties:</p> <ul style="list-style-type: none"> • Via Appia – There are concerns with the quality on 2nd driveway; this may need to be replaced due to problems with the final product. BPL/SMEC currently investigating. • Jungle Cats (Saffron) – Final driveway is due to be poured on Saturday 18/02. Landscaping due to commence 20/2. • [redacted] sch.4 Part 4 s.6 Person – Owner's concerns have been referred back to GCRT/Aurecon for review. • Chiang Mai – Chiang Mai driveway currently under construction. JJ Richards cannot collect waste from the neighbouring property car park (currently leased to Chiang Mai) without a disclaimer completed by the neighbouring property owner. 	<div style="border: 1px solid red; width: 40px; height: 100px; margin: 0 auto;"></div>	<p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p>
<p>5. Parks</p> <ul style="list-style-type: none"> • Neddy Harper Park [redacted] to confirm GCCC is happy for BPL to take over the whole park and shut it down to the public. It was noted that there is a lot of rubbish located near the park. 	<div style="border: 1px solid red; width: 40px; height: 100px; margin: 0 auto;"></div>	<p>24/02</p>
<p>6. GCRT matters</p> <ul style="list-style-type: none"> • Monthly reporting process – Clarification is still required regarding the KPIs which cannot be recorded in Consultation Management [redacted] to organise a meeting on Monday with BPL, SMEC and [redacted] Weekly Project Report outlined in the PSR to be incorporated into the Weekly Communications Meeting minutes each week. • Easter holidays – QLD school holidays 31/03 – 15/04, NSW 06/04 – 20/04. Night works to be minimized during this period. 	<div style="border: 1px solid red; width: 40px; height: 100px; margin: 0 auto;"></div>	<p>17/02</p> <p>24/02</p>

7. SMEC matters – Nil		
8. CAPS to be approved by SMEC/GCRT: <ul style="list-style-type: none"> • Nil 		
9. CAPS to be prepared by NS/TP: <ul style="list-style-type: none"> • Genoa St and Monte Carlo Ave road closures – drafts have been completed and will be updated closer to the works starting. • Project team is looking at temporarily removing the U-turn at Wharf Road and installing a temporary U-turn at Fern Street. A CAP may have to be prepared for this in the future. 		
Next Meeting: 8:00am Friday 24th February 2012		

Released under RTI - DTMR

GCRT Broadbeach Site Office Meeting Room
8:00am Friday 24th February 2012

Present	ApoI	Absent	Name	Position	Initials
X				Superintendent's Representative	
	X			SMEC	
X				Project Manager, Baulderstone	
	X			Construction Manager, Baulderstone	
X				Communications and Stakeholder Engagement Coordinator, Baulderstone	
	X			Baulderstone	
	X		Refuse Sch.4 Part	A/Project Manager, GCRT	Refuse Sch.4 Pa
	X			Stakeholder Liaison Officer (GCRT)	
X				Project Manager, GCRT	
		X		Stakeholder Liaison Officer, GCRT	
X				Senior Communications Officer	
X				Communications Manager, GCRT	
		X		Senior Project Officer (Community and Social), GCCC	
X				Baulderstone – Minute taker	

Items for action	Resp.	By
1. Actions and Achievements <ul style="list-style-type: none"> Complaints were reduced this week from 13 to 7. No night works complaints were received, despite there being night works around Rosewood Avenue Part Refuse Sch.4 Part 4 s.6 Personal information The reduction in complaints can be attributed to measures put in place to accommodate the needs of residents, including cutting pipes at the beginning of the shift where possible. 	 NA NA	 NA NA
2. Planned activities/key impacts for following week <ul style="list-style-type: none"> North bound lane closure between Wharf Road and Remembrance Dr Installation of a work compound on the eastern side of the Highway on either side of Wharf Road (29/02) – t 4 s. to speak to the Backpackers about how this will affect them. Removal of right turn into Cannes Avenue Pavement works between St Kilda and Chelsea Avenues – t 4 s. to work with Chiang Mai and Jungle Cats restaurants to maintain access throughout the works 	 TP TP	 24/02 Ongoing

3. Update on sensitive stakeholders

<ul style="list-style-type: none"> • D’Arcy Arms – [redacted] has responded to claims that project works have [redacted] Part Refuse Sch.4 Part 4 s.6 • Alexander Apartments [redacted] to advise [redacted] se Sch.4 that night works will take place in the north from 11 March for 4 nights. • Jungle Cats Restaurant (Saffron) – The restaurant has a private function this weekend which we are working around. The restaurant will open for business on Wednesday 29/02 and have a grand opening on the 11/3. BPL is working closely with restaurant owner [redacted] h.4 Part 4 s.6 Perso to ensure access to his restaurant is maintained. Landscaping works are ongoing. The driveway works have been completed. • Fire Station – BPL is looking at temporary early warning mechanisms until the final design is installed. [redacted] 4 s. to continue to liaise with the fire station staff. The Fire Station has raised concerns regarding the northbound lane closure and will continue to monitor and advise [redacted] e Sch.4 if it causes them problems. [redacted] e Sch.4 to advise the Fire Department of the long term plans for SP Boulevard. [redacted] e Sch.4 to continue to use the following key messages regarding SPB: <ul style="list-style-type: none"> ○ Removal of right hand turn a temporary measure until BPL works complete ○ Information regarding long term plans for this intersection can be sort from GoldLinQ. • Via Appia – BPL/SMEC is continuing to resolve the issues with the driveway (which needs to be partially re-laid) and the block wall which shifted slightly during trenching works. [redacted] 4 s. is liaising with the Body Corporate who is satisfied with the action being taken. [redacted] Part Refuse Sch.4 Part 4 s.6 have claimed their property has cracks due to project works. A vibration monitoring report has been provided to the owners and BPL is considering their claim. • Blue Haven Palms – [redacted] Part Refuse Sch.4 Part 4 s.6 Blue Haven Palms, has complained about the stones in the street following the road being sealed. The street sweeper has since been through the street. • Mardi Gras – [redacted] Part Refuse Sch.4 Part 4 s.6 Personal information [redacted] 4 s. continuing to speak with them regularly. We currently have their front entrance closed with signs directing guests/visitors to the side entrance. Half of their driveway is currently closed due to drainage works. • Crowne Plaza [redacted] e Sch.4 continuing to keep the Crowne informed about works in the vicinity of the hotel. 	<p>[redacted]</p>	<p>NA</p> <p>24/02</p> <p>Ongoing</p> <p>Ongoing</p> <p>02/03</p> <p>Ongoing</p> <p>NA</p> <p>Ongoing</p> <p>Ongoing</p>
<h4>4. Project complaints and enquiries:</h4> <ul style="list-style-type: none"> • 34 contacts since last meeting (17/2 – 26/2), 13 for property works/driveways • 7 complaints received for: 2 vehicle damage, 2 road surface, 1 property damage, 2 property works, 1 water feeds, 1 bus stop. 		
<h4>5. Driveways/Property Works</h4> <p>– Driveways due to be completed are all low</p>		

<p>density dwellings and one-on-one consultations are being held with the following properties:</p> <ul style="list-style-type: none"> • Via Appia – There are concerns with the quality of 2nd driveway. BPL/SMEC currently investigating – likely we will need to replace 4/6 of the driveway. • Jungle Cats (Saffron) – Driveway is complete. Landscaping has commenced. • Sch.4 Part 4 s.6 Person – Owner’s concerns have been referred back to GCRT/Aurecon for review. GCCC doesn’t have an issue with gates opening outward, but they are not to be left open. GCRT to contact owner to discuss. • Chiang Mai – Driveway has been completed except for some small modifications to be completed over the next week. • MEC Café – Currently liaising with owners regarding landscaping which can proceed regardless of ramp works. • Club Surfers – BPL is working with SMEC to resolve the issue with the alignment of the tiling. • Upcoming driveways – Patching at Caltex and Britannia Sunset. Dates to be confirmed. • Alexander Apartments – t 4 s. advised that the driveway is to be a standard GCCC driveway and BPL will work with the Body Corporate regarding repairing the cracked pavers east of the driveway. t 4 s. to forward the design to 4 Part 4 s.6 Per as representative of the Body Corporate. Sch. to meet with se Sch.4 ISO to discuss the repair of the pavers which have been broken during our works. 	<p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>02/03</p>
<p>6. Parks</p> <ul style="list-style-type: none"> • Neddy Harper Park – Sch. has a GCCC plan of the area BPL can have within Neddy Harper Park. Sch. to send a copy of this plan to BPL to consider the area over which they will take control. 	<p>se Sch.4 24/02</p>
<p>7. GCRT matters</p> <ul style="list-style-type: none"> • Monthly reporting process – se Sch.4 to brief Refuse Sch.4 Part 4 regarding the outcome of the meeting to clarify reporting processes. 	<p>se Sch.4 Ongoing</p>
<p>8. SMEC matters – Nil</p>	
<p>9. CAPS to be approved by SMEC/GCRT - Nil</p>	
<p>10. CAPS to be prepared by fuse Sch.4 Pa</p> <ul style="list-style-type: none"> • Cannes Avenue access changes – removing the right hand turn will only affect residents of Cannes Avenue and Genoa Street. • March construction update. • Genoa St and Monte Carlo Ave road closures – drafts have been completed and will be updated closer to the works starting. • Project team is looking at temporarily removing the U-turn at Wharf Road and installing a temporary U-turn at Fern Street. A CAP will need to be prepared for this in the future. 	<p>se Sch.4 27/02</p>

Next Meeting: 8:00am Friday 2nd March 2012

Released under RTI - DTMR

GCRT Broadbeach Site Office Meeting Room
8:00am Friday 2nd March 2012

Present	Apol	Absent	Name	Position	Initials
X				Superintendent's Representative	
	X			SMEC	
X				Project Manager, Baulderstone	
	X			Construction Manager, Baulderstone	
X				Communications and Stakeholder Engagement Coordinator, Baulderstone	
	X			Baulderstone	
	X			A/Project Manager, GCRT	
X				Stakeholder Liaison Officer (GCRT)	
X				Project Manager, GCRT	
		X		Stakeholder Liaison Officer, GCRT	
X				Senior Communications Officer	
X				Communications Manager, GCRT	
X				Senior Project Officer (Community and Social), GCCC	

Items for action	Resp.	By
1. Actions and Achievements <ul style="list-style-type: none"> The work occurring between Wharf Road and Remembrance Drive on the western side of the highway involves heavy excavation in close proximity to high density residential properties. It is encouraging that no noise complaints have been received from local residents. This may be attributed to the fact residents were advised that we changed our work methods to conduct this work during the day under a slow lane closure, rather than at night. No complaints were received regarding the lane closure in this area. Surfers Paradise Backpackers management was advised of the installation of a compound at the front of the property and this has been well received. The managers are working with BPL to overcome access and waste management issues. 	NA	NA
2. Planned activities/key impacts for following week <ul style="list-style-type: none"> Refuse Sch.4 Part starts on Monday the 5/3 and will support Sch. on visits to property owners to discuss design works. First Avenue road closed 5am to 2:30pm for one week due to watermain installation) Sch. to ask the traffic control supervisor to ensure all signs in the area accurately reflect the current traffic conditions. A section of trees in Remembrance Park need to be removed to allow the bus shelter slab to be laid. Sch. has received previous advice from a stakeholder that the trees in this area are of significant importance. Sch. to 	All	Note
	All	Note
	se Sch.4	Ongoing
	se Sch.4	09/03

<p>send a marked up sketch to [Sch.] so he can ask GCCC if there is any reason why these trees cannot be removed.</p> <ul style="list-style-type: none"> • Pavement works are ongoing between St Kilda and Chelsea Avenues. [4 s.] [se Sch.4] Ongoing to continue to liaise with business/residents in this area. 	
<p>3. Update on sensitive stakeholders</p> <ul style="list-style-type: none"> • Jungle Cats Restaurant (Saffron) – The restaurant has a grand opening planned for 11/3. BPL is working closely with restaurant owner [refuse Sch.4 Part 4 s.6] [use Sch.4 Part 4 s.6] to ensure access to his restaurant is maintained during pavement works. Landscaping works are ongoing. The driveway works have been completed. • Fire Station – BPL continuing to look at the temporary early warning mechanisms until the final design is installed. [Sch.] will continue liaising with the fire station staff about progress on this matter. The Fire Station has raised concerns regarding the northbound lane closure and will continue to monitor and advise [Sch.] if it causes them problems. [4 s.] to advise the Fire Department of the long term plans for SP Boulevard at the next TMLG. • Mardi Gras – [Part Refuse Sch.4 Part 4 s.6 Personal information] about vacuum trucks working out the front of the property. [use Sch.4 Part 4 s.6 Personal information] we would decrease activity during the Bridge Convention. [Sch.] clarified that we weren't doing night works during the convention, but work would continue on all other activities with vacuum trucks starting from 8am. [Sch.] to continue to manage the Mardi Gras. • Crowne Plaza – [4 s.] advised the Crowne about saw cutting activities for water main works which would also involve closing First Avenue as per above. [Part Refuse Sch.4 Part 4 s.6] dealing with [Refuse Sch.4 Part 4 s.6] [Part Refuse Sch.4 Part 4 s.6] • Alexander Apartments – [4 s.] has not heard from [Part 4 s.6] following night works advice for 11 March. • Paradise Inn – [Part Refuse Sch.4 Part 4 s.6 Personal information] water damage due to a leaking ceiling. [4 s.] advised owners that as per our original agreement (which was provided in writing), their damage claim will be assessed at the completion of works. If they believe they need to make repairs in the mean time due to our works, they should send an additional claim for these repairs, including invoices. [4 s.] continuing to assess the property works requests and will advise BPL if these are approved. 	<p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p>
<p>4. Project complaints and enquiries:</p> <ul style="list-style-type: none"> • 35 contacts since last meeting (24/2 – 1/3), 5 for property works/driveways • 13 complaints received for: timeframes (1), blocked driveway (2), blocked drain (1), worker behavior (1), noise (3), fencing (1), signage down (1), damage to property (2), property works (1) 	
<p>5. Driveways/Property Works – Driveways due to be completed are all low density dwellings/businesses and one-on-one consultations are being held with the following properties:</p>	

<ul style="list-style-type: none"> • Via Appia – BPL still waiting for direction regarding corrective action to the driveway works. • Jungle Cats (Saffron) – Front garden is almost complete. An issue has arisen with the footing of the pillar sign which has held up completion. BPL currently waiting for a direction regarding the footing. Side garden will commence soon, along with footpaths. • Sch.4 Part 4 s.6 Person – Owner’s concerns still with GCRT/Aurecon for review. • Chiang Mai – Driveway complete, gates need to be reinstalled. use Sch.4 P continuing to liaise with the council regarding waste collection as driveway access changes. • MEC Café – Currently liaising with owners to have landscaping works signed off. We may not start this work until the ramp is resolved. • Club Surfers – BPL is still working with SMEC to resolve the issue with the alignment of the tiling. • Upcoming driveways – Patching at Caltex, Britannia Sunset and Yuen Central (Wok in a Box/Sushi Train). Dates to be confirmed. • Alexander Apartments e Sch.4 to forward the design to Refuse Sch.4 Part as representative of the Body Corporate. Sch.4 to meet with se Sch.4 also to discuss the repair of the pavers which have been broken during our works. 	<p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>09/03</p>
<p>6. Parks</p> <ul style="list-style-type: none"> • Neddy Harper Park – Boundaries of responsible parties to be defined se Sch.4 se Sch.4 to ask GoldLinQ to define the area of the park they wish to take over se Sch.4 to send final plan of area BPL wishes to control to t 4 s. t 4 s. to assist Sch.4 to respond to a complaint about Neddy Harper Park. 	<p>05/03</p>
<p>7. GCRT matters</p> <ul style="list-style-type: none"> • Traffic Updates se Sch.4 would like BPL to design and implement a procedure for advising GCRT/GCCC about traffic incidents. Sch.4 to organise a meeting with Sch.4 to discuss a mutually agreeable procedure. • Media – Sch.4 reported that the Gold Coast Bulletin will be doing a two-page spread on the project, focusing on early works. Sch.4 expects this to be positive. 	<p>Ongoing</p>
<p>8. SMEC matters – Nil</p>	
<p>9. CAPS to be approved by SMEC/GCRT - Nil</p>	
<p>10. CAPS to be prepared by NS/TP:</p> <ul style="list-style-type: none"> • March construction update. • Genoa St and Monte Carlo Ave road closures – drafts have been completed and will be updated closer to the works starting. 	<p>se Sch.4 09/03</p>
<p>Next Meeting: 8:00am Friday 9th March 2012</p>	

GCRT Site Office Meeting Room
8am - Friday 16 March 2012

PRESENT	APOLOGY	ABSENT	NAME	POSITION
		X	[Redacted Name]	Superintendent, SMEC
X				Superintendent's Representative, SMEC
	X			Project Manager, Boulderstone
X				Construction,
X				Comms & Stakeholder Engagement Coordinator, Boulderstone
X				Comms & Stakeholder Engagement Consultant, Boulderstone
X				Project Manager, GCRT
		X		Stakeholder Liaison Officer, GCRT
X				Communications Manager, GCRT
X				Stakeholder Liaison Officer, GCRT
		X		Senior Communications Advisor
X				Senior Project Officer GCCC

AGENDA	Who	By
<p>1. ACCEPTANCE OF 9 MARCH MEETING MINUTES</p> <p>Outstanding or in progress actions from previous minutes:</p> <ul style="list-style-type: none"> • [Redacted] to then contact [Redacted] to discuss repair of broken pavers. <ul style="list-style-type: none"> Ø On hold. [Redacted] is looking for further confirmation of driveway grade and design. Driveway to be surveyed and marked to show Body Corporate final design. [Redacted] to contact when finalised. • [Redacted] to send final plan of BPL's requirements for NHP. <ul style="list-style-type: none"> Ø Area needs further confirmation [Redacted] to investigate. [Redacted] advised of the GCCC preference to have canal side car parks for the public and park side car parks for workers. [Redacted] to ensure BPL plant and equipment is contained within the areas approved for BPL use. • [Redacted] to talk to TMC to identify where gaps may exist when reporting incidents <ul style="list-style-type: none"> Ø [Redacted] noted that [Redacted] will do this task. 	[Redacted]	<p>TBC</p> <p>23/03</p> <p>23/03</p>

<p>2. ACTIONS AND ACHIEVEMENTS</p> <ul style="list-style-type: none">• Asphalting works at the front of Chiang Mai and Jungle Cats proceeded without complaint<ul style="list-style-type: none">Ø Both restaurants chose to close for the Monday night that the driveways would be impacted despite there being side street parking and pedestrian access available.• BPL assisted D’Arcy Arms to close their driveways for St Patrick’s day<ul style="list-style-type: none">Ø Provided bunting and bollards and ensured mowing in front was carried out.• Feedback from site regarding a lady who commended site staff for handing her handbag into police after she left it on the bonnet of her car• Positive feedback regarding BPL’s monthly reporting. <u>see Sch.4</u> confirmed <u>Refuse Sch.4 Part</u> was “very pleased” with the report. <u>see Sch.4</u> asked if the CAPS used during the month could be included in next month’s report.• Positive reception from Wok in a Box/Sushi Train owners re driveway works<ul style="list-style-type: none">Ø Work to begin on driveways on Monday. Will contact again to make sure all is OK.	<div style="border: 1px solid red; padding: 2px;">see Sch.4</div> <div style="border: 1px solid red; padding: 2px;">see Sch.4</div>	01/04 19/03
<p>3. PLANNED ACTIVITIES/KEY IMPACTS FOR FOLLOWING WEEK</p> <ul style="list-style-type: none">• Traffic switch in the north<ul style="list-style-type: none">Ø Details to be determined and advised.• Driveway works at Sushi Train and Wok in a Box<ul style="list-style-type: none">Ø As discussed above• Water main installation at the front of the Backpackers to begin Monday 19/03• Design meetings to continue<ul style="list-style-type: none">Ø Meetings have been conducted with Alexander Apartments, Sapporo, MEC Cafe, Mardi Gras, D’Arcy Arms (off site with GCRT Team), River Bend re: driveway access <u>t 4 s.</u> to investigate options)Ø Meetings still to be held with First Ave, Britannia, Mantra, Sharon Woods.• Landscaping at Sushi Train<ul style="list-style-type: none">Ø Block being installed, followed by footpaths• Negotiation with Via Appia residents regarding new driveway<ul style="list-style-type: none">Ø <u>t 4 s.</u> meeting with residents to discuss.• Drainage installation over private driveway on north-western side of the GC Highway.	<div style="border: 1px solid red; padding: 2px;">fuse Sch.4 Part</div>	23/03 Ongoing

8. GCRT MATTERS <ul style="list-style-type: none"> • [redacted] requested that the anti-gawk screening be removed out the front of Jungle Cats but that high fencing remain in place. 	[redacted] use Sch.4 P	19/03
9. SMEC MATTERS <ul style="list-style-type: none"> • None raised. 		
10. CURRENT CAP'S (CAP #) <ul style="list-style-type: none"> • Cascade Gardens (15) • Trenching (16) • Surfers Paradise Boulevard (19) • Driveway works (22) • Armrick Avenue temporary closure (27) • Nightwork (28) • Northbound lane closure (29) • Cannes Ave (30) 	[redacted] fuse Sch.4 Pa	
11. UPCOMING CAP'S (CAP #) <ul style="list-style-type: none"> • Northern traffic changes – closure of Aubrey and Frederick Streets. • [redacted] to prepare and draft likely changes to Aubrey and Frederick once construction plans are finalised. • Genoa St and Monte Carlo Ave road closures (awaiting design) • [redacted] Document drafted. Waiting on final design. • Preparation of CAPS • [redacted] A discussion occurred regarding the pre-preparation and approval of CAPS to allow a quicker turnaround. It was acknowledged that due to the unique nature of the project, the sequence of works changes regularly, making it difficult to be specific about impacts too far in advance. However, BPL will endeavour to provide as much notice as possible to the GCRT project team. 	[redacted] fuse Sch.4 P	19/03
12. ANY OTHER BUSINESS <ul style="list-style-type: none"> • [redacted] confirmed line marking, concreting and balustrade for Paradise Inn had been approved. [redacted] to provide instruction to [redacted] • [redacted] agreed to relocate trees in the small garden in Remembrance Park so that bus bay can be installed. [redacted] to provide instruction. GCCC highlighted 5 other trees in the park (outside bus bay area) that are significant as they form the Southern Cross. BPL to protect these trees throughout the works. 	[redacted] use Sch.4 P	19/03 19/03

Next meeting to be held 8am Friday 23 March 2012 at Site Office.

GCRT Site Office Meeting Room
8am - Friday 23rd March 2012

PRESENT	APOLOGY	ABSENT	NAME	POSITION
		X	[Redacted Name]	Superintendent, SMEC
X				Superintendent's Representative, SMEC
X				Project Manager, Boulderstone
		X		Construction,
	X			Comms & Stakeholder Engagement Coordinator, Boulderstone
X				Comms & Stakeholder Engagement Consultant, Boulderstone
X				Project Manager, GCRT
		X		Stakeholder Liaison Officer, GCRT
X				Communications Manager, GCRT
X				Stakeholder Liaison Officer , GCRT
		X		Senior Communications Advisor
	X			Senior Project Officer GCCC

AGENDA	Who	By
1. ACCPETANCE OF PREVIOUS 16 MARCH 2012 MINUTES		
Agree previous meeting minutes:		
<ul style="list-style-type: none"> • Alexander Apartments <ul style="list-style-type: none"> ➢ Driveway grade and design meetings (refuse Sch.4 request for survey) ➢ Broken paver repair (refuse Sch.4) put on hold. • Neddy Harper Park use <ul style="list-style-type: none"> ➢ Area required by Boulderstone (refuse Sch.4 Pa) notification will need to be made. ➢ (refuse Sch.4) suggested putting gravel on road, due to weather conditions • Incident reporting <ul style="list-style-type: none"> ➢ (refuse Sch.4 Pa) advise of any gaps - • April construction update <ul style="list-style-type: none"> ➢ to be drafted ready for early distribution • (refuse Sch.4 Pa) confirmed line marking, concreting and balustrade for Paradise Inn had been approved, being done today, due to rainfall yesterday. <ul style="list-style-type: none"> ➢ (refuse Sch.4) to provide instruction to BPL. • (refuse Sch.4 Pa) agreed to relocate trees in the small garden in Remembrance Park so that bus bay can be installed. <ul style="list-style-type: none"> ➢ (refuse Sch.4) to provide instruction. GCCC highlighted 5 other trees in the park (outside bus bay area) that are significant as they form the Southern Cross. BPL to protect these trees throughout the works. – Drawing required with markup area for no go zone. 	<p>Ongoing</p> <p>Noted</p> <p>Closed</p> <p>28/03</p> <p>29/03</p> <p>29/03</p>	<p>Ongoing</p> <p>Noted</p> <p>Closed</p> <p>28/03</p> <p>29/03</p> <p>29/03</p>

<p>2. ACTIONS AND ACHIEVEMENTS</p> <ul style="list-style-type: none"> ➤ Completed one driveway at wok in a Box and Sushi Train without complaint. Second (Southern driveway) to continue into next week weather permitting. ➤ Quick fix of water outage which both were happy with. ➤ Helped Alexander Apartments prepare for painting by clearing area out and removing weeds in front garden. ➤ Negotiating north traffic switch to maintain business visibility over Easter break. (There will be no road closures prior to Easter). ➤ Worked closely with Backpackers to manage changes to access, bus parking, bin pickups as works occurred in front. Property. 	Noted	
<p>3. PLANNED ACTIVITIES/KEY IMPACTS FOR FOLLOWING WEEK</p> <ul style="list-style-type: none"> • Traffic switch in the north <ul style="list-style-type: none"> ➤ Line marking and development of work compound will begin. Main work and any intersection closures will not occur until after Easter. • Driveway works at Sushi Train and Wok in a Box <ul style="list-style-type: none"> ➤ To continue Southern driveway with footpath to follow after. • Footpath work – Chiang Mai will continue into next week. • Water main installation at the front of the Backpackers to continue. • Design meetings to continue <ul style="list-style-type: none"> ➤ No design meetings planned. • Landscaping at Sushi Train <ul style="list-style-type: none"> ➤ Block being installed followed by footpaths, due to be completed by next week. • Jungle Cats driveway – to be completed • Planning for future asphaltting and finalising of southern section including median kerb at Chelsea Avenue. 	Noted	
<p>4. UPDATE ON SENSITIVE STAKEHOLDERS</p> <ul style="list-style-type: none"> • Jungle Cats restaurant <ul style="list-style-type: none"> ➤ Working around property. Ongoing management for driveway works, due to begin early next week. • Mardi Gras sch.4 Part 4 s.6 Person BPL in regards to noise issues at front property, more so due to the weather and traffic conditions. • Crowne Plaza – Nil to report, no contact. • Alexander Apartments – Helped prepare for painting by clearing area out and removing weeds in front garden. • Fire Station <ul style="list-style-type: none"> ➤ Access and switch lights, refinements and planning. No longer a safety concern. • Wok in a Box <ul style="list-style-type: none"> ➤ Drive way works to begin. About 2 week’s worth of work. Also starting finishing works. • Sushi Train <ul style="list-style-type: none"> ➤ Southern works completed. Drive way works to begin. About 2 weeks worth of work • Backpackers <ul style="list-style-type: none"> ➤ Lots of activity in front of the backpackers and also on the old Anita Apartments lot. Backpackers are working well with BPL 	Use Sch.4 F	Ongoing

ongoing.		
<p>5. PROJECT COMPLAINTS AND ENQUIRIES</p> <p>30 contacts since last meeting (16/3 -22/3), 9 for property works/driveways.</p> <p>9 complaints received for: night works (2), traffic management (1), bus stops (1), construction impacts – water/Telstra outages (2), use of land (1), vehicle damage (1), noise (1), vibration (1), Neddy Harper Park (1).</p>		
<p>6. DRIVEWAYS/PROPERTY WORKS</p> <ul style="list-style-type: none"> • Driveways <ul style="list-style-type: none"> ➢ Wok in a Box/Sushi Train (Yuen Central) – Northern Driveway has been almost completed. Work to begin on Southern. Landscaping works to continue. Footpath to be laid. ➢ Via Appia – Testing trial has been done on Chelsea Ave. Highway entrance, deciding whether to re-pour the whole driveway. ➢ sch.4 Part 4 s.6 Person – with GCRT/Aurecon to resolves design issues is currently ongoing. ➢ Patching at Caltex – patching works and watermain test. ➢ Jungle Cats – small section of the undercover car park driveway has to be replaced. Sch. to negotiate timing with restaurant owner is ongoing. • Property Works <ul style="list-style-type: none"> ➢ Chiang Mai – finishing works ➢ Jungle Cats (Saffron) - landscaping works continuing ➢ MEC Café - landscaping sign off still to be secured, gas main issues ➢ Oriental Garden – All works at front have been completed, still awaiting decision from owner in regards to courtyard; ➢ Sapporo - landscaping continuing; ➢ Wok in a Box/Sushi Train – works continuing; 	Noted	
<p>7. CONSTRUCTION UPDATE</p> <ul style="list-style-type: none"> • A construction overview was provided by Dom. 		
<p>8. GCRT MATTERS</p> <ul style="list-style-type: none"> • Section of Australia Ave to be handed back to GoldLinQ by the 31/3. 		
<p>9. SMEC MATTERS</p> <ul style="list-style-type: none"> • Tuesday 27/3– police patrol required for Australia Ave. Outside peak hour times. 	Noted	
<p>10. CURRENT CAP'S (CAP #)</p> <ul style="list-style-type: none"> • Cascade Gardens (15) • Trenching (16) • Surfers Paradise Boulevard (19) • Driveway works (22) • Armrick Avenue temporary closure (27) • Nightwork (28) • Northbound lane closure (29) • Cannes Ave (30) 	use Sch.4 P	

<p>11. UPCOMING CAP'S (CAP #)</p> <ul style="list-style-type: none"> • Northern traffic changes – closure of Aubrey and Frederick Streets. CAP #31. <ul style="list-style-type: none"> ➢ Draft being developed – will forward to GDCRT on finalisation of the dates. Hopefully provide to GCRT before the end of the day. • Genoa St and Monte Carlo Ave road closures CAP#30 (awaiting design) <ul style="list-style-type: none"> ➢ Document drafted. Waiting on final design/testing and work plan. 	<div style="border: 1px solid red; width: 40px; height: 40px; margin: auto;"></div> <p>e Sch.4</p>	<p>26/03</p> <p>Ongoing</p>
<p>12. ANY OTHER BUSINESS</p> <ul style="list-style-type: none"> • e Sch.4 P confirmed line marking, concreting and balustrade for Paradise Inn had been approved. e Sch.4 to provide instruction to BPL. • e Sch.4 agreed to relocate trees in the small garden in Remembrance Park so that bus bay can be installed. e Sch.4 to provide instruction. GCCC highlighted 5 other trees in the park (outside bus bay area) that are significant as they form the Southern Cross. BPL to protect these trees throughout the works. • Requesting to change Friday's meeting from 8am to 9am. All agreed. *Note request to maintain 8:00am meeting for the coming meeting received on Wednesday 28 March. 	<div style="border: 1px solid red; width: 40px; height: 40px; margin: auto;"></div> <p>e Sch.4</p> <p>Agreed</p>	<p>26/03</p> <p>26/03</p>

Next meeting to be held 9am Friday 30th March 2012 at Site Office.

Released under RTI/OTMR



BAULDERSTONE

Monthly Report
November

Gold Coast Rapid Transit – Broadbeach Roadworks
Contract Number PID10-111

Released under RTI - DTMR

Rev #	Description of change	Prepared by	Date
1	Client submission	Refuse Sch.4 Part 4 s	05/11/2011

Approved for use:

Name	Position	Signature	Date
Refuse Sch.4 Part 4 s	Contractor's Representative		05/11/2011

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Progress Photographs



Figure 1: Looking South St Kilda Avenue at the base of photo



Figure 2: Pavement preparation works at Chelsea Avenue (to be open for Christmas)



Figure 3: Pavement Preparation works in front of Mardi Gras

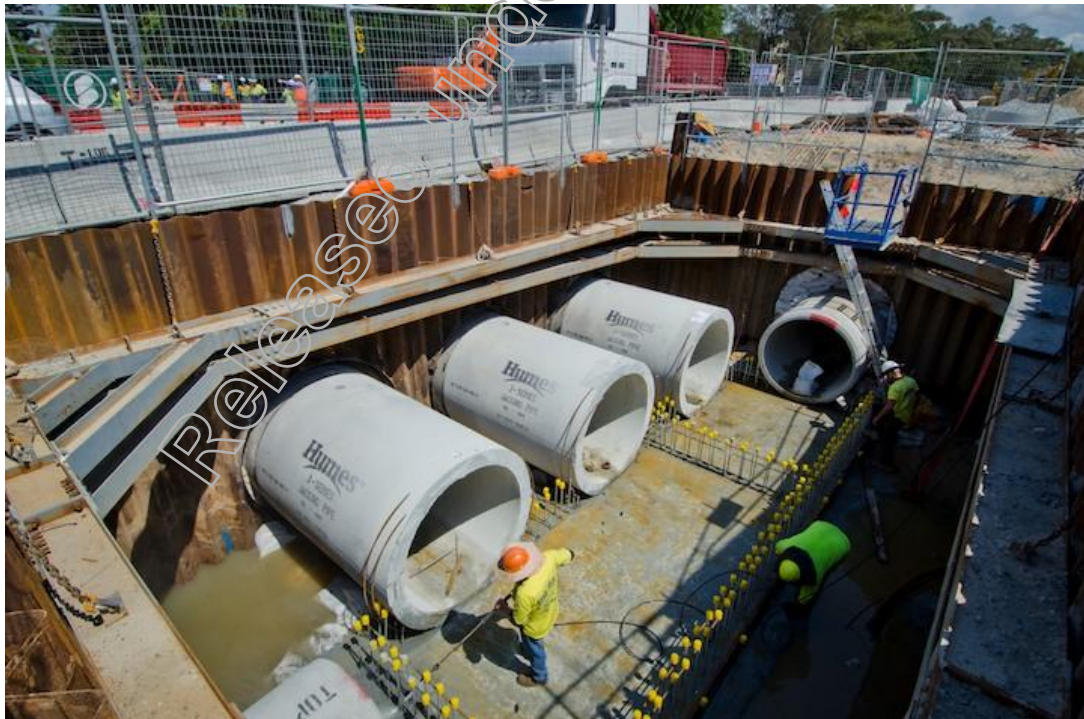


Figure 4: Inlet Pit Works at Britannia Avenue



Figure 5: Sheetpiling in Progress at the S11 Sewer



Figure 6: Completed Asphalt works at Cascade Gardens



Figure 7: Energex works at Aubrey St

Released under RTI - DTMR

Executive Summary

General

In November the site team has continued to build momentum gathered in October. New members of the site team have merged well into the existing Project team who continue to perform.

There was resolve in two key areas of delay in November. The first was authorisation from Allconnex to allow an extended shutdown of existing infrastructure at the Southern end of the Project. This shutdown permits the concurrent construction of watermains WD1 and WD2. The second was receipt of a revised design for the S11 sewer. The S11 is located at Britannia Avenue and is the critical driver for Southern Works completion. Up until receipt on the 22nd November, the program was extending on a day-for-day basis.

An identified risk that has developed as a result of the focus on works in the South is the relegation of priorities in the North. Whilst this meets the Project's immediate objectives, the project team needs to maintain focus on the overall prize. There are several key areas, notably the watermains in the north, which require design resolution and have the potential to impact program in the future if not resolved.

Program

The program has been heavily scrutinised over the past month with several workshops convened to discuss the program evolution and accuracy. Appreciated by Boulderstone is the Client's position in regard to the staged Project handover and the part Boulderstone must play in achieving these milestones.

Two critical paths are in effect on the Project with one each for the North and South.

The accepted 'must complete' date for the South is 31st March. The Boulderstone program has been amended to reflect this date with an allowance of 11 days float that spans from the end of the final activity on 15th March through to the 31st March. Communicated in the program workshops is the fact that the construction program is extremely tight and has neither contingency for delays nor any allowance for increased scope. The program is heavily compressed and requires the successful interaction of concurrent construction activities to achieve milestone dates.

The program in the North currently shows a completion date of 24th June. This date is driven by Telstra. Following agreement with the SMEC and GCRT modifications will be made to the construction program to remove Telstra from the critical path. The modifications involve decreasing Telstra jointing durations such that Boulderstone works will drive the critical path. It is expected this will bring the Northern Works Area completion back to late May.

Commercial

Not Relevant

Relationships

There are comments raised in the Monthly Health Check Survey that require further discussion at the monthly PLG meeting. Evident in comments is disharmony between on and offsite personnel that appear to be borne from the frustration over the inability to complete works as planned.

Generally the onsite project team is working well with an obvious focus on 'best for project' outcomes. Morale through the team generally remains positive.

Released under RTI - DTMR

Progress of Work

Project Overview

Construction progress in November has improved, though the absence of a real quantity of float on many schedule activities means that any delay to a works item could have an impact of the handover of the southern area of the project prior to the end of March.

The key milestones before Christmas are currently tracking:

- Completion of WD1 watermains before Christmas – Installation on track, commissioning is behind though likely to be in early New Year. This is not expected to delay the subsequent stormwater works.
- Completion of sewer S11 before Christmas – On track (will double shift to make up some lost time caused by design of sheet piles)
- Stormwater Pits 2/9 and 3/9 – On track
- commencement of 2x1200 stormwater – Slightly behind, though it is only expected to have the first pipes out of pit 3/9
- Completion of 2x600 stormwater into Australia Ave – On track

The number of crew's onsite has been maintained with the completion of most of the Telstra/Energex works meaning these crews commencing demobilisation have been offset by the increase in water/sewer and stormwater crews. Traffic management for the month is averaging 6-8 crews per day (both day and night shift) with these works under traffic expected to continue up to the end of March.

There is still considerable concern through the project team that the continuing issues relating minor onsite issues requiring lengthy design will generate considerable pressure on the site teams. The pressure on the site teams is currently increasing with the management of the site team focusing on maintaining the momentum of works all the way to the Christmas break. The site team will be spending considerable time in December to ensure that the momentum built up in November will extend beyond December into January.

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Progress Status Commentary

Physical works are described below:

Planned Activities	Impacts
Sewer and Watermain works	<p>Sewer and watermain installation continues to drive the program for the handover of the southern zone before the end of March. Critical to allow this is the completion of Sewer S11 and Watermain WD1 which both allow for over 50% of the remaining stormwater in the southern area.</p> <p>WD1 watermain has been progressing slower than expected, though the subsequent stormwater activities have commenced as per program where the watermain and stormwater crews are operating in a single area under close coordination.</p> <p>There has been an increase in water and sewer mains from last month with an additional:</p> <ul style="list-style-type: none"> • 6 sections of watermain with minimum cover • 1 section of sewer rising main under line 8 • 1 section of watermain behind inlet pit on line 7 <p>All parties (Boulderstone, SMEC, GCRT, Aurecon, Allconnex and Subcontractors) are working hard to minimise impact of the additional scope however the potential for delays is a real risk to program given the complex nature of the additions.</p> <p>Of notable impact is the revised design of highway crossings as part of W7 and W9. As a result of clash analysis these lines are now at an increased depth over 3m which will require re-evaluation of the proposed construction methods.</p> <p>Currently there are 5 crews' onsite performing installation works, though design clashes on watermain W11 and sewer S7a have meant that these crews have been redeployed to assist in other key areas creating 24hr shifts</p> <p>Refer to PUP section for breakdown of these works.</p> <p>The interface with Allconnex continue to be an unnecessary hindrance to general onsite issues however it is noted that this interface appears to be improving with further defining of the Allconnex scope.</p>

Stormwater drainage (SWD)	<p>Stormwater drainage works continued in November on Lines 7, 9 and 14 and also commenced line 8.</p> <p>Construction of the major outlet structures (headwall, pits 2/9 and 3/9) is advanced and is expected for full completion before Christmas. Work has also commenced on the line 9 connection into Australia Ave with sheet piling installed at the end of November.</p> <p>Issues that has prevented the planned progress:</p> <ul style="list-style-type: none"> • Slow progress of WD1 watermain • The gradual resolution regarding crossing of the 110kV line with Line 8 stormwater design still outstanding • Generally slow resolution of stormwater clashes with the requirement to work through calculated analysis processes on an almost daily basis. <p>Of concern is the now compressed nature of the stormwater program which is resultant of delays to the design & construction program. The vast majority of activities are now deemed as critical given they exist on the construction program with less than 10 days float.</p>
Telstra works	<p>Brisbane Directional Boring has three crews onsite with the third a pit building crew assigned to the corner of SPB and Thornton St.</p> <p>Civil works have continued through November with all civil works having taken longer to complete and targeted for mid December.</p> <p>Three jointing crews remain onsite. Jointing is not proceeding at the previously programmed rate.</p> <p>Telstra have for the first time committed to completion dates for cable jointing with:</p> <p>South east and south west by 18th December 2011</p> <p>North east and north west between 4th and 18th May 2012</p> <p>Priority needs to be spent on the removal of their conflicting asset to allow subsequent works to commence.</p>
Energex civil works	<p>Energex commence onsite in late November to commence the second stage of their works, undergrounding of the northern half of the project.</p> <p>The Boulderstone team has worked well coordinating these works with Energex ensuring that access dates are met (even with additional scope identified onsite by the Energex team).</p> <p>It is expected that by the end of December that the only Energex works onsite will be for:</p> <ol style="list-style-type: none"> 1. Removal of existing (decommissioned) overheads in the northern half of the project 2. After Telstra infrastructure has been removed, the construction of 3 Energex pits and the realignment of the temporarily diverted banks both in the southern half of the project.

Property adjustment works	<p>The extent of the property works have been defined along the entire length of the project, with final negotiations continuing with designers and residents.</p> <p>Final designs still being negotiated remain as per last month for the Crown Plaza.</p> <p>Verge finishing works (footpaths and landscaping) are now just waiting for the completion of the PUP works</p>
Traffic Management	<p>The only traffic realignment in November was the adjustment of Gold Coast highway and Surfers Paradise Blvd intersection to remove the bus only right hand turn. This adjustment has allowed the Energex and Telstra works to commence in these areas under manageable traffic management.</p> <p>Works have continued to progress in November to allow the following changes in November:</p> <ol style="list-style-type: none"> 1. Opening of Chelsea Ave 2. Realignment of GC Hwy Northbound outside Cascade Gardens

Information Flow and Timeliness of Decisions for Work under the Contract

Design Status

Design issues and prioritisation meetings continue to be held weekly with representatives from the key parties involved in identifying, statusing and prioritising design packages and issues. While the number of outstanding issues is starting to reduce, resolution of the key issues are still not always meeting the targets set. A copy of the updated Design Priorities Register is included as Appendix B. Refuse Sch.4 Part 4 (BPL) refuse Sch.4 Part 4 (SMEC), Refuse Sch.4 Part 4 (GCRT) and Refuse Sch.4 Part 4 (Aurecon) have assumed the respective lead roles.

The release of PUP and inground services design packages is nearing completion with the remaining packages being designs required on the north eastern verge (Watermain and Stormwater). It is expected that all these designs will be completed and issued for construction prior to Christmas. In December the outstanding design items are likely to revolve around the property accommodation works, with Driveways, additional accommodation works (e.g. Crown Plaza) and finishing works being the main packages that are required to be resolved.

During November there have been instances of design packages from GoldlinQ requiring interface into RWS designs. These have mostly been resolved, there has been added complexity to the existing works and a delay in one case where Telstra could not progress north of Thornton as per original plan and subsequently were put back another week to allow the Energex crews through to maintain the undergrounding program.

It is anticipated that beyond Christmas that the design issues on the project will focus on discrete clashes or constructability issues of which SMEC and Boulderstone will mostly resolve onsite. While these design issues are minor in their extent, given the complexity of the program of works, any issues that cannot be resolved in a short turnaround is likely to have an impact on the program of works. Of key concern:

- Ability of SMEC to resolve onsite water/sewer design issues without the interference of Allconnex
- Further integration or interfaces of GoldlinQ design packages with RWS.
- Constructability of the remaining inground PUP designs that are being issued.

A copy of the Design Priorities Register is provided as Appendix B

RFI's Raised / Responded

The number of RFI's raised is starting to plateau with 34 individual RFIs opened in November. Of these 10 are reported as closed. Of the open RFIs a proportion of these are ready to be closed off and a number have been consolidated into single design resolution item.

PUP Management and Interfaces

PUP continues to drive the construction program with watermains in the South and Telstra in the North.

The interface with Allconnex has improved in the second half of the month with as the works transition from design into construction. Assisting this interface has been the clearer delineation of Allconnex responsibilities in regard to design endorsement and construction audit supervision.

Key Areas where intervention has achieved resolution are;

- i) Weekly meeting with Allconnex personnel at which network staff are in attendance. This has assisting with scheduling of shutdowns.
- ii) The contracting of Allconnex preferred subcontractor NTS to complete main tie-ins and various miscellaneous water and sewer works. NTS are operating under the direction of Allconnex with Baulderstone facilitating payment. To-date this arrangement has had a positive effect on the project with NTS able to complete pre-tie-in works identified during the weekly meetings
- iii) The resolution of the concurrent construction of WD1 and WD2 cannot be understated. An early start to WD1 means that this watermain will be in the ground prior to Christmas, up to 4 weeks ahead of where it would have been otherwise.
- iv) SMEC intervention in providing RPEQ certified modifications to the design where site constraints have required minor changes. This process minimises the extent of the delay given that Aurecon and Allconnex endorsement is not required to continue installation.
- v) Encouragement of Subcontractor involvement in the design verification process to review on the grounds of constructability
- vi) The assignment of Baulderstone foreman Refuse Sch.4 Part 4 to drive onsite construction of subcontract crews Part 4 s.6 sole responsibility is the water mains and sewers with a focus on production.

Resolve of the design clash issues on the watermains in the south has been consistent with Refuse Sch.4 Part 4 (Aurecon) working tirelessly. The concern does exist however that with the focus on the south that mains in the North have been left largely unattended. This has the potential to create a sense of déjà-vu in the coming months as the water main crews move into the North.

A table detailing the status of the water mains as of 30th November is detailed below.

Name	Location	New/existing scope	Have Endorsed Design (Yes / No)	Status of Design	Comments
W1	Surfers Paradise Blvd	Existing scope	N/A	Deleted	
W1B	Surfers Paradise Blvd	New Scope	N/A		Remembrance Dr alignment adjusted to design out watermain relocation
W2	Remembrance Dr / Gold Coast Highway	Amended Scope	No	With Aurecon	Connection points under design. NTS to expose when available
W3a	First Ave	New Scope	No	With Aurecon	
W3b	Second Ave	New Scope	No	With Aurecon	
W3 (Nth)	Eastern side of Highway Wharf Rd to Aubrey	Existing	No	Awaiting Design	
W3 (Sth)	Eastern side of Highway Wharf Rd to First	Existing	Yes	Received	Construction on hold awaiting removal of Energex Pole 24 th January.

Name	Location	New/existing scope	Have Endorsed Design (Yes / No)	Status of Design	Comments
W7	GC Hwy/Cannes	Existing	No (connections on Hold)	Awaiting Full Design	With Allconnex for Endorsement
W9	GC Hwy/Monaco	Existing	No	Awaiting Design	With Aurecon. Still to go to Allconnex for Endorsement
W10	Western side of Hwy	Existing	Yes	Yes	Connection points still to be designed.
W11	Western side of Hwy	Increased Scope	Partial (some sections outstanding)	Partial issued, some areas have conflict or extended scope	Endorsement received 22 nd Nov. Design clashes at Monte Carlo and Cannes Ave to be resolved and extension into Neddy Harper Park to be endorsed
W12(recycled)	Britannia	New Scope	Yes	Yes (In Aug)	Installed, awaiting connection. Connection points being finalised.
W16	DN32 Crossing Hwy at Chelsea Ave	New Scope	Yes	Issued	
W17	DN100 SV off DN375 First Avenue	New Scope	Yes	Issued	
W18	Hydrant near Chelsea	Existing scope	Yes	Issued	Installed
WD1	St Kilda to Rosewood	Increased Scope	Yes	Yes (In Aug)	Approval to Proceed provided by Allconnex 16 th Nov Commenced. Due for completion late December
WD2	St Kilda to Rosewood	Increased Scope	Yes	Yes (In Aug)	Due for completion early December
No ID	DN225 Recycled at Britannia	New Scope	Yes	Yes (In Aug)	On hold. Tie-in points being resolved (this is connected with W12 design)
No ID	DN 250 Crossing Britannia	New Scope	No	No	This will be a reinstatement of the existing. Design required, though this will be a NTS reinstatement under Allconnex direction
No ID	DN375 Crossing Britannia	New Scope	Yes	Issued	
No ID	DN150 Aubrey to Thornton St	New Scope	No	With Aurecon	
No ID	DN375 Crossing Australia	New Scope	Yes	Issued	
Numerous	Cover to existing mains	New Scope	No	Incomplete. Awaiting sketch information from Aurecon / Allconnex	Unknown Scope to be defined in areas where insufficient cover may exist to existing mains
SEWER					
S7a Sewer	Western Side of Hwy	Existing	Yes	Partial (less connections)	Waiting finalised outlet design endorsement. Sections of the design clashing onsite, SMEC minor design
S11 Sewer	Britannia	Existing		Received	Verbal Endorsed design received 22 nd November. Commenced construction 23 rd November

Telstra civil works installation will be complete by mid-December with the last section of infrastructure being the crossing of Remembrance Drive.

Telstra are continuing with jointing in the North and South however progress remains largely unknown with program forecasting based on sporadic figures generated by Telstra. It is anticipated with the introduction of GCRT's Niel Adams into more of a site based role that accurate accounts of production and forecasts will be sent through on a regular basis.

In late November the following changes were agreed to be made to the construction program. The agreement is held between Boulderstone, SMEC and GCRT regarding how Telstra works are detailed in the program and involves;

i) In the South;

- Telstra to complete jointing and removal of existing cabling in the south-east prior to Christmas. Fulfilment of this target will facilitate an early start to removal of redundant civil infrastructure which consequently gives way to Energex Pit construction.

ii) In the North;

- Decoupling all works associated with jointing and removal of redundant infrastructure on the North Western side from similar activities on North Eastern side.
- Reducing the overall duration assigned to jointing activities in the North East by an amount that forces the transfer of the critical path to Boulderstone driven activities

efuse Sch.4 Pa has discussed the changes to the program with Telstra and early indications are that the revised targets are achievable. The inherent risk in this approach is that for one reason or another Telstra is unable to achieve the new target dates which will consequently return Telstra works to the critical path.

Incorporated in the Rev 06 construction program is a forecast for the jointing which is reflective of the progress achieved over the past three months and the associated program position of the civil works crews. Adopting this approach has the dead jointing complete in early March 2012 and live jointing complete and late April 2012.

Energex remobilised to site on 28th November as programmed and will commence hauling cable in early December. The target for Energex works in the North is the commencement of pole removal in late January.

Commercial and Contractual

Not Relevant

Not Relevant

Extensions of Time

Not Relevant

Predicted Final Contract Valuation

Not Relevant

d

Performance against KPI's

KRA	Value	Anticipated	Achieved
Program – Overall	100	80 points for achieving PC expected	
Program – Club Surfers Separable Portion	20	20 points achieved for Club Surfers	20
Local Industry Participation Plan	80	75% of 20 points expected for use of local industry based on current percentages	
		90% of 20 points expected for achieving training over and above 10% policy	
		100% of 5 points expected for employing and up-skilling local youth	5 Natalie Duncan-Tibby employed as Receptionist/Document Controller and is now taking being trained in Commercial responsibilities
		100% of 5 points expected for employing cadet engineers	5 Lachlan Knight (Griffith Uni Student) commenced on site 27 th June
		50% of 30 points expected for surveying successful and unsuccessful contractors	
Community	100	75% of the 100 points expected for the management of the community based on current response rates.	
Relationship between the parties	100	75% of 100 points expected based on current reporting and inter relationship between the parties.	
Total	400		30

QA (Quality of works completed and documentation)

Document Register

The table below has been updated to show only the drawing register in relation to Aurecon design drawings for the GCRT project. Some drawings are being issued 'for information only' allowing Boulderstone to understand the intent of what the design will be, though given uncertainty and the historical unreliability of unendorsed documents, it is not possible to order material given the likely chance the design will change again.

Revision Status	FC	FI	FT	Total
Count of Documents	543	157	293	993

Process Control Plans / Inspection and Test plans (PCP/ITP)

ITP's continue to be populated into Civil Pro. Reviews have been performed by both Boulderstone and SMEC. The approval of each ITP is still processed through Project Centre using an electronic signature. ITPs submitted this month:

- End Structures to Culverts
- Landscaping - Ground Preparation
- Landscaping – Turfing
- Landscaping - Planting Bed Edging
- Landscaping - Irrigation
- Landscaping - General Approvals
- Landscaping – Mulching
- Rock Protection
- Landscaping - Planting

Construction Lot (status table as at date)

The current construction Lot Register can be seen in Appendix C.

No. of Lots Opened in Period	No. of Lots Conformed in Period	No. of Lots Guaranteed in Period	Total Open	Total Conformed	Total Guaranteed	TOTAL
32	47	57	61	476	170	707

Non-Conformance Report (NCR) (status table as at date)

Non-conformance reports have been issued for 19 lots across the project during the period. The NCR's released were of minor cost and as such there has been no requirement to include in Boulderstone's internal Quality Exchange (NCR's over \$5,000.00). The current NCR register can be seen in Appendix D.

Corrective Action Request (Contractor internal CAR)

No CARs issued for the month.

Corrective Action Request (Superintendent initiated CAR)

2 CARs issued to date.

QA activities

Boulderstone are currently operating under Revision 8 of the Project Quality Plan.

Community and Stakeholders

General

The Communications and Stakeholder Engagement (CSE) team continues to meet with residents, businesses and property owners regarding active and planned property works and monitors and responds to community concerns regarding project activity.

For the month of November, activities and resources continued to be concentrated on communications with businesses and residents regarding property works and gaining access to complete the works; trenching across driveways; night works at various locations across the project; and liaising with service providers such as Telstra, Energex and Allconnex Water to ensure stakeholders were kept informed of activities while Baulderstone worked in unison with these providers.

A considerable amount of time was also spent negotiating property access around the Chelsea Avenue area, and on the Gold Coast Highway at the Surfers Paradise Fire Station, while pavement works were conducted.

On 18 November, Councillor Eddy Sarroff held a media event at the front of the Mardi Gras resort. This was attended by representatives from Baulderstone and the Client and aired on NBN the same evening.

The project reduced works around the Crowne Plaza between 21 and 28 of November. This was based on a request from the Crowne Plaza's Refuse Sch.4 Part 4 s.6 Personal information and with the approval of the Client. Baulderstone's Project Manager also met with Refuse Sch.4 Part 4 s.6 Personal information during this exclusion period.

Baulderstone liaised with residents of Aubrey Court and the D'Arcy Arms hotel to negotiate exclusion zones around the demolition of Holiday North.

The landscaping arrangements, to beautify the site during the Christmas Holiday period, were presented to local businesses. This information was well received.

Ongoing communications occurred with the following properties regarding accommodation, landscaping and signage works:

- D'Arcy Arms
- Club Surfers
- Alexander Apartments
- Gold Coast Vet
- New Saigon
- Retail outlets in Aubrey Street
- 2932 Gold Coast Highway
- Oriental Garden
- Sushi Train/Wok in a Box
- Chiang Mai Thai

Communication Action Plans (CAPs)

CAPs are being developed/reviewed for:

CAP 07: Closure of Genoa Street and Monte Carlo Avenue

CAP#27 Traffic Switch South of Second Ave

CAPs were implemented for:

CAP 16: Trenching – Notification Two as required

Calls and Complaints

A total of **244 stakeholder "events"** were recorded on the Broadbeach Roadworks project for the month of November. This is an increase of 55 from the previous month.

Each event may include more than one issue. The issues covered during November, and the number of times they were covered, can be seen in Table 1.

Of the total events, **41 were complaints**. Table 2 shows the issues prompting these

complaints.

Table 1 Event issues (Number of times each issue was covered)

Issue		Issue	
Access	77	Outside project scope	7
Complaint	41	Noise	6
General Traffic Management	37	Driveway Works	6
General Construction Enquiry/update	28	Loss of business / compensation request	6
Timeframes	25	Fencing	5
Water	17	Signage	5
Energex	16	Fencing	5
Night works	14	Vibration	4
Telstra	13	Bus Stops	4
Landscape/Urban Design	13	Boulderstone agreement with stakeholder	4
Accommodation Works	12	Landscaping	4
Distribution	8	Vehicle	3
Sewer	7	Other	44

Table 2 Complaint Issues (Number of times each issue was covered)

Issue		Issue	
General Traffic Management	8	Fencing	2
Water	7	Environment	2
Timeframes	6	Bus Stops	2
Night works	5	Dust	1
General Construction Enquiry / update	5	Worker Behaviour	1
Access	5	Thank you/compliment	1
Noise	5	Loss of business / compensation request	1
Telstra	3	Out of Hours Noise	1
Landscape/Urban Design	3	Vehicle	1
Road surface quality	2	Street lighting	1
Vibration	2	Design issues	1
Energex	2	Other	5
Accommodation Works	2		

Traffic

Traffic management and planning has been undertaken to a very high standard to date with a close working relationship with SMEC and the traffic stakeholders to ensure that the roles and responsibilities are understood, information is transferred efficiently and decisions made promptly.

Recent changes to the traffic arrangements on the Gold Coast Highway include:

- Closure of Northbound Right hand turn and Southbound left turn at Surfers Paradise Boulevard (northbound right turning bus movements were temporarily permitted until Translink rerouted services to run on Remembrance Drive.)
- Weekend Closure and reconfiguration of Monaco Street Intersection (to construct full depth pavement)
- Reopening of Wharf Street to traffic

Recent traffic related activities have included:

- A review of the U-turn access arrangement with regard to the removal of the U-turn at Surfers Paradise Boulevard (the review recommended that the facility could be made available to the public but that this only be made publicly available to the properties on the western side of the GC Highway north of Cannes Ave, as significant traffic volumes using this access could cause capacity and safety issues)
- A review of the driveway and sight distances at River Bend apartments, following an incident involving a resident exiting the driveway and losing control of the vehicle. The review found that the current sight distances are equal to or exceed the sight distance that will be available in the final design. The original design of the property driveway and parking arrangements was found to be undesirable but not necessarily a significant safety issue.

Upcoming changes to the traffic arrangements on the GC Highway include:

- Reopening of compounds in the southern portion of the works during the holiday season to provide on street parking and improve access and visibility to businesses
- Realignment of the Northbound lanes in the southern section of the project between St Kilda and Second Avenue (on final alignment).

Local Industry Participation

Procurement continues to be in accordance with the Local Industry Participation Plan (LIPP). The following table reflects the letting performance undertaken to date which does not differ from the previous month due to the minimal amount of contract works able to be undertaken during the period:

Total Project Value	\$42m				
	Amount	%		Number	%
Total Value of contracts let to date	\$28.35m (\$24.32m)*		Total number of contracts let	48	
Value of contracts let within GCCC local government area	\$18.95m	72% (76%)*	Number of contracts let within GCCC local government area	32	66%
Value of contracts let outside GCCC local	\$ 8.9m*	29%	Number of contracts let outside GCCC local	14	31%

government area but within Queensland			government area but within Queensland		
Value of contracts let outside Queensland	\$ 0.5m	2%	Number of contracts let outside Queensland	2	4%

*indicates the figures when the exclusions of materials that could not be sourced from GCCC local government area is factored, and includes:

- Precast stormwater drainage components \$1.7m
- Traffic signal equipment \$0.68
- Water and sewer pipe work \$1.5

Team Resources and Cooperation

Staff and Subcontractors

During November there have been further additions to the 6 staff added in October. The additions are required to ensure appropriate resources are available to cope with the increasing program demands that have developed due to the receipt of late design and clash analysis. The compressed nature of the program requires work to progress on far more fronts than originally planned. New staff are;

- Project Engineer -
- Site Foreman -
- Project Engineer -
- Cadet Engineer -

Part Refuse Sch.4 Part 4 s.6 Personal information

Part Refuse Sch.4 Part 4 s.6 Personal information the project is also fortunate to have the services of Senior Project Manager Part Refuse Sch.4 Part 4 who will assist the project team to meet program objectives.

Relationship between Principal / Superintendent / Contractor

The relationship throughout the site team remains positive with members working well together. Noted in the responses to this months' Health Check Survey is the apparent disharmony between on and off site personnel. There are comments made regarding the lack of communication flowing through to the wider project team. There appears to be underlying tone through the wider project group that the site team is consistently underperforming.

It is suggested that the feedback provided in the November Health Survey are discussed at the December PLG meeting.

Below is the summary result of the November Health Survey with backup information provided in Appendix E.

**GCRT Roadworks - South Project
Relationship Assessment Forms
November 2011**



Safety

Leading up to Christmas the focus is on thinking about the work and how it can be performed. Workers are asked to step back and think about their Tasks.

All major Subcontractors making a presentation to the Workforce at the Toolboxes on how they will be make their workfaces safe.

Mates in construction have been asked to make a presentation to the workforce on the high levels of Suicide over the Holiday period.

Incidents

There were no LTI's, or MTI's

The following incidents occurred and have been investigated:

- 06/11/2011 An operator delivering an excavator failed to close the rear gate of the truck and it swung out connecting the back tray of a parked truck, there was no damage caused.
- 08/11/2011 A Traffic Controller was walking on an existing concrete pathway and rolled her ankle she was taken to the medical centre and then given light duties before being given clearance to return to work on full duties.
- 10/11/2011 Whilst conducting an excavation to lay a 250mm dia Sewer Main contact was made with an empty Telstra conduit was made. The damage was repaired on the same day.
- 15/11/2011 Operators were boxing out the intersection of Chelsea Avenue and the Gold Coast highway and struck a 50mm water service feeding a local business. The damage was repaired immediately.
- 17/11/2011 A backhoe and ute were parked in close proximity on the site, as the backhoe turned to leave the area the back bucket contacted the ute bonnet causing minor damage to the Subcontractors ute.
- 27/11/2011 BDB (Telstra Subcontractor not contractually obligated to the Project) were excavating in preparation for laying Telstra conduits and struck a property water feed.
- 30/11/2011

Part Refuse Sch.4 Part 4 s.6 Personal information

Safety Statistics and Notices

	Hours Worked			Total
	Staff	Labour	Subcontract	
To End of November	68,589	12,375	98,427	179,391
Total Nov	7,620	2,141	21,939	31,700
Total to Date	76,209	14,516	120,336	211,091
Telstra Cable Haulers **				15,360
				226,451

**Telstra Hours are approximate only and waiting on confirmation

LTI's 0

MTI's 0

FAI's 2

Inductions

Total inductions to date: 1,274

November inductions: 104

Safety Initiatives

There has been an ongoing commitment to training with the following courses being undertaken by a broad spectrum of staff.

- Confined Space Training
- First Aid Certificates
- Electrical Spotter Training
- Level II Traffic Control 7 Staff members completing Practical component
- Fire Warden training
- Manual Handling
- Diploma in OHS
- Utility Services Location
- Cert III Construction of Road Maintenance
- Level II Traffic Control

Trialling the In cab Spotters alarm has proceeded with Shamrock

The Broadbeach Police conducted a Road Safety presentation prior to Easter focussing on speed, alcohol and various infringements.

efuse Sch.4 Par has conducted a Traffic Management awareness presentation to all workers at a Toolbox

Site Toolbox Talks

Site tool box talks are focussing on the lead up to Christmas with all Major Subcontractors presenting the methods they will be employing to address the concerns of statistical accident increases in the final quarter of the year.

Site Safety Walk

Weekly site safety walks continued in November. Members included: Superintendent's Representative and Engineer, GCRT Safety Manager, and Boulderstone's Contractor's Representative, Safety Supervisor and Civil Superintendent.

Safety Committee

Site Safety Committee has been established with the meetings held on site on the last Tuesday of every month. Representatives from Boulderstone, SMEC and subcontractors are in attendance.

Environment

Weekly inspections continue to be undertaken where findings/observations are tabled within a report and at the weekly Boulderstone project meeting. Boulderstone engineers are attending and are contributing to these joint walks. SMEC have been contributing and the following key outcomes out of from these walks and discussions have occurred:

- Works within Cascade Gardens continued during the month under the DERM and DEEDI issued permits.
- Vibration was monitored at a resident's basement carpark (Rosewood Court) after concern was expressed of effects of vibration from the extra bus traffic at the temporary bus stop. No elevated levels were observed during monitoring.
- Vibration is currently being monitored at the boundary of Darcy Arms and Holiday North during demolition works.
- Signage continues to be displayed around the Outlet Works as per conditions of Tidal Works Permit.
- Two floating silt curtains continue to be inspected daily around the sheet piling within Little Tallebudgera Creek to minimise impact in the incidence of a spill.
- Sediment control onsite is continually targeted as it is the most apparent method of controls onsite. The Boulderstone team continue to place significant emphasis on addressing concerns by directing subcontractors to adjust standards and of which a noticeable improvement again occurred during the month of November. Erosion and Sediment Controls are observed during the weekly inspection on Wednesdays and during the safety walks that are undertaken on Fridays. The coast was relatively dry during the month and experienced 36 millimetres (mm) of rain during the month with the highest daily rainfall being 22.4 mm on Thursday the 24th.
- Dewatering operations continued within the Southern Works Area and water testing was undertaken during Wednesday site inspections.
- Water monitoring continues at the three surface water locations (SW10, SW11 and SW12) to ensure the project is not having any adverse impacts on Little Tallebudgera Creek or the Nerang River. No recordings have been outside the baseline results to date.
- Water monitoring will also continue at the stormwater outlet during upgrade works. No readings of turbidity have exceeded the discharge requirements (10% above background).
- The water cart is continually used onsite to minimise the generation of dust offsite.

Onsite meetings were undertaken with Boulderstone and the Boulderstone project arborists (The Stumpman) to clarify clearing along the western boundary of the Gold Coast Highway for both vehicle and pedestrian safety and for clearing around the new traffic lighting services. Of particular importance was the discussing how the trimming works will be undertaken without having adverse effects on the nearby flying fox colony.

Risks to Contract and the Project

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
1	Interface with PUP agencies and finalisation of design - Currently awaiting "For Construction" documentation and endorsed drawings	Yes	Yes	<p>Regular meetings to be convened with PUP owners to ensure design works are in accordance with the contract program and issues identified early. Coordination of physical works to be managed by BPL with clear timeframes established and communicated. BPL to ensure dedicated resource on site to coordinate activities.</p> <p>January Report Update</p> <p>Critical issue with the relocation of Telstra assets which is having a direct impact on the project and the ability to progress the works. This has flow on implications to the Energex works and the Caltex remediation activities (by others).EOT claim being developed which indicates an impact of over 5 months to the project</p> <p>February Report Update</p> <p>Telstra remains a critical impact on the project. Energex design is also a further issue that is impacting the project. Boulderstone will need to engage additional resources to manage the reviews, design, coordination and construction planning. Accelerated program submitted with a revised date of PC out to the 8th March 2011</p> <p>March Report Update</p> <p>Site team is waiting for the award of the Telstra contract allowing coordination and program to be finalised with successful contractor. Energex still remains a concern to the project with the design yet to be complete, and the unreliability of a single point of contact/decision. Boulderstone is establishing who are the key people within the organisation who make decisions and establishing dialogue</p> <p>April Report Update</p> <p>Telstra have been awarded the contract on the last day of Boulderstone work in April allowing coordination and program to be finalised with successful contractor to commence in May. Coordination with Energex teams for the removal of the pad mount transformer was successful and future planning with this team is ongoing</p> <p>The primary concern which will continue to affect the progress of the works is the consolidation, clash analysis and conflict resolution of combined services 3D model (proposed PUP works and existing services)</p>	BPL / GCRT	Open

Item	Risk	GCRT	Treatment	Action by	Status
			<p>May Report Update</p> <p>Boulderstone have committed additional resources to assist in design resolution and coordination with the PUP authorities. An additional surveyor has been allocated and new PUP Engineer will join the team in late June.</p> <p>July Report Update</p> <p>Working relationships with Allconnex, Telstra and Energex is good, though a challenge that the site team is dealing with is: managing the expectations and negotiating the outcomes of installing new infrastructure under or adjacent to the Energex 110kV direct buried transmission line.</p> <p>August Report Update</p> <p>The working relationship between all parties is good, with dealings with Energex 110kV team more effective and a good relationship between Allconnex and Boulderstone (although new Allconnex contact has meant some changing goal posts)</p> <p>September Report Update</p> <p>Relationship with Energex and Telstra remains satisfactory. Allconnex have been a real challenge and requirement for flexibility is required to ensure that the new infrastructure can be installed in acceptable timing.</p> <p>October Report Update</p> <p>The interface with Allconnex requires constant attention. Site team has realigned responsibilities to deliver this attention. Relationships with Telstra and Allconnex are generally good however this relationship is being tested following the publishing of non-flattering comments allegedly made by GCRT on the performance of Telstra.</p> <p>November Report Update</p> <p><i>The relationship is improving as the role of Allconnex is better defined. An acknowledgement in late November (to be confirmed) that Allconnex are no longer required to endorsed the design will assist. The interface still carries a risk in regard to program.</i></p> <p><i>Telstra still remains a risk however the completion of civil infrastructure in mid-December will downgrade this risk.</i></p>		

Item	Risk	GCRT		Treatment	Action by	Status
2	Risk of incidents, eg. safety, traffic incident	No	No	<p>Ensure that each activity is reviewed individually for the risks and hazards. Eliminate where possible, however ensure those that remain are addressed appropriately. Review the activities once underway and look for new hazards and means of improving the safety of the environment.</p> <p>February Report Update</p> <p>Full time resource allocated to the project with assistance in the commercial area also provided to ensure that the procurement activities ensure proper and detailed engagement is undertaken. Additional training required during the course of the projects for local subbies to maintain standards.</p> <p>March Report Update</p> <p>Internal reviews with Boulderstone Safety personnel on the effectiveness of the processes and procedures being employed on the project.</p> <p>July Report Update</p> <p>With the increase of work crews, more effort is being made to manage the interface of multiple crews in a single area through the allocation of leading hands to assist in this interface.</p> <p>Similarly with the commencement of continued nightshifts, a safety coordinator has been dedicated to oversee all nightshift operations and be a presence during this.</p> <p>August</p> <p>Continual increase in crews onsite, especially in nightshifts. Interface management is being employed more and more</p> <p>October</p> <p>Coming into the holiday season, site crews are on heightened alert. The period for Schoolies week, Christmas Holidays and the extended holiday break will require additional care and consideration to manage.</p> <p>November Update</p> <p>Remains as per October with increased numbers expected on the coast coming into the holiday season</p>	BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
3	Weather	No	No	<p>The effects to be managed by BPL with the strategy of getting in early where possible to areas. This approach needs to be embraced by GCRT so that the effects are minimised.</p> <p>January Report Update</p> <p>We have experienced impacts on the project as a result of weather outside the project with the Brisbane floods and Cyclone Yasi impacting materials availability and resources (particularly service authorities).</p> <p>February Report Update</p> <p>Minimal loss of time due to inclement weather with the main issue being the hot weather experienced and the risk of dehydration. This is being proactively managed on site.</p> <p>March Update</p> <p>More wet weather in March, with wet weather affecting pavement works. Civil team is managing process by ordering material with suitable material moisture contents. Other teams are working around the 'showers'.</p> <p>October</p> <p>The project is still remains open to the impacts of wet weather. Additional due care and attention need to be given to environmental controls.</p> <p>November</p> <p><i>Wet weather is a risk coming into the typical wet season. This is particularly the case in the south whereby stormwater drainage is still to be connected to the outlet.</i></p>	BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Yes	Yes			
4	Caltex Site	Yes	Yes	<p>BPL to assist in providing information as to timelines and impacts. Process is with the GCRT Property Team to manage. Regular meetings to be convened and matter to be an agenda topic for progress meetings so that all parties are fully informed</p> <p>January Report Update</p> <p>Due to Telstra works, this site needs to be remediated to allow Energex to move the padmount transformer to allow Telstra civil works to progress.</p> <p>February Report Update</p> <p>Currently awaiting information as to when the works will be undertaken by third party.</p> <p>March Report Update</p> <p>Contract awarded and interface meeting to be held with McMahon Contractors. OTEK still to provide date when decontamination will occur to confirm when inground services can be constructed through area.</p> <p>April Report Update</p> <p>OTEK contractors have removed all the tanks and infrastructure in April. The ground still to be decontaminated at a date not yet advised.</p> <p>May Report Update</p> <p>OTEK and their contractors completed the remediation works in late May.</p>	GCRT	Closed

Released Under RTI

Item	Risk	GCRT		Treatment	Action by	Status
5	Design Documentation	Yes	Yes	<p>Design documentation reconciliation to be undertaken.</p> <p>Design status to be provided to assess impacts on the works (including procurement).</p> <p>January Report Update</p> <p>The main problems with the documentation is that there has not been a clash analysis undertaken which is evident by the fact that we have experienced clashes with the stormwater at Australia avenue, Armrick Avenue and Second Avenue (100% clash rate currently) requiring works to be halted whilst the design issues are resolved. The other design issues are associated with the PUP designs with changes to Allconnex drawings, Energex drawings and Telstra still to have their design completed.</p> <p>February Report Update</p> <p>Clash analysis is still the biggest issue with not all of the information included in the model. Boulderstone is working closely with SMEC to try and alleviate the impacts of problems we have experienced in every area we have gone into. A lot of effort is being expended in resolving these issues.</p> <p>Design is a fluid item with the issue of trying to fit everything in an already congested corridor. Parties need to continue to be proactive, but acknowledge additional effort and resources are being expended to overcome the design issues.</p> <p>March Report Update</p> <p>The clash analysis is progressing and is approximately 2 weeks ahead of works, however, more resources required to look further ahead. Boulderstone have allocated the sucker truck at the disposal of the clash analysis crew to allow early conflict identification.</p> <p>Design resolution to areas of design clashes is still a significant concern. Proposal is to have a designer allocated to site to resolve many issues at a site level rather than requiring the exhaustive and slow offsite resolution process (Mostly watermain). This resource or a change to the design approval process is required to prevent the delays that are currently occurring onsite.</p> <p>Boulderstone will be employing another PUP resource allowing one member of the team to concentrate on design resolution and authority coordination.</p>	GCRT	Ongoing

Item	Risk	GCRT	Treatment	Action by	Status
			<p>April Report Update</p> <p>The clash analysis and resolution is now behind the scheduled works and is delaying scheduled works. Baulderstone have allocated the sucker truck at the disposal of the clash analysis crew to allow early conflict identification and have committed two additional full time personnel (dedicated foreman and additional Project Engineer) to assist in PUP relocation works.</p> <p>Consolidation of PUP designs, conflict analysis and resolution is of key concern and is not at a state to allow the project to commence as plan.</p> <p>It is anticipated that unless Aurecon resources committed to the project in April may significant progress in early May, there will be delays to the critical path of the project.</p> <p>There is concern regarding the allocation of Aurecon resources to completing the PUP design consolidation, clash analysis and resolution as these resourced committed full time to the project and based in the site office are only sporadically in the site office and Baulderstone are unaware of what is occurring during these absent periods.</p> <p>May Report Update</p> <p>Design resolution has not changed significantly from April. Baulderstone have proposed and allocated resources to manage Aurecon's design priority and ensure that there is thoroughness in design checks against existing services and that the design is constructible.</p> <p>During May, other options have been considered ranging from changing the contract to a design and construct type, to implanting a site team member in the Aurecon office to manage their design priorities (as mentioned above).</p> <p>June Report Update</p> <p>While challenges continue to exist on the project, progress is becoming evident through Aurecon resources both based on the site and in their offices resolving some of the more challenging critical path issues.</p> <p>Baulderstone have created a design issues priority matrix to align priorities of the program and construction with design resolution. This matrix is being used well and now constitutes the minutes for the weekly design meeting.</p> <p>July Report Update</p> <p>Aurecon have committed resources to overcoming the key priorities on Baulderstone's design priority matrix have been producing key results, though other works that could be commenced but not</p>		

Item	Risk	GCRT		Treatment	Action by	Status
				<p>critical are still awaiting design resolution.</p> <p>These resources have been working well with the site team and team work and best for project decisions have been fostering results.</p> <p>August Report Update</p> <p>Aurecon has met some key milestones set after the relationship workshops, though unexpected conflicts and design issues still arise requiring their input.</p> <p>Clash analysis list is reducing and focus is now on completing this in the north and also completing all the detailed watermain designs in the middle of the project (between Monte Carlo and Cannes)</p> <p>September Report Update</p> <p>Concern still exists in the site team with many design issues still not resolved (after the milestones required to meet key project dates). While some of these issues are new, there is concern that the resolution of issues is taking too long.</p> <p>Informal meetings are still occurring between the designers and site team to overcome issues in a efficient manner.</p> <p>October</p> <p>Extremely high risk. Comments similar to September.</p> <p>November</p> <p><i>Although decreasing, design still remains a risk for the overall project. In the past 4 – 5 weeks the focus has been rightfully on progressing works in the South. This has meant that miscellaneous works in the North has been placed on the ‘back-burner’. The project team needs to be careful that the Project is not in a similar position in 3 months time. Aurecon must maintain resources to close out design issues.</i></p>		

Item	Risk	GCRT		Treatment	Action by	Status
		No	Yes			
6	Property Owner expectation	No	Yes	<p>BPL to engage a dedicated resource to manage the process and develop communication process that are proactive. Early and continual engagements to ensure owners are fully informed. Provision of Notice to Entry documentation which includes the scope of works to be undertaken is to be provided.</p> <p>January Report Update</p> <p>We have experienced difficulties with gaining access to the Barrack property at New Mexico resulting in additional works as well as likely changes to Darcy Arms property works.</p> <p>May Report Update:</p> <p>The site team is meeting all property owners in advance of works and ensuring that scope agreements are recorded and timings are developed to suit both parties before works commence.</p>	GCRT / BPL	Ongoing
7	Complaints re noise, interference, etc. – vandals action	Yes	No	<p>BPL to engage a dedicated resource to manage the process and develop communication process that are proactive. Construction activities to be reviewed to assess how impacts can be minimised. Ensure timely closeout of matters raised. GCRT to provide details of high risk stakeholders to ensure they are specifically managed.</p> <p>September Report Update</p> <p>Night works continued into the month with only a small number of complaints received during this period. Methods have changed for night works to further minimise impacts, though further changes will have timing implications.</p> <p>October Update</p> <p>An increased number of Stakeholder complaints were received in October. This was predominantly due to nightshift operations. GCRT has instructed a nightworks embargo from 23rd Dec – 29th Jan.</p> <p>November Update</p> <p><i>With the increased focus on program, Baulderstone will look to ‘soften’ the nightworks embargo and work on critical activities during January. A proposal will be submitted to SMEC (& GCRT in early December)</i></p>	BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		No	Yes			
8	Asbestos in buildings	No	Yes	<p>Upon gaining access to properties, an inspection to determine the presence of asbestos to be undertaken. BPL to discuss the creation of SWMS's, undertake contingency planning and identify procurement options to ensure that if found, the works can be readily undertaken without delay to the project.</p> <p>January Report Update</p> <p>We have undertaken asbestos investigations on the properties and identified the presence of asbestos. This will require treatment and removal prior to being able to undertake full demolition works.</p> <p>June Report Update</p> <p>Holiday North Apartments has had high levels of both friable and bonded asbestos identified. The extent of this work will require a number of weeks for removal.</p> <p>August Report Update</p> <p>Large quantities of bonded asbestos packing between structural element in Holiday north has increased the time and costs. BPL has removed a section of the basement to provide right of way for services. Currently only costs remains the risk to the project</p> <p>October Update</p> <p>The presence of asbestos in the Holiday North Building is the main contributor to the slow demolition progress.</p> <p>November Update</p> <p><i>With the demolition of Holiday North this risk is now severely down-graded.</i></p>	GCRT	Open
9	Provision of bus stops along alignment	Yes	Yes	<p>Resolve the matter as to whether bus stops are required or not. Work in a collaborative manner to ensure the number of bus stops is minimised and solution has as little impact as possible on the staging and delivery of the works.</p> <p>January Report Update</p> <p>Matter resolved with the provision of temporary bus stops now required. Works implemented from the 4th January 2011 and requires ongoing assessment, management and maintenance</p>	GCRT / BPL	Closed

Item	Risk	GCRT		Treatment	Action by	Status
10	Additional scope of works added to project	Yes	Yes	<p>New:</p> <p>The site team have identified significant additional works required on the project which has not been documented in design drawings or in contract scope. These works include more property works, services connections, landscaping works, restrictions of types of works. These new works:</p> <ul style="list-style-type: none"> • Will impact on program • Clash with scheduled work • Require resequencing of the works • Draw Boulderstone/SMEC resources away from scheduled work • Require additional consultation with stakeholders • Further complicate the project <p>May Report Update Boulderstone have commitment more resources to manage these additional works, with the property team remaining for a longer duration, a further community officer, an additional safety officer, additional surveyors and new PUP team resources. These additional resources will complement the existing team.</p> <p>June Report Update Additional property accommodation and PUP interface works have been identified in June and expected to continue to be identified for the next few months. These additional scope continue to increase the complexities of the work and require sections to be re planned</p> <p>July Report Update The level of additional scope to the project has slowed in July, with some scope actually being removed from the project. The challenge remains integrating the complexity of scope added in previous months in the project program.</p> <p>August Report Update</p> <p>As a direct result of the conflict analysis being completed in key areas, this has meant that additional scope has been introduced as the solution to some of these potential problems. These include demolishing and reconstruction of constructed (and IFC) stormwater and additional watermain relocation</p> <p>September Report Update</p> <p>Additional and changed scope continues in September with watermain changes reducing to only a couple of locations, however the</p>	GCRT	Open

Item	Risk	GCRT		Treatment	Action by	Status
				<p>Stormwater extent and complexity continues to grow. Boulderstone are attending meetings with Aurecon to add comments over constructability, though in many cases the solutions have complexity and time implications.</p> <p>October Report Update</p> <p>Extreme high risk. The continued status of incomplete design will contribute additional stress on the site team. This stress must be managed.</p> <p>November Update</p> <p><i>A heightened risk this month with the possible inclusion of additional sections of watermains whereby insufficient cover is available to existing infrastructure. There is also the potential for additional scope in regards to pavement works given the extensive pot-holing.</i></p>		
11	PUP requirements for protection of existing assets	Yes	Yes	<p>As the designs are being resolved, there is becoming more work in the planning and negotiating with the PUP</p> <p>August Report Update</p> <p>The evolution of the design increasing in many areas the extent of works required to protect existing assets (e.g. resolved stormwater next to 110kV, temporary Energex conduits past existing Telstra pits)</p>	SMEC/ BPL	Ongoing

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Official Information Act 1982

Appendix A – Updated Program (Rev06 - 2nd Dec Run Date)

Released under RTI - DTMR

Appendix B – Design Priority Register

Released under RTI - DTMR

Appendix C – Current Lot Register

Released under RTI - DTMR

Appendix D – Current NCR register

Released under RTI - DTMR

Appendix E – Health Survey Results

Released under RTI - DTMR



BAULDERSTONE

Monthly Report
February

Gold Coast Rapid Transit – Broadbeach Roadworks
Contract Number PID10-111

Released under RTI - DTMR

Rev #	Description of change	Prepared by	Date
1	Client submission	Refuse Sch.4 Part 4	05/03/2012

Approved for use:

	Position	Signature	Date
Refuse Sch.4 Part 4 s	Contractor's Representative		05/03/2012

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Progress Photographs



Figure 1: Aerial View of the Southern Works, with First Avenue at the Base of the Photo



Figure 2: Night Works of the Stormwater Drainage at Line 8 Outside Cascade Gardens



Figure 3: Thrust Block Pour of the WD2 WM for the Scour Connection at Rosewood Avenue



Figure 4: Electrical Pit 50 Installation at St. Kilda Avenue



Figure 5: 750x375 Box Culvert Installation of 1/14 and 2/14 at St. Kilda Avenue



Figure 6: Twin 1200Ø Stormwater Drainage Pipes of Section 3/9 at Britannia Av



Figure 7: Asphalt and Curb Progress North of Australia Avenue (Mid Feb)



Figure 8: Asphalt Completion and Pavement Works North of Australia Avenue (Late Feb)

Executive Summary

General

In general terms February has been a mixed month. A combination of good and bad weeks with respect to weather and the continual presence of design clashes has meant momentum is difficult to establish. The positive outlook at the end of January regarding seemingly apparent resolution of design associated issues was brought down to Earth with a thud with the highest frequency of RFIs raised this month.

Several elements stand out as positives. These include;

- Minimal nightworks complaints. This is viewed as a direct result of engagement of designated nightshift foreman Refuse Sch.4 Part a focussed campaign on noise generating plant and times of operation and the approval of extended daytime lane closures to negate the need for nightshift
- Placement of asphalt between Britannia and Australia Avenue
- Substantial completion of drainage in the south
- In-depth analysis of the Northern Area programme to realise alternate opportunities that will facilitate programme savings.

The largest risk to the programme remains the Watermain scope of work. The time taken to develop, review and then gain approval of Work Method Statements prior to commencement is considerable. Following approval, the frequency of design clashes continues to impede construction progress. It is expected that clashes will continue to occur. It is hoped that through a combination of pre-planning and the quick turn-around of RFIs (raised pre and during construction) that time lost will be kept to a minimum.

Safety

There were 11 incidents recorded in January of which a summary is presented later in report in the section on Safety. The increase in safety incidents is of concern. Apparent to the construction team is the fact that messages being communicated through daily toolbox talks is to the point of becoming 'white noise' to the work teams. Significant time is being invested into alternate methods of delivery and control.

Areas of concern are;

- i) Site Fencing – The piece-meal nature of work means that site fences are being opened and closed at will without proper process and responsibility. BPL is to implement individual responsibilities to Foremen for respective areas. A two week 'moratorium' has commenced to allow existing site fencing be brought up to standard
- ii) Traffic Management – Training session on Traffic Awareness has been conducted for all Foremen and a selection of leading hands and younger site engineers
- iii) Confined spaces – Stricter control of confined space entry permits that require final sign-off by BPL safety co-ordinator.

Inspectors from Workplace Health and Safety conducted a visit in late February. An improvement notice was issued for Confined Space working following observation of works being undertaken at the Stormwater outlet opposite Britannia Avenue. A follow-up visit is expected on 5th March to confirm close-out. The subcontractor involved has reacted quickly in having 10 members of staff re-trained in confined space working and implementation of additional pre-works checks.

On a positive note, the site surpassed 300,000 hours LTI free this month which corresponds to no LTIs over the length of the Project. To commemorate this milestone and in recognition of the current summer months, BPL rewarded all individual workers with a Boulderstone endorsed 2-litre water bottle.

Programme

Rev 8 of the programme has been to the Client with the dates for Practical Completion as shown below;

- i) Southern Works Area 23rd May 2012
- ii) Northern Works Area 29th August 2012

The date for the Southern Works area has been brought in from the 13th June 2012 following savings realised at Britannia Avenue whilst the confirmed date for the North has been driven out to the 29th August.

The target date for the majority completion of works in the south by the end of March (excluding Britannia Avenue) and then all works substantially complete by the end of April is now gone. This is due to the Recycled watermain on the western side of the highway. The original RFI querying the absence of design was generated on 3rd October 2011 with a final design issued on the 29th February 2012.

Despite design clash issues on the eastern side of the Highway at Rosewood Avenue, the programme remains on track with pavement works in all areas excluding Britannia now in progress.

Re-occupation of the Northern Area continues to build momentum on the back of the increased focus on planning through January and early February. Of concern in the North is that design remains un-received for Watermain W3 between Wharf Rd and Fern St. This installation of this watermain drives the construction programme.

There has been rightful focus from the Client on programme however, in BPL's view, the direction of the focus must be questioned. Basic's with respect to technical aspects of programming continue to remain the GCRT focus with minimal attention to factors driving programme slippage and solutions aimed at stemming the flow of delays. Examples of this point are;

- i) The time take for approval of Allconnex Work Method Statements – please refer section titled 'Project Overview' which details the iterative process of review by Allconnex. In the worst case, 7 iterations of review and re-issue were required prior to the approval of the WMS for the S11 sewer main tie-in
- ii) The increased frequency of RFIs – 93 RFIs were raised in February compared with 60 in January and 29 in December.
- iii) The turn-around of RFIs – The volume of RFIs has meant response times are suffering. Minor items are generally dealt with swiftly onsite between BPL and SMEC however any items requiring offsite designer input takes considerably more time due to the level of difficulty.

Commercial

Not Relevant

Resources

Site team numbers have remained steady across February with the interchange of Drainage supervisory staff only. Looking ahead to March and in reflecting the anticipated increase in regard to time pressures, additional staff will be mobilised. Additional staff are listed below.

Interchange of Resources

- i) [Redacted] replaced with [Redacted] Drainage Supervisor

Incoming Staff (March)

- i) [Redacted] (Mar 12th) – Senior Project Engineer (Into Pavement and Drainage Team)
- ii) [Redacted] (Mar 15th) – Site Engineer (Pavements, replacing [Redacted] who has returned to University)

Progress of Work

Project Overview

Productive work in the southern zone commenced after the rainfall periods at the end of January with stormwater drainage well progressed, roadworks commencing, footpaths and finishing commencing though watermain works continuing to progress at a slow pace due to the multitude of changes and the cumbersome works approval process.

Works in the northern zone of the project are progressing as per plan, with stormwater drainage works commencing in Surfers Paradise Blvd and Neddy Harper park in late February, sewer rising main works recommencing after multiple design issue and the finalisation of thrust boring planning for 2 watermains (W7 and W9) and stormwater.

The following key work status is as follows:

- Stormwater drain in southern Zone (less Britannia) – Complete
- Stormwater drainage in Britannia Ave – 2x1200 complete by mid February, branch lines on track for completion in early/mid March
- Line 8 Stormwater drainage (western kerb outside Cascade Gardens) – Complete
- Watermains WD1 – Completed, though delayed due to design issue with connection to scour manhole and valves at Rosewood Ave
- Watermain WD2 – Delayed with inconsistent design at T connection in Rosewood Ave and with connection to scour manhole and valves at Rosewood Ave. Expected completion by early March
- Electrical pits (50, 59B and 63) – Pits 50 and 59B completed, with Pit 63 due for completion in early March
- Energex removal of overhead powerlines in the northern zone – Mostly complete, final half dozen poles to be removed in early March (some existing energex lighting to remain in place until April)
- Pavements – Southern zone pavement commenced in early February and main asphalt commencing in mid March (less Britannia Ave and Northbound overlay which has been delayed due to recycled watermain design issues)

Of key concern to the site team is the affect on progress of the works resulting from design issues identified onsite (mostly water/sewer) and the exhaustive process required before works can recommence.

During January and February there have been many instances of reoccurring issues with the same design package. While some of these are newly identified issues (such as conflicting services) most are as a result of redesigns to address an issue identified by the site team that are inconsistent with site conditions or are design clashes with other designs or known services. Examples of this include:

- Watermain WD1 and WD2 – The many redesigns of these two watermains were again questioned in February with the branch connections to the side streets and scour manholes requiring redesign due to Valve design location in kerbs and connections clashing with known services.
- Air Valve at Australia Ave – This design which didn't have sufficient clearance from the finished road surface has been sent back between the site team and the designers at least 3 times as the offered solutions still did not meet minimum pavement clearance. This work has delayed final kerbs and pavement overlays in this area.
- Recycled Water Main – Connection positions of this redesign do not match with known existing main, connection points being beyond extent of required scope and design being with minimal proximity to 110kV direct buried power cables.
- Stormwater drainage at Armrick Ave – The redesign in late last year, required reconstruction of stormwater system installed in early 2011. These redesign clashes with the installed Energex and Telstra ducts requiring design to be reviewed in this area for
- Watermain W11 – Re design of watermain near Monte Carlo Ave requiring adjustment to pass over Telstra, requiring removal of pipes only install the week prior

- Water W11 at Cannes Ave – Redesign issued in early February clashing with known services.

Compounding the above impediment on progress is the exhaustive process that the site team has to manage to meet GCRT MOU requirement with Allconnex. The GCRT process directed to the site team requiring creation and approval by Allconnex of Work Method Statements for both construction and cut over (i.e. 90 Work Method Statements) has had a serious impact of progress of works.

Boulderstone allocated full time resource to the project to manage this process (Jai Sudholz) and our contractors have similarly have also done so with CLM supplying a full time Project Engineer to complete these WMS (Serge). Other Boulderstone Engineers are spending considerable time also working with Jai to complete and negotiate these WMS with Allconnex

Despite the allocation of dedicated resources, the timeframe to achieve final approval from Allconnex is drawn out requiring submission of multiple revisions, addressing:

- Request from Allconnex to include additional quality scope outside of the their own specifications
- Adjustment of particular wording, with no change to actual description (i.e. use of synonyms)
- Raising of trivial concerns (e.g. Allconnex rep's personal dislike of the use of the product *bondcrete* despite its requirement listed in Allconnex specifications)
- After each subsequent reissue to Allconnex (addressing all their previous comments), further items are identified often based on the bullets points above. This often happens multiple times.

The impact of the constant rewriting and reissue to Allconnex has meant that many WMS are taking weeks to resolve and preventing these dedicated resources from commencing planning and preparation of WMS for other upcoming Allconnex works. Examples of this prolonged and unnecessary process include:

- Cut over WMS - Watermain WD2 St Kilda Ave to Rosewood Ave (as detailed below)
Initial cut-over meeting: 27th Jan
First Revision presented: 1st Feb
Final approval: 7th Feb (After 5 submission - 3 formal submission and 2 informal)
- Cut over WMS – Cut In and Relining of Gravity Sewer Main at Britannia Ave
Initial cut-over meeting: 10th Jan
First Revision presented: 16th Jan
Final approval: 19th Jan (After 7 formal submissions)
- Cut over WMS – Cut In of DN375 Gravity Sewer Main at Britannia Ave
Initial cut-over meeting: 10th Jan
First Revision presented: 18th Jan
Final approval: 31st Jan (After 4 formal submissions)
- Construction WMS - W3 First Ave crossing
IFC drawing issued: 4th Jan
First Revision presented: 30th Jan
Final approval: 29th Feb (After 6 formal submissions)
- Cut Over WMS – 375dia at Australia Ave
First Revision presented: 1st Feb
Final approval: 7th Feb (After 3 formal submissions)

Progress Status Commentary

Physical works are described below:

Planned Activities	Impacts
Sewer and Watermain works	<p>Sewer and watermain installation is on the critical path for both the northern and southern section of the project</p> <p style="padding-left: 40px;">Southern: Recycled Watermain at the outlet</p> <p style="padding-left: 40px;">Northern: W3 150Dia running 800m along the eastern side of the highway.</p> <p>As noted in the progress summary, watermain works progression remains slow due to the continual design issues raised and then compounded by the exhaustive WMS approval process.</p> <p><u>SOUTHERN ZONE WATERMANS</u></p> <p>Many of the southern watermains are now well advanced, though small design issues affecting ancillary items such as valves, scours, final connections have placed impact of the subsequent pavement construction. To mitigate delays, the site team has commenced pavement and kerb construction and will require small sections of completed works to be 'cut out' to allow the completion of these watermains. The watermains are:</p> <ul style="list-style-type: none"> • 375dia at Australia Ave – Main line completed, air valve delayed due to design issue. • W16 (A26 Pump Station supply) at Chelsea Ave – Pavement already completed and will need patching • WD2 (250dia) – Box out and granular material placed. Expected to be complete before asphalt placement <p>Watermains WD1 and the reduced cover watermain WM01 at Australia were cut over in February</p> <p>Whilst not originally on the critical path of the project, subsequent design issues and delays to the commencement of work has resulted in the recycled watermain on the western side of the highway (crossing the main stormwater outlet) becoming critical. The final workable design was received by the site team at the end of February and is now 100% longer (82m) and in close proximity to the 110kV direct buried cable requiring further negotiations with Energex and encasement of a section of these cables.</p> <p><u>NORTHERN ZONE WATERMANS</u></p> <p>Detailed planning of W7 and W9 watermains was mostly completed in February. The difficulties of construction of these 3m deep crossing of the Gold Coast highway required some design changes to be made to assist in constructability. The revised and constructible design for W7 was received at the end of February and W9 is expected in early March. These works will commence in early March.</p> <p>Progress of watermain W11 remains slow, due to continual site issues being identified and requiring redesign and Allconnex approval.</p>

	<p>Watermain W3 works have commenced, with the crossing of First Ave starting at the end of Feb. Design review and compilation of the WMS for the section between Wharf Rd and First Ave has commenced. Design is still outstanding for between Fern St and Wharf Rd which is a critical path activity for the project.</p> <p>Watermain W2 design is nearing completion, with constructability comments provided and the design is expected in early March.</p> <p>The onsite interface with Allconnex is good and this remains due to:</p> <ul style="list-style-type: none"> • Allconnex Representative (Ian Donald) working in close cooperation with the site team to meet project targets • The 'shadowing' of Allconnex personnel onsite to dispel any potential issue before it is elevated.
Stormwater drainage (SWD)	<p>In the southern zone of the project, the stormwater drainage works are now substantially complete with:</p> <ul style="list-style-type: none"> • Britannia Ave – 2x1200 complete, branch lines due for completion in early/mid March • Rosewood Ave – Complete • St Kilda Ave – Complete • Western side of Gold Coast hwy <ul style="list-style-type: none"> ○ Line 8 – Complete ○ Line 14S – Complete ○ Line 10 – Complete <p>In the northern zone of the project, works are progressing with the increase of subcontractor crews and relocation of crews from the southern zone of the project. The status of these works:</p> <ul style="list-style-type: none"> • Surfers Paradise Blvd (Line 1) – Commenced after traffic switch in early Feb • Gold Coast Highway <ul style="list-style-type: none"> ○ Line 2 – 110kV encasement complete in late Feb, allowing for stormwater to start in match ○ Line 4 (West) – Telstra cables cut over allowing for recommencement of branches & watermains shutdown allow for connection into park ○ Line 4 (Thrust under highway) – Available to recommence in mid March ○ Line 4H (East – North of Wharf Rd) – Compound not yet available ○ Line 4F (East – south of Wharf Rd) – Compound created, though awaiting watermain W3 completion first ○ Line 5 – Not available until watermain W11 and sewer S7a complete • Armrick Ave – Works progressing, though reoccurring design clashes as noted in the progress summary. <p>Shamrock resources onsite are currently 4 pipe crews and 3 concreting crews with a specialist thrust boring crew to commence in early March.</p>

Telstra works	Jointing crews remain onsite and progressing Various existing Telstra man-holes lids on the project were reconstructed in February. Various miscellaneous lids are being adjusted onsite to suit final footpath levels is continuing.
Energex civil works	Energex has energised their underground network across the entire project and the redundant overheads have almost been completely removed. The remaining works for the project are: <ul style="list-style-type: none"> • Completion of 2 pits around underground energex cables (expected in March) • Completion of the wiring of the new stay poles opposite Australia Ave. Poles installed in early Feb. • Completion of some new scope items, including a new pit at the Remembrance Drive bus bay • Energex punch list items. • Removal of the final 6 timber poles on the site. The relationship between the site team and the Energex remains good with these works expected to be completed in March.
Property adjustment works	The new driveway works in the southern zone were mostly completed in feb with: <ul style="list-style-type: none"> ○ Chaing Mai – Complete ○ Criternal Gardens – Complete ○ Saffron x3 – Complete ○ Via Appia x2 - Poured, though 1 is to be removed and reconstructed. Final footpaths in the southern zone is approaching 50% complete, with the completion (less Britannia Ave) on track for completion prior to the end of March. Commencement of landscaping at the Saffron Restaurant was completed in late Feb and crews progressing works towards to the Sushi Train property
Pavement	Pavements have progressed in the southern zone of the project with the completion of the following: <p>Aust to Britannia Ave – Asphaltting commenced</p> <p>Britannia Ave – Awaiting stormwater and watermain completion</p> <p>Chelsea to St Kilda Ave – Box out complete and granular pavement placement commenced with asphaltting planned to commence in mid march.</p> <p>Pavement overlay on the north bound has been delayed due to issues with the recycled watermain. Area to the south and the north of this watermain are ready now for asphaltting.</p>

Traffic Management	<p>Northbound traffic on Surfers Paradise Boulevard underwent a minor realignment as part of TGS010 Stage 3. Pedestrian connections from the signals at Gold Coast Highway/Remembrance Drive to Surfers Paradise Boulevard were improved as part of the realignment.</p> <p>On February 29, TGS019 was implemented. The Guidance Scheme realigned southbound traffic on Gold Coast Highway to the west so that a new compound could be created in front of the Duty Free. This switch opens up further stormwater drainage (Line 4F) and watermain (W7 and W3 interface) works to bring back the end date of the project</p> <p>The switch was possible through the reallocation of road space which was previously a right turn lane into Cannes Avenue. The right turn into Wharf Street was maintained. The switch also created a smaller compound on the south-western side of Gold Coast Highway.</p> <p>In late February a relaxation for timing for lane closures of the northbound was received allowing for a single lane closure to remain in place not till 6.30pm (instead of 2.30pm). This is mean works that would otherwise need to be constructed on nights can occur on days, with less restrictions of activity types that would normally be enforced for night operations.</p>
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Released under RTI

Information Flow and Timeliness of Decisions for Work under the Contract

Design Status

Design issues and prioritisation meetings continue to be held weekly with representatives from the key parties involved in identifying, statusing and prioritising design packages and issues. While the number of outstanding issues is starting to reduce, resolution of the key issues are still not always meeting the targets set.

The running of these meetings has been passed back to SMEC (with GCRT taking minutes) from Baulderstone.

Refuse Sch.4 Part 4 BPL), Refuse Sch.4 Part 4 SMEC), Refuse Sch.4 Part 4 GCRT) and Refuse Sch.4 Part 4 s.6 Pel (Aurecon) have assumed the respective lead roles.

As per progress summary, the quantity of redesigns being received by the site team which still have issues has increased. As a result design resources are spending considerable time resolving these, the site crews are delayed and completion of the design for future works is also delayed. This reoccurring items need urgent attention as it is the primary reason for the delays onsite, and as mentioned previous in this report where these refer to water/sewer the delay is compounded by the approval process with Allconnex.

The site team continues to expect that going forward that the design issues on the project will focus on discrete clashes or constructability issues of which SMEC and Baulderstone will mostly resolve onsite. While these design issues are minor in their extent, given the complexity of the program of works, any issues that cannot be resolved in a short turnaround is likely to have an impact on the program of works.

Other concerns that still remains

- Impact on the contract program when new designs have a staging requirement (i.e, works that were expected to be able to be concurrent with other activities are now subsequent).
- Further integration or interfaces of GoldlinQ design packages with RWS.

RFI's Raised / Responded

The number of RFI's continues to increased with approx 93 individual RFIs opened in February (60 in Jan and 29 in Dec).

There is currently 643 RFIs created to date on this project and 139 of these remain open.

Of these 139, 100 are from the last 5 months, with:

- 64 require action from SMEC/Aurecon
- 36 require action/closing from Baulderstone

PUP Management and Interfaces

PUP relocation works for all parties with the exception of Allconnex is expected to be mostly complete in March. The summary of the current status of the site teams coordination:

- Interface with Telstra is mostly complete, with the final jointing of cables approaching completion. Allocation of scope of remove redundant assets in the northern zone to be finalised in March/April.
- Interface with APA gas is reaching completion, with the planned work in early March to complete their relocation
- Third party communications (AAPT, PipeNetwork & Optus) will currently in the final stages with planning of the final relocation of their cables after Telstra advise access dates in the North East run.
- Energex works are mostly complete, with sporadic meetings being held and the expectation that their works will be completed in March.
- The interface with Allconnex will continue and is expected to continue into July. While onsite coordination between Allconnex inspectors and network operations is working well, the design and approval process remains cumbersome and exhaustive. Implemented improvements:

- a. Weekly meeting with Allconnex personnel at which network staff are in attendance. This has assisting with scheduling of shutdowns.
- b. Definition of responsibilities under the contract with respect to water-main tie-ins and cutting in valves.
- c. Encouragement of Subcontractor involvement in the design verification process to review on the grounds of constructability
- d. Additional BPL resources brought into the water and sewer mains construction team to control the flow of documentation

Much improvement is still required in the timeframes and expectations from Allconnex in progressing water and sewer relocation.

Commercial and Contractual

Cash Flow

Not Relevant

Variations

Not Relevant

Released under RTI - DTMR

Not Relevant

Extensions of Time

Not Relevant

Predicted Final Contract Valuation

Not Relevant

Released under RTI - DTMR

Not Relevant

QA (Quality of works completed and documentation)

Document Register

The table below has been updated to show only the drawing register in relation to Aurecon design drawings for the GCRT project. Some drawings are being issued 'for information only' allowing Baulderstone to understand the intent of what the design will be, though given uncertainty and the historical unreliability of unendorsed documents, it is not possible to order material given the likely chance the design will change again.

Revision Status	FC	FI	FT	Total
Count of Documents	543	157	293	993

Process Control Plans / Inspection and Test plans (PCP/ITP)

ITP's continue to be populated into Civil Pro. Reviews have been performed by both Baulderstone and SMEC. The approval of each ITP is still processed through Project Centre using an electronic signature. ITP/s submitted this month include:
 Watermain

Construction Lot (status table as at date)

The current construction Lot Register can be seen in Appendix C.

No. of Lots Opened in Period	No. of Lots Conformed in Period	No. of Lots Guaranteed in Period	Total Open	Total Conformed	Total Guaranteed	TOTAL
44	24	86	97	635	296	1033

Non-Conformance Report (NCR) (status table as at date)

Non-conformance reports have been issued for 16 lots across the project during the period. The NCR's released were of minor cost and as such there has been no requirement to include in Boulderstone's internal Quality Exchange (NCR's over \$5,000.00). The current NCR register can be seen in Appendix D.

Corrective Action Request (Contractor internal CAR)

No CARs issued for the month.

Corrective Action Request (Superintendent initiated CAR)

7 CARs issued to date.

QA activities

Boulderstone are currently operating under Revision 8 of the Project Quality Plan.

Community and Stakeholders

Achievements in February

Positive outcomes for business owners

The project liaised with the owners of the new Jungle Cats Family Restaurant (2769 Gold Coast Highway) as both parties harmoniously completed a significant amount of work within close proximity of each other. While the restaurant owners installed fixtures and furniture, painted the exterior of the building and mounted external signage, Boulderstone crews undertook pavement preparations, installed two driveways and reinstated landscaping at the property. Project staff also liaised with the Chiang Mai Thai restaurant to complete similar works with minimal disruption to their business. Feedback from both restaurant owners has been very positive.

Following a request from the Paradise Inn Motel/Garland Restaurant owners, Boulderstone sort approval through Gold Coast City Council (through the GCRT Project Team) for parking arrangements in Genoa Street to be amended to include a loading zone and restricted evening parking. This request was approved providing a positive outcome for the stakeholders.

Positive outcomes for local residents

No night works complaints were received for the second half of February. This can be attributed to revised work methods following feedback from residents at the beginning of the month. A difficult piece of work was conducted where concrete drainage pipes had to be cut once excavation had taken place under contra-flow traffic conditions. Extra effort was taken to complete excavations earlier in the shifts, allowing pipe cutting to be completed earlier. The site Community and Stakeholder Engagement team kept residents informed about the extra measures that were being taken to minimise impact on the local community.

To minimise disruption to residents between Wharf Road and Remembrance Drive, and subsequently reduce risk to the project's reputation, night works in the area have been reduced by several weeks. This was achieved by closing the northbound lane of the Gold Coast Highway in this area between 9.30am and 7.30pm Monday to Saturday so works could occur during the day. This work, which involves heavy excavation in close proximity to high density residential properties, has not generated any complaints. No complaints have been received regarding the lane closure either.

Lessons learned during January

Following the breakdown of machinery at the Boral batching plant, a night works lane closure extended into the morning peak-hour traffic period. Although the normal procedures were followed, and the GCRT Roadworks South Project Manager was advised immediately, it was acknowledged that a better reporting process was necessary. The site Community and Stakeholder Engagement team is in the process of devising a revised communication process for significant traffic events.

Summary of enquiries and complaints managed by contractors

Aspect	Detail
Enquiries	<ul style="list-style-type: none"> • 153 enquiries/contacts (events) were recorded by the site team during February. See Table 1 below for a breakdown of these events. • 2112 enquiries have been received since Nov 2010
Complaints	<ul style="list-style-type: none"> • 44 complaints were received during February. See Table 2 below for a breakdown of these complaints. • 384 complaints have been received since Nov 2010
KPI compliance	<ul style="list-style-type: none"> • 100% of missed calls were returned within 4 hours • 97 % of complaints had an agreed action plan implemented within 24 hours • 84% (or 37) of the 44 complaints received were closed out as per the agreed action plan. 100% percent of these were closed within 5 working days. The remaining 16% are still ongoing as per the agreed action plan. • The February Construction Update was distributed via email on the 8th day of the month.

Upcoming communications and stakeholder engagement activities/issues

Traffic/Construction milestone	Communication Activity
Monte Carlo Avenue, Genoa Street and Fern Street road closures	Communication Action Plans (CAPs) to cover notifications, VMS, press ads, GCRT website, face-to-face consultation with businesses including Paradise Inn, Garland's Restaurant, Gold Coast Vet, Adorable Paws, Mantra Wings.
Daytime road closures for side street crossings	Liaison with effected businesses.
Traffic Switches	Communication Action Plans (CAPs) to cover notifications (if impacting local residents), VMS, press ads and GCRT website.
Completion of southern section of road works	Media strategy to be developed in consultation with GCRT media team
Relocation of Second Avenue temporary bus stop	Signs at the bus stop directing commuters to new stop which will be within 50 metres.

Summary of key issues/complaints and mitigation activities

The biggest issue for complainants this month was noise. However, as mentioned earlier, night works noise complaints (which can be attributed to 6 of the noise complaints below), were limited to the first half of the month. The remaining 6 noise complaints were related to day works or noise generated from uneven road surfaces. Road profiling was undertaken to mitigate the noise generated from the temporary road surface that exists within the Broadbeach Roadworks corridor.

The project team is also making sure that noisy works, such as saw cutting and vacuum excavation, is carried out after 8am where possible. The Community and Stakeholder Engagement team also regularly liaises with businesses along the corridor to organise these activities at a mutually acceptable time.

Table 1 Event issues – Total 153

(Each event may include more than one issue. Table 1 contains the issues covered during February and the number of times they were covered).

Issue	Times Raised	Issue	Times Raised
Driveway works/access	31	Vehicle	8
Access	26	Nightworks Update	7
Noise	13	Night works	6
Timeframes	12	Fencing	6
General Construction Enquiry / update	12	Footpaths	6
General Traffic Management	11	Property Damage	5
Landscaping	10	Other	5
Distribution	9	Road surface quality	5
Water	9	Signage	5
Construction	8	Parking	5
Landscape/Urban Design	8		

Table 2 Complaint Issues - Total 44

(Each complaint may include more than one issue. Table 2 contains the issues raised by complainants and the number of times they were raised).

Issue	Times Raised	Issue	Times Raised
Noise	12	Property Damage	2
Night works	6	Timeframes	2
Road surface quality	5	Other	2
Vehicle	5	Bus Stops	2
Access	4	Worker Behaviour	2
Structural damage	3	Water	2
Construction	3	Landscape/Urban Design	2
Driveway works/access	3	Vibration	2
General Traffic Management	2	Loss of business / compensation request	1
Dust	2	Fencing	1
Signage	2		

Traffic

Traffic management and planning has been undertaken to a high standard to date with a close working relationship with SMEC and the traffic stakeholders to ensure that the roles and responsibilities are understood, information is transferred efficiently and decisions made promptly.

Recent changes to the traffic arrangements on the Gold Coast Highway include:

- Northbound traffic on Surfers Paradise Boulevard underwent a minor realignment as part of TGS010 Stage 3 in late January;
- On February 29, TGS019 was implemented. The guidance scheme realigned southbound traffic on Gold Coast Highway to the west so that a new compound could be created in front of the Duty Free and Surfers Backpackers. The switch required the reallocation of road space which was previously a right turn lane into Cannes Avenue. It was possible to retain the right turn into Wharf Street;
- VMS signage was revised for the unit installed on the northbound approach to Surfers Paradise Boulevard. The signage advises motorists of the alternate route to Surfers Paradise Boulevard via the next right turn at Clifford Street.

Upcoming changes to the traffic arrangements on the GC Highway include:

- The Goldring consortium has commenced major work activities in the Broadbeach South section on March 2. Work includes the removal of the centre median south of the Convention Centre. Removal of median north of the Convention Centre has been delayed until BPL can make progress north of Australia Av. BPL and McConnell Dowell have confirmed long term traffic guidance schemes are consistent at the project interface at and near Australia Av;
- BPL and McConnell Dowell are liaising on a regular basis to understand where possible short term/temporary works and traffic management approaches at the interface conflict with one another;
- Planning is underway to shift northbound traffic west to the final alignment between Australia Avenue and St Kilda Avenue;
- Planning is underway to shift both directions of travel west between Wharf Rd and Fern St. This realignment will require the removal of existing signal equipment at the Fern St intersection. Compounds will be set up along the eastern side of Gold Coast Highway.
- Planning is underway for future stage 4 and 5 of TGS010 which will facilitate the staged construction of pavement at the Surfers Paradise Boulevard/Remembrance Drive intersection.

Other Studies and Investigations

- A review of the Surfers Paradise Fire Station egress was made following an issue raised by the Station on perceived safety grounds. Investigations were carried out to determine traffic signal elements of the final design which could possibly be installed early to assist Fire Trucks exiting the site. These investigations are still ongoing.

Local Industry Participation

Procurement continues to be in accordance with the Local Industry Participation Plan (LIPP). The following table reflects the letting performance undertaken to date which does not differ from the previous month due to the minimal amount of contract works able to be undertaken during the period:

Total Project Value	\$42m (Currently Approved however expected to Change)				
	Amount	%		Number	%
Total Value of contracts let to date	\$29.92 (\$24.32m)*		Total number of contracts let	55	
Value of contracts let within GCCC local government area	\$15.8	52.93% (76%)*	Number of contracts let within GCCC local government area	34	62%
Value of contracts let outside GCCC local government area but within Queensland	\$13.3m	44.49%	Number of contracts let outside GCCC local government area but within Queensland	18	33%
Value of contracts let outside Queensland	\$ 0.7m	2%	Number of contracts let outside Queensland	3	5%

*indicates the figures when the exclusions of materials that could not be sourced from GCCC local government area is factored, and includes:

- Precast stormwater drainage components \$1.7m
- Traffic signal equipment \$0.68
- Water and sewer pipe work \$1.5

Team Resources and Cooperation

Staff and Subcontractors

Staff numbers through February have remained constant with new staff settling in to their respective roles. The increased workload due to the Allconnex process not only remains but appears to be growing in scope and subsequently demand. Similarly the continuing requirement for construction engineers to complete design sketches in order to progress the works is to point of spiralling out of control. A conscious decision by the BPL team has been made to withdraw from design related activities and focus on construction in an effort to stabilise work-load on site staff.

Within the BPL project team the morale is copping a beating. The constant clashes and slow turnaround of design solutions continues to compound pressure in regard to programme. This fact when coupled with the failure to acknowledge real issues affecting programme is placing considerable strain on the construction team.

The relationship with Subcontractors is generally strong with main subcontractors Shamrock (drainage), Boral (asphalt) and Jag (sewer / water) performing well. Off this list however improving is the relationship with CLM (water). In the interest of programme, BPL has made the decision to transfer CLM to a cost reimbursable payment regime in an effort to eliminate continuing the current arrangement of commercial angst over-riding programme and production. The frustration due to continuing design clashes and changes is evident in the day-to-day construction activities. An example of this is the fact that two CLM crews have spent all of this month at the Rosewood Avenue scour and 'T' connection for placement of 12 m of pipe.

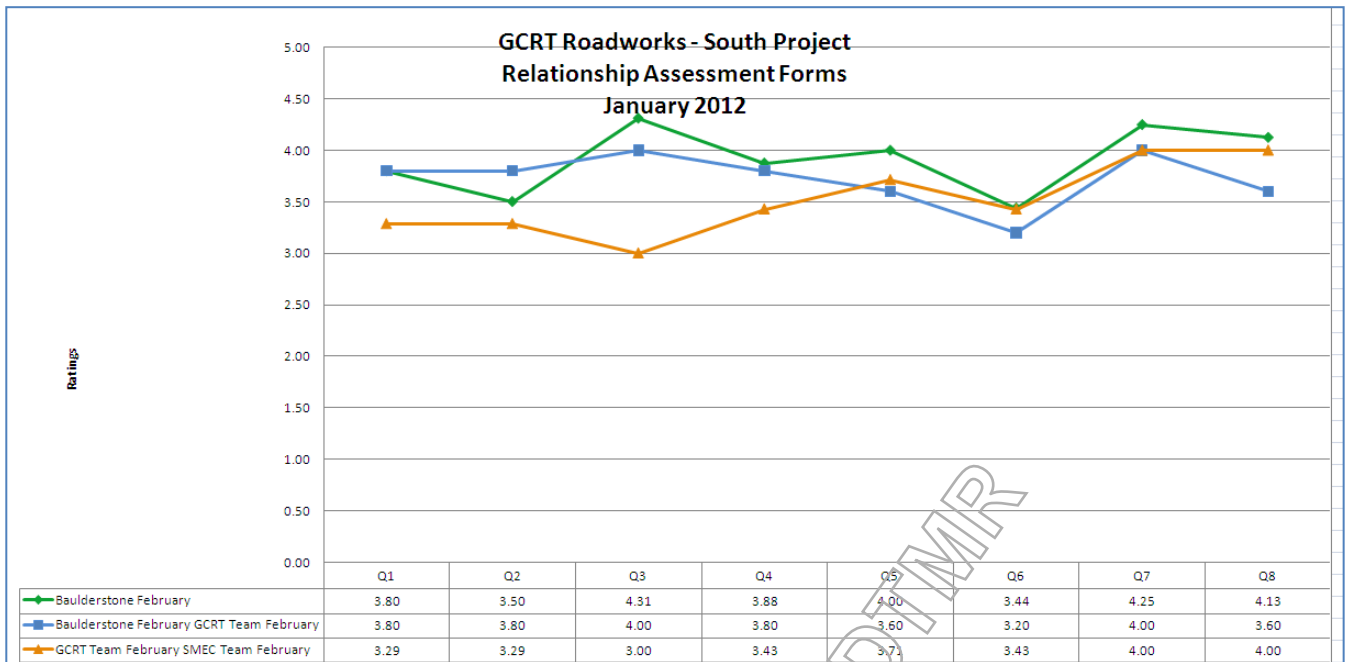
Relationship between Principal / Superintendent / Contractor

The wider site team (BPL & SMEC) continue to work well together. The replacement of the Superintendent's Representative and Design Co-coordinator have had minimal effect on construction with both new members of the team slotting in well.

The relationship between the Site Team and the Client is strained. The absence of a 'no-blame culture' is of concern. Questions two and six on the Relationship survey which relate to issues being resolved in a timely and effective manner and then the evaluation on the 'No-blame' culture are trending downwards.

In need of address is attention to the issues affecting construction and programme such as the quick turnaround of clash solutions. Less time and effort needs to be spent on peripheral issues that have minimal or no effect on programme.

Below is the summary result of the February Health Survey with backup information provided in Appendix E.



Safety

February has seen the activities on the site increase and with it the minor incident rates have also increased, Toolboxes have been focussing on the need to work safely and not sacrifice safe work practices to achieve program. Investigations into incidents have highlighted additional training requirements with an example issue being knowledge surrounding traffic management following an incident late in the month.

Incidents

There were no LTI's, or MTI's

The following incidents occurred and have been investigated:

1. 06/02/2012 Civelec were excavating a Shallow trench to a depth of 900mm for prior to installing street lighting conduits. A water service was moved causing conduit to fail approx 600mm from the excavation
2. 07/02/2012 CLM were excavating using a shoring box as protection. The sewer main was located just beyond the edge of the box and a damaged section of sewer main was located and had been covered by a hessian bag and section of plywood. It is unknown who damaged the main in the first instance.
3. 09/02/2012 A worker required first aid when he tripped himself with a shovel whilst walking on a flat pavement surface.
4. 13/02/2012 Concut cut a temporary water feed to a property that was located just below the slab and was not on the as built plans. The water feed was installed prior to additional surveyors being on site. .
5. 14/02/2012 A Baulderstone worker required first aid when he rolled his ankle whilst installing ATF panels on flat pavement
6. 16/02/2012 A GCC bus cut the corner on a temporary lane closure leading into the bus stop resulting in several Traffic Cones becoming wedged behind the front wheel. The traffic controller directed the bus to halt and went to move the cone and the bus tried to move off. The worker again stopped the bus before removing the cone.

7. 17/02/2012 While excavating prior to install a gully pit Shamrock there was a strike to a Telstra. The service was on the buried service permit and the operator failed to positively identify the service. Both spotter and operator were issued a Safety Breach and reinducted to the site.
8. 23/02/2012 A Boulderstone foreman removed PCB's without correct traffic control in place and failed to provide end protection to the PCB. Part Refuse Sch.4 Part 4 s.6 Personal information limited exposure in the level of traffic management and training has been provided
Sch.4 Part 4 s.6 Personal
- 10.25/02/2012 Lines on a new water main were being flushed prior to bacterial testing and as the valve was opened the main shifted causing an elbow joint to fail. The main shifted slowly and workers were not in a position of danger.
- 11.28/02/2012 While removing a stockpile of sand covering a stormwater manhole cover and sewer manhole cover the excavator made contact with both sliding the lids back from the aspro allowing sand into the manholes causing a backup of the sewer line. This was noted the following morning and vac trucks used to remove the contaminated waste. Derm was notified. And the incident caused minor impact.

Safety Statistics and Notices

	Hours Worked			Total
	Staff	Labour	Subcontract	
To End of December	81,673	21,056	135,161	287,890
Total FEB	7,963	2,180	27,088	37,231
Total to Date	89,636	23,236	212,249	325,121

LTI's 0
MTI's 0
FAI's 2

Inductions

Total inductions to date: 1,464
 January inductions: 81

Safety Initiatives since February 2011

There has been an ongoing commitment to training with the following courses being undertaken by a broad spectrum of staff.

- Traffic Management Awareness
- Excavation Handover Certificate
- Confined Space Training
- First Aid Certificates
- Electrical Spotter Training

- Level II Traffic Control 7 Staff members completing Practical component
- Fire Warden training
- Manual Handling
- Diploma in OHS
- Utility Services Location
- Cert III Construction of Road Maintenance
- Level II Traffic Control

Trialling the In cab Spotters alarm has proceeded with Shamrock

The Broadbeach Police conducted a Road Safety presentation prior to Easter focussing on speed, alcohol and various infringements.

efuse Sch.4 Part has conducted a Traffic Management awareness presentation to all workers at a Toolbox

Traffic Awareness Training for all foremen and leading hands was conducted in late February.

Site Toolbox Talks

Site toolboxes are being well attended to the point that there will be 2 conducted weekly to allow for a more personal approach with all workers.

Site Safety Walk

Weekly site safety walks continued in January. Members included: Superintendent's Representative and Engineer, GCRT Safety Manager, and Boulderstone's Contractor's Representative, Safety Supervisor and Civil Superintendent.

Safety Committee

Site Safety Committee has been established with the meetings held on site on the last Tuesday of every month. Representatives from Boulderstone, SMEC and subcontractors are in attendance.

Environment

Weekly inspections continue to be undertaken where findings/observations are tabled within a report and at the weekly Boulderstone project meeting. Boulderstone engineers are attending and are contributing to these joint walks. SMEC have been contributing and the following key outcomes out of from these walks and discussions have occurred:

- Works continued at the stormwater outlet into Little Tallebudgera Creek during the month under the DERM and DEEDI issued permits.
- An application for permissible change (to the fisheries permit) was prepared and communicated through to Gold Coast City Council (GCCC). This is required due to the coffer dam being required longer than the 180 day allowance as stipulated by the department of fisheries in the works permit. The extension is necessary due to design amendments required at Britannia. Aurecon had prepared on behalf of GCRT and submitted through to Fisheries. As a result the coffer dam can now stay in place until the end of March.
- Signage continues to be displayed around the Outlet Works as per conditions of Tidal Works Permit.
- Two floating silt curtains continue to be inspected daily around the sheet piling within Little Tallebudgera Creek to minimise impact of the construction works associated with the outlet works.
- Sediment control onsite is continually targeted as it is the most apparent method of controls onsite. The Boulderstone team continue to place significant emphasis on addressing concerns by directing subcontractors to adjust standards and of which a noticeable improvement again occurred during the month of February. Erosion and Sediment Controls are observed during the weekly inspection on Wednesdays and during the safety walks that are undertaken on Fridays. The coast experienced an average amount of rainfall during the month, 105 millimetres (mm) of rain during the month with the highest daily rainfall being 34.2 mm on Tuesday the 22nd.

- Dewatering operations continued within the Southern Works Area and water testing was undertaken during Wednesday site inspections.
- Water monitoring continues at the three surface water locations (SW10, SW11 and SW12) to ensure the project is not having any adverse impacts on Little Tallebudgera Creek or the Nerang River. No recordings have been outside the baseline results to date.
- Water monitoring will also continue at the stormwater outlet during upgrade works. No readings of turbidity have exceeded the discharge requirements (10% above background).
- The water cart is continually used onsite to minimise the generation of dust offsite. A relaxation is being sort to use potable water for construction purposes onsite. The alternative option of using recycled water is not favourable due to not complying with specifications for use on road construction.
- A foreman has been engaged to manage Neddy Harper Park. This has proven to be successful with a notable improvement being observed during weekly environmental inspections. Cold mix bitumen has been laid at the exit to assist in reducing dust generation from truck movements around the park.
- An Arborist report was prepared for the trimming and ongoing maintenance requirements of the fig tree in Wharf Road. The trimmings were undertaken on the 29th.

Released under RTI - DTMR

Risks to Contract and the Project

A copy of the updated Project Programme Risk register is attached as appendix F.

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
1	Interface with PUP agencies and finalisation of design - Currently awaiting "For Construction" documentation and endorsed drawings	Yes	Yes	<p>Regular meetings to be convened with PUP owners to ensure design works are in accordance with the contract program and issues identified early. Coordination of physical works to be managed by BPL with clear timeframes established and communicated. BPL to ensure dedicated resource on site to coordinate activities.</p> <p>January Report Update</p> <p>Critical issue with the relocation of Telstra assets which is having a direct impact on the project and the ability to progress the works. This has flow on implications to the Energex works and the Caltex remediation activities (by others).EOT claim being developed which indicates an impact of over 5 months to the project</p> <p>February Report Update</p> <p>Telstra remains a critical impact on the project. Energex design is also a further issue that is impacting the project. Boulderstone will need to engage additional resources to manage the reviews, design, coordination and construction planning. Accelerated program submitted with a revised date of PC out to the 8th March 2011</p> <p>March Report Update</p> <p>Site team is waiting for the award of the Telstra contract allowing coordination and program to be finalised with successful contractor. Energex still remains a concern to the project with the design yet to be complete, and the unreliability of a single point of contact/decision. Boulderstone is establishing who are the key people within the organisation who make decisions and establishing dialogue</p> <p>April Report Update</p> <p>Telstra have been awarded the contract on the last day of Boulderstone work in April allowing coordination and program to be finalised with successful contractor to commence in May. Coordination with Energex teams for the removal of the pad mount transformer was successful and future planning with this team is ongoing</p> <p>The primary concern which will continue to affect the progress of the works is the consolidation,</p>	BPL / GCRT	Open

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				clash analysis and conflict resolution of combined services 3D model (proposed PUP works and existing services)		
				<p>May Report Update</p> <p>Boulderstone have committed additional resources to assist in design resolution and coordination with the PUP authorities. An additional surveyor has been allocated and new PUP Engineer will join the team in late June.</p> <p>July Report Update</p> <p>Working relationships with Allconnex, Telstra and Energex is good, though a challenge that the site team is dealing with is: managing the expectations and negotiating the outcomes of installing new infrastructure under or adjacent to the Energex 110kV direct buried transmission line.</p> <p>August Report Update</p> <p>The working relationship between all parties is good, with dealings with Energex 110kV team more effective and a good relationship between Allconnex and Boulderstone (although new Allconnex contract has meant some changing goal posts)</p> <p>September Report Update</p> <p>Relationship with Energex and Telstra remains satisfactory. Allconnex have been a real challenge and requirement for flexibility is required to ensure that the new infrastructure can be installed in acceptable timing.</p> <p>October Report Update</p> <p>The interface with Allconnex requires constant attention. Site team has realigned responsibilities to deliver this attention. Relationships with Telstra and Allconnex are generally good however this relationship is being tested following the publishing of non-flattering comments allegedly made by GCRT on the performance of Telstra.</p> <p>November Report Update</p> <p>The relationship is improving as the role of Allconnex is better defined. An acknowledgement in late November (to be confirmed) that Allconnex are no longer required to endorse the design will assist. The interface still carries a risk in regard to program.</p> <p>Telstra still remains a risk however the completion of civil infrastructure in mid-December will downgrade this risk.</p> <p>December Report Update</p>		

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<p>The confirmation regarding the non-requirement of Allconnex to endorse designs did not come. Instead the decision was reversed and amplified with Allconnex now required to review and endorse all site changes no matter how minor. SMEC no longer has approval to act as the Superintendent in this regard in providing RPEQ sign-off on minor design changes. This requirement will cause delays to the programme.</p> <p>The risk with Telstra continues to downgrade now that 98% of civil infrastructure is complete.</p> <p>January Report Update</p> <p>The interface with Allconnex is improving however appears to be in a constant state of flux. Confirmed has been Allconnex withdrawal from the site based MOU with BPL now responsible for main cut-overs. BPL also now required to complete work method statements prior to the final endorsement of design drawings. This will have an impact on programme.</p> <p>Verbal updates on Telstra work is the only information BPL receive in regard to program. January figures reveal a mis-match in production that would seemingly have an impact on programme however BPL have been advise works are proceeding as scheduled.</p> <p>Risk with Energex is low. Wet weather through the month stunted removal of the existing overheads however impact on programme is minimal. Relationship remains good.</p> <p>February Report Update</p> <p>Similar comments to January.</p> <p>Allconnex remains a significant risk. The requirement for BPL to provide documentation that satisfies the GCRT / Allconnex MOU is placing considerable strain and resourcing and programme</p>		
2	Risk of incidents, eg. safety, traffic incident	No	No	Ensure that each activity is reviewed individually for the risks and hazards. Eliminate where possible, however ensure those that remain are addressed appropriately. Review the activities once underway and look for new hazards and means of improving the safety of the	BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<p>environment.</p> <p>February Report Update</p> <p>Full time resource allocated to the project with assistance in the commercial area also provided to ensure that the procurement activities ensure proper and detailed engagement is undertaken. Additional training required during the course of the projects for local subbies to maintain standards.</p> <p>March Report Update</p> <p>Internal reviews with Boulderstone Safety personnel on the effectiveness of the processes and procedures being employed on the project.</p> <p>July Report Update</p> <p>With the increase of work crews, more effort is being made to manage the interface of multiple crews in a single area through the allocation of leading hands to assist in this interface.</p> <p>Similarly with the commencement of continued nightshifts, a safety coordinator has been dedicated to oversee all nightshift operations and be a presence during this.</p> <p>August</p> <p>Continual increase in crews onsite, especially in nightshifts. Interface management is being employed more and more</p> <p>October</p> <p>Coming into the holiday season, site crews are on heightened alert. The period for Schoolies week, Christmas Holidays and the extended holiday break will require additional care and consideration to manage.</p> <p>November Update</p> <p>Remains as per October with increased numbers expected on the coast coming into the holiday season</p> <p>January Update</p> <p>Recent wet weather has brought many potholing areas to the surface. Due to the fact BPL are not out of the various areas the area left to manage spans the entire site. This has required considerable extra resources to manage.</p> <p>February Update</p> <p><i>There has been an increased number of incidents in February that cause concern and heighten awareness in regard to this risk. This is a risk that must be managed and controlled by BPL. Measures to be implemented include, personnel responsibilities around site fencing, training</i></p>		

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<i>course in traffic awareness, increased management focus on site walks / site inspections</i>		

Released under RTI - DTMR

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
3	Weather	No	No	<p>The effects to be managed by BPL with the strategy of getting in early where possible to areas. This approach needs to be embraced by GCRT so that the effects are minimised.</p> <p>January Report Update</p> <p>We have experienced impacts on the project as a result of weather outside the project with the Brisbane floods and Cyclone Yasi impacting materials availability and resources (particularly service authorities).</p> <p>February Report Update</p> <p>Minimal loss of time due to inclement weather with the main issue being the hot weather experienced and the risk of dehydration. This is being proactively managed on site.</p> <p>March Update</p> <p>More wet weather in March, with wet weather affecting pavement works. Civil team is managing process by ordering material with suitable material moisture contents. Other teams are working around the 'showers'.</p> <p>October</p> <p>The project is still remains open to the impacts of wet weather. Additional due care and attention need to be given to environmental controls.</p> <p>November</p> <p>Wet weather is a risk coming into the typical wet season. This is particularly the case in the south whereby stormwater drainage is still to be connected to the outlet.</p> <p>December</p> <p>10.5 shifts were lost in December. The weather forecast remains bleak for January through until the end of March. 1 day per week has been included in the Forecast Program.</p> <p>January</p> <p>11.5 shifts were lost across January with 10.5 shifts due to wet weather It is expected that weather will continue to impact the programme through the months of February and March.</p> <p>February</p> <p>5 shifts were lost across February which was less than expected when viewing historical figures. It is anticipated that once through March the potential for this risk to affect programme will decrease.</p>	BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
4	Caltex Site	Yes	Yes	<p>BPL to assist in providing information as to timelines and impacts. Process is with the GCRT Property Team to manage. Regular meetings to be convened and matter to be an agenda topic for progress meetings so that all parties are fully informed</p> <p>January Report Update</p> <p>Due to Telstra works, this site needs to be remediated to allow Energex to move the padmount transformer to allow Telstra civil works to progress.</p> <p>February Report Update</p> <p>Currently awaiting information as to when the works will be undertaken by third party.</p> <p>March Report Update</p> <p>Contract awarded and interface meeting to be held with McMahon Contractors. OTEK still to provide date when decontamination will occur to confirm when inground services can be constructed through area.</p> <p>April Report Update</p> <p>OTEK contractors have removed all the tanks and infrastructure in April. The ground still to be decontaminated at a date not yet advised.</p> <p>May Report Update</p> <p>OTEK and their contractors completed the remediation works in late May.</p> <p>January Update</p> <p>Caltex has informed BPL that the service station will not re-open in January as originally planned. Instead, Caltex have opted to complete the entire shop and station floor to allow a full opening in late March / early April.</p> <p>February Update</p> <p>No update required. Comments as per January.</p>	GCRT	Closed

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
5	Design Documentation	Yes	Yes	<p>Design documentation reconciliation to be undertaken.</p> <p>Design status to be provided to assess impacts on the works (including procurement).</p> <p>January Report Update</p> <p>The main problems with the documentation is that there has not been a clash analysis undertaken which is evident by the fact that we have experienced clashes with the stormwater at Australia avenue, Armrick Avenue and Second Avenue (100% clash rate currently) requiring works to be halted whilst the design issues are resolved. The other design issues are associated with the PUP designs with changes to Allconnex drawings, Energex drawings and Telstra still to have their design completed.</p> <p>February Report Update</p> <p>Clash analysis is still the biggest issue with not all of the information included in the model. Boulderstone is working closely with SMEC to try and alleviate the impacts of problems we have experienced in every area we have gone into. A lot of effort is being expended in resolving these issues.</p> <p>Design is a fluid item with the issue of trying to fit everything in an already congested corridor. Parties need to continue to be proactive, but acknowledge additional effort and resources are being expended to overcome the design issues.</p> <p>March Report Update</p> <p>The clash analysis is progressing and is approximately 2 weeks ahead of works, however, more resources required to look further ahead. Boulderstone have allocated the sucker truck at the disposal of the clash analysis crew to allow early conflict identification.</p> <p>Design resolution to areas of design clashes is still a significant concern. Proposal is to have a designer allocated to site to resolve many issues at a site level rather than requiring the exhaustive and slow offsite resolution process (Mostly watermain). This resource or a change to the design approval process is required to prevent the delays that are currently occurring onsite.</p> <p>Boulderstone will be employing another PUP resource allowing one member of the team to concentrate on design resolution and authority coordination.</p>	GCRT	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<p>April Report Update</p> <p>The clash analysis and resolution is now behind the scheduled works and is delaying scheduled works. Baulderstone have allocated the sucker truck at the disposal of the clash analysis crew to allow early conflict identification and have committed two additional full time personnel (dedicated foreman and additional Project Engineer) to assist in PUP relocation works.</p> <p>Consolidation of PUP designs, conflict analysis and resolution is of key concern and is not at a state to allow the project to commence as plan.</p> <p>It is anticipated that unless Aurecon resources committed to the project in April may significant progress in early May, there will be delays to the critical path of the project.</p> <p>There is concern regarding the allocation of Aurecon resources to completing the PUP design consolidation, clash analysis and resolution as these resourced committed full time to the project and based in the site office are only sporadically in the site office and Baulderstone are unaware of what is occurring during these absent periods.</p> <p>May Report Update</p> <p>Design resolution has not changed significantly from April. Baulderstone have proposed and allocated resources to manage Aurecon's design priority and ensure that there is thoroughness in design checks against existing services and that the design is constructible.</p> <p>During May, other options have been considered ranging from changing the contract to a design and construct type, to implanting a site team member in the Aurecon office to manage their design priorities (as mentioned above).</p> <p>June Report Update</p> <p>While challenges continue to exist on the project, progress is becoming evident through Aurecon resources both based on the site and in their offices resolving some of the more challenging critical path issues.</p> <p>Baulderstone have created a design issues priority matrix to align priorities of the program and construction with design resolution. This matrix is being used well and now constitutes the minutes for the weekly design meeting.</p> <p>July Report Update</p> <p>Aurecon have committed resources to overcoming the key priorities on Baulderstone's design priority matrix have been producing key results, though other works that could be commenced but not</p>		

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<p>critical are still awaiting design resolution.</p> <p>These resources have been working well with the site team and team work and best for project decisions have been fostering results.</p> <p>August Report Update</p> <p>Aurecon has met some key milestones set after the relationship workshops, though unexpected conflicts and design issues still arise requiring their input.</p> <p>Clash analysis list is reducing and focus is now on completing this in the north and also completing all the detailed watermain designs in the middle of the project (between Monte Carlo and Cannes)</p> <p>September Report Update</p> <p>Concern still exists in the site team with many design issues still not resolved (after the milestones required to meet key project dates). While some of these issues are new, there is concern that the resolution of issues is taking too long.</p> <p>Informal meetings are still occurring between the designers and site team to overcome issues in a efficient manner.</p> <p>October</p> <p>Extremely high risk. Comments similar to September.</p> <p>November</p> <p>Although decreasing, design still remains a risk for the overall project. In the past 4 – 5 weeks the focus has been rightfully on progressing works in the South. This has meant that miscellaneous works in the North has been placed on the 'back-burner'. The project team needs to be careful that the Project is not in a similar position in 3 months time.</p> <p>December</p> <p>Design of Watermains in the North are now CRITICAL. November comments remain. THIS IS A SIGNIFICANT RISK TO THE PROJECT.</p> <p>January</p> <p>A significant number of watermain designs have been turned around through January. Minor issues still exist on a small number of designs however these are being worked through with no anticipated delays to the construction programme. The impact on programme is now being evaluated as part of the planning process.</p> <p>February</p> <p><i>Close to the projects largest risk to</i></p>		

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<p>programme. Significant time is being taken to turnaround RFIs. The increased number of RFIs this month confirms this fact that, as the project moves into the North, the incidents of design clashes remain ever-present.</p>		
6	Property Owner expectation	No	Yes	<p>BPL to engage a dedicated resource to manage the process and develop communication process that are proactive. Early and continual engagements to ensure owners are fully informed. Provision of Notice to Entry documentation which includes the scope of works to be undertaken is to be provided.</p> <p>January Report Update</p> <p>We have experienced difficulties with gaining access to the Barrack property at New Mexico resulting in additional works as well as likely changes to Darcy Arms property works.</p> <p>May Report Update:</p> <p>The site team is meeting all property owners in advance of works and ensuring that scope agreements are recorded and timings are developed to suit both parties before works commence.</p> <p>January Update</p> <p>This item will become increasingly prevalent over the coming months as property works begin to ramp up. Currently issues are being handled well in-house with no need for elevation.</p> <p>February Update</p> <p>Similar comments to January however of concern is the apparent lack of consultation completed between GCRT / Aurecon and individual property owners in regard to property works. An additional communications resource will commence on the project in early March to assist in accelerating this process.</p>	GCRT / BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
7	Complaints re noise, interference, etc. – vandals action	Yes	No	<p>BPL to engage a dedicated resource to manage the process and develop communication process that are proactive. Construction activities to be reviewed to assess how impacts can be minimised. Ensure timely closeout of matters raised. GCRT to provide details of high risk stakeholders to ensure they are specifically managed.</p> <p>September Report Update</p> <p>Night works continued into the month with only a small number of complaints received during this period. Methods have changed for night works to further minimise impacts, though further changes will have timing implications.</p> <p>October Update</p> <p>An increased number of Stakeholder complaints were received in October. This was predominantly due to nightshift operations. GCRT has instructed a nightworks embargo from 23rd Dec – 29th Jan.</p> <p>November Update</p> <p>With the increased focus on program, Boulderstone will look to 'soften' the nightworks embargo and work on critical activities during January. A proposal will be submitted to SMEC (& GCRT in early December)</p> <p>December Update</p> <p>Vandalism was experienced over the Christmas break with several signs damaged and / or tipped over. In addition there were several instances of graffiti on adjacent buildings.</p> <p>February Update</p> <p><i>Of minimal risk to the project</i></p>	BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
8	Asbestos in buildings	No	Yes	<p>Upon gaining access to properties, an inspection to determine the presence of asbestos to be undertaken. BPL to discuss the creation of SWMS's, undertake contingency planning and identify procurement options to ensure that if found, the works can be readily undertaken without delay to the project.</p> <p>January Report Update</p> <p>We have undertaken asbestos investigations on the properties and identified the presence of asbestos. This will require treatment and removal prior to being able to undertake full demolition works.</p> <p>June Report Update</p> <p>Holiday North Apartments has had high levels of both friable and bonded asbestos identified. The extent of this work will require a number of weeks for removal.</p> <p>August Report Update</p> <p>Large quantities of bonded asbestos packing between structural element in Holiday north has increased the time and costs. BPL has removed a section of the basement to provide right of way for services. Currently only costs remains the risk to the project</p> <p>October Update</p> <p>The presence of asbestos in the Holiday North Building is the main contributor to the slow demolition progress.</p> <p>November Update</p> <p>With the demolition of Holiday North this risk is now severely down-graded.</p>	GCRT	Open
9	Provision of bus stops along alignment	Yes	Yes	<p>Resolve the matter as to whether bus stops are required or not. Work in a collaborative manner to ensure the number of bus stops is minimised and solution has as little impact as possible on the staging and delivery of the works.</p> <p>January Report Update</p> <p>Matter resolved with the provision of temporary bus stops now required. Works implemented from the 4th January 2011 and requires ongoing assessment, management and maintenance</p>	GCRT / BPL	Closed

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
10	Additional scope of works added to project	Yes	Yes	<p>New:</p> <p>The site team have identified significant additional works required on the project which has not been documented in design drawings or in contract scope. These works include more property works, services connections, landscaping works, restrictions of types of works. These new works:</p> <ul style="list-style-type: none"> • Will impact on program • Clash with scheduled work • Require resequencing of the works • Draw Boulderstone/SMEC resources away from scheduled work • Require additional consultation with stakeholders • Further complicate the project <p>May Report Update Boulderstone have commitment more resources to manage these additional works, with the property team remaining for a longer duration, a further community officer, an additional safety officer, additional surveyors and new PUP team resources. These additional resources will complement the existing team.</p> <p>June Report Update Additional property accommodation and PUP interface works have been identified in June and expected to continue to be identified for the next few months. These additional scope continue to increase the complexities of the work and require sections to be re planned</p> <p>July Report Update The level of additional scope to the project has slowed in July, with some scope actually being removed from the project. The challenge remains integrating the complexity of scope added in previous months in the project program.</p> <p>August Report Update As a direct result of the conflict analysis being completed in key areas, this has meant that additional scope has been introduced as the solution to some of these potential problems. These include demolishing and reconstruction of constructed (and IFC) stormwater and additional watermain relocation</p> <p>September Report Update Additional and changed scope continues in September with watermain changes reducing to only a couple of locations, however the</p>	GCRT	Open

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<p>Stormwater extent and complexity continues to grow. Boulderstone are attending meetings with Aurecon to add comments over constructability, though in many cases the solutions have complexity and time implications.</p> <p>October Report Update</p> <p>Extreme high risk. The continued status of incomplete design will contribute additional stress on the site team. This stress must be managed.</p> <p>November Update</p> <p>A heightened risk this month with the possible inclusion of additional sections of watermains whereby insufficient cover is available to existing infrastructure. There is also the potential for additional scope in regards to pavement works given the extensive pot-holing.</p> <p>December Update</p> <p>The risk identified in November is in the process of being realised with delays to critical path items in the South.</p>		
11	PUP requirements for protection of existing assets	Yes	Yes	<p>As the designs are being resolved, there is becoming more work in the planning and negotiating with the PUP</p> <p>August Report Update</p> <p>The evolution of the design increasing in many areas the extent of works required to protect existing assets (e.g. resolved stormwater next to 110kV, temporary Energex conduits past existing Telstra pits)</p> <p>February Update</p> <p><i>A notable risk not foreseen up until recently. This is particularly the case for Allconnex assets and the apparent increased focus on preserving the integrity of an aging network. Potential for additional scope is significant.</i></p>	SMEC/ BPL	Ongoing

Appendix A – Updated Program (Rev08 – 22nd Feb Submitted as Contract Programme)

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Appendix B – Design Priority Register

Released under RTI - DTMR

Appendix C – Current Lot Register

Released under RTI - DTMR

Appendix D – Current NCR register

Released under RTI - DTMR

Appendix E – Health Survey Results

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Appendix F – Updated Risk Register

Released under RTI - DTMR



BAULDERSTONE

Monthly Report
October

Gold Coast Rapid Transit – Broadbeach Roadworks
Contract Number PID10-111

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Rev #	Description of change		Date
1	Client submission	Refuse Sch.4 Part	05/10/2012

Approved for use:

Name	Position	Signature	Date
art Refuse Sch.4 Part 4 s	Contractor's Representative		5/10/2012

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Progress Photographs



Figure 1 – Fence between New Saigon and Gold Coast Vet Surgery



Figure 2 – Neddy Harper Park Demobilisation



Figure 3 – D’Arcy Arms Northern Driveway

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Executive Summary

General

This period has seen the continued production and submission of the requested documentation to MacDow. Through a number of meetings both formal and informal between BPL and MacDow the submitted documents are now being approved. This has in turn prompted works to commence however due to changing site coordination issues with the MacDow construction works, delays have been sustained. These issues have been both with late notice and somewhat coincidentally in the same locations as BPL's intended site works.

For the majority of the month BPL has also concentrated efforts on quality documentation, as built drawing submission and works that could be completed which were not located within MacDow's project boundary (ie Property Works).

Although problems still remain regarding the ongoing rejections of JSEA's and site coordination BPL commenced construction of a small selection of footpaths and driveways in the last week of October.

Programme

The programme has regularly changed over the past month with the unpredictable release of documents from MacDow.

Construction programmes have been developed to include the delays to site access along with the additional time taken to produce the required level of documentation to MacDow. Both of these are shown below respectively;

- Programme completion date assuming complete site access including delays
- 05/3/13 (G62A 29 Oct 2012)
- Programme completion date with delays and MacDow documentation requirements
- 19/3/13 (GC62 29 Oct 2012)

Commercial

Not Relevant

Other Key Items

Nil

Conclusion

Requirements from Golding/MacDow now appear to be static however the level of detail required is still variable. Site coordination difficulties has resulted in the further delay to access to the site, and is effecting the completion of defects and omissions. Towards the end of the period works commenced within the MacDow project site for the first time which has set a precedence for the completion of the remaining works.

Progress of Work

Project Overview

Further issues regarding obtaining site access from the Goldling's Design & Construction contractor McConnell Dowell (MacDow) have continued during this period. However in the first week of October GCRT continued with their strategy in securing possession of small sections of the site from Goldling to allow Boulderstone to conduct works. This week was a 5 day work week as is occurred immediately after the Queens Birthday holiday. It consisted of:

Site Possession Three – 2nd to 6th October between Second Ave and Fern Street to allow:

- Footpaths and Driveways between Wharf and Fern Street (both East and West sides of the GC Highway, 110m of footpath and 2no. driveways)

This produced a similar progress of footpath per day as the previous site possession when taking into account the short work week.

After this change to site possession BPL were advised verbally during daily progress meetings that there would not be any further changes.

For the remainder of October the site team continued to work in areas which were outside the MacDow project boundary, properties and the production of documentation required by MacDow to allow site access.

Key achievements in October

- Completion of available footpaths and driveways between Fern and Wharf Streets
- JSEA approved by MacDow – 9no.
- Traffic Guidance Scheme approved – 51no.
- Work Packs approved – 12no.

Progress Status Commentary

Physical works are described below:

Planned Activities	Impacts
Property defect and adjustment works	Property accommodation works on the project in October continued in areas where footpath access was not required, but through the combination of the above and the focus on completing footpaths and driveways meant that it did not achieve anywhere what was expected. Areas of works: <ul style="list-style-type: none"> • D'Arcy Arms • Mantra Wings • Pink Poodle • Ipanema • Duty Free • Surfers Backpackers • Crowne Plaza • Surfers Hawaiian • Surfer Paradise Motor Inn • New Saigon Vacant Block
Footpaths	Footpaths works completed in October: <ul style="list-style-type: none"> • Between Fern and Wharf road: • Cannes Ave North Corner These were completed under Site Possession Three (5 day week period)
Driveways	Driveway works completed in October: <ul style="list-style-type: none"> • Anita Apartments • Club Surfers These were completed under Site Possession Three (5 day week period)

Information Flow and Timeliness of Decisions for Work under the Contract

Design Status

Design issue meetings no longer occur. Design issues are dealt through CRFIs and direct correspondence.

RFI's Raised / Responded

There are currently 1145 RFIs created to date on this project and 39 of these remaining open. 20 are with SMEC and 19 with Boulderstone

PUP Management and Interfaces

All PUP works were completed prior to August, works going forward are addressing defects lists and finishing off outstanding documentation.

Released under RTI - DTPR

Commercial and Contractual

Cash Flow

Not Relevant

Variations

Not Relevant

Claims

Not Relevant

Released under RTI - DTMR

Extensions of Time

Not Relevant

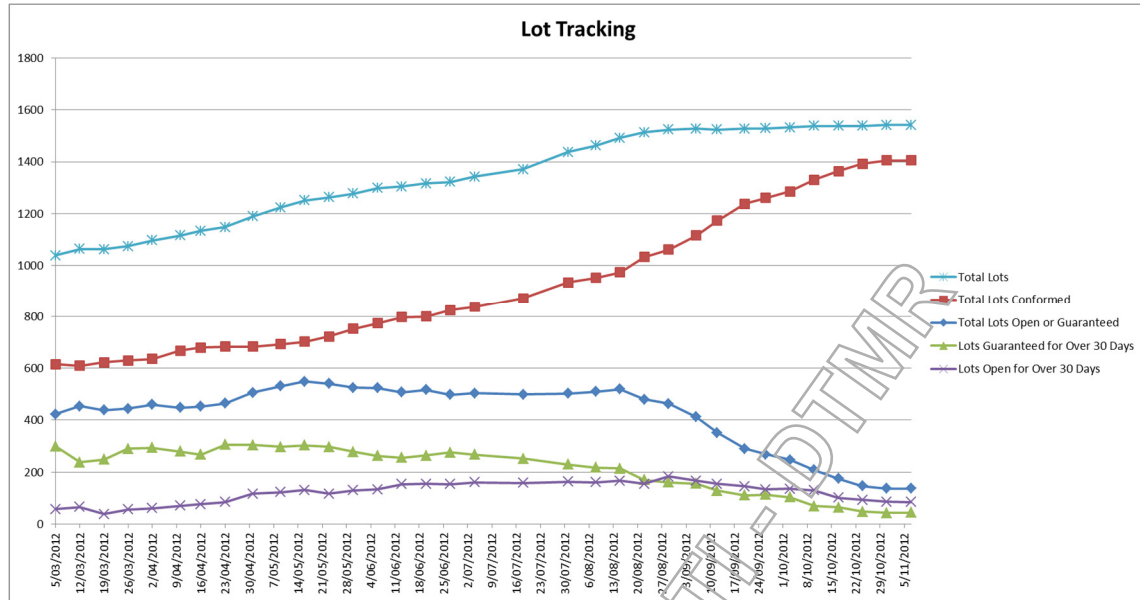
Predicted Final Contract Value

Not Relevant

Released under RTI - DTMR

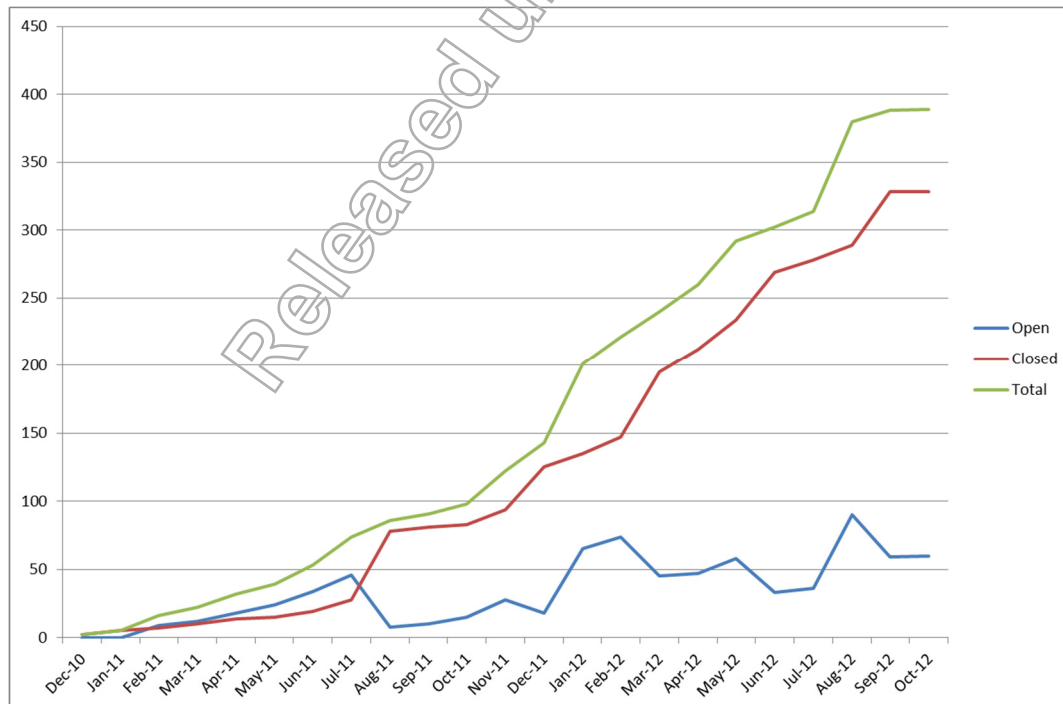
QA (Quality of works completed and documentation)

Lot Tracking



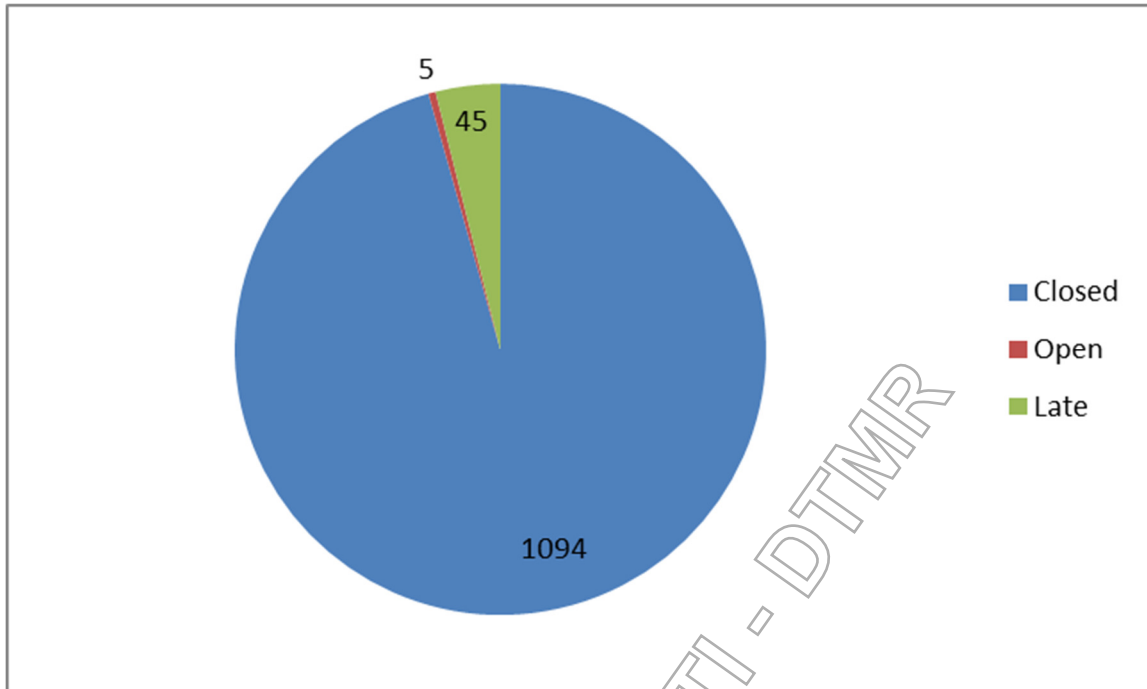
There are currently 1542 lots in the lot register. Of these 1405 are conformed, 93 are open and under construction, and 44 are guaranteed and awaiting test results and survey data to be conformed. The number of lots guaranteed for over 30 days is currently 44.

Non-Conformance Tracking



A total of 394 individual NCRs have been recorded on the project register. Of these 355 have been successfully closed out and 38 remain open awaiting approval from SMEC and final confirmation that corrective and preventative measures are in place.

CRFI Tracking



There are currently a total of 1144 CRFIs on the Project Centre register. The number of late CRFIs is addressed at weekly project team meetings and is currently 45.

Corrective Action Requests (CARs)

To date there have been 16 CARs issued by the Client's Representative. All CARs have been resolved and measures put in place to prevent reoccurrence. 4 CARs has been issued by Boulderstone to Shamrock Civil, Boral Asphalt and CLM. All CARs are issued and their progress traced through Project Centre.

Released Under RTI - DTMR

Community and Stakeholders

Achievements in October 2012

Construction works during October 2012 continued, during ongoing negotiations with GoldLinQ about site possession. Boulderstone largely focused on undertaking accommodation works behind property boundaries, as these works did not require site possession from GoldLinQ. A large portion of the community and stakeholder engagement team's works during October 2012 centred around negotiations with property owners/managers/representatives regarding accommodation works at individual properties. On 25 October 2012, site possession was given from Fern Street to Wharf Road, allowing several sections of footpath and several driveways to be constructed.

The following works were undertaken during October 2012:

- Construction of new driveways at:
 - Club Surfers
 - Gold Coast Bridge Club (southern and northern driveways)
 - Ipanema (northern driveway only)
 - Surfers Hawaiian driveway
 - Caltex northern driveway
 - Vacant block (St Kilda Avenue)
 - D'Arcy Arms
- Commencement of agreed property accommodation works at D'Arcy Arms, Pink Poodle/Azzura Constructions/Mantra Wings
- Continuation of agreed property accommodation works at Alexander Apartments, Crowne Plaza and Surfers Hawaiian
- Construction of several outstanding sections of footpath between Remembrance Drive/Gold Coast Highway and Wharf Road, including in side streets.

Several Notices of Entry associated with property accommodation works were also prepared and delivered to project stakeholders during the month, and were included in Boulderstone's Work Pack submissions to GoldLinQ.

The community and stakeholder engagement team also arranged and attended meetings with Body Corporate representatives of several properties to discuss the construction of new Gold Coast City Council-compliant concrete bin slabs. The properties included:

- The Pinnacle
- Surfers Hawaiian
- Kahana
- Sherwood Court
- Alexander Apartments
- Riverview Court.

The Armoral Gold Coast 600 car race was also held during the month of October with no impact on the construction works.

Proactively managing relationships with key stakeholders

The Boulderstone community and stakeholder engagement team continued to respond to all stakeholder enquiries and complaints that came through to them/were referred to them by GoldLinQ and GCRT during October 2012.

The majority of stakeholder enquiries and complaints managed by Boulderstone were in relation to property accommodation works. In particular, Boulderstone liaised closely with, and managed enquiries/complaints from the following properties:

- Club Surfers – [redacted] and other reception staff, regarding the progress of works
- D'Arcy Arms – [redacted] regarding the progress of property works
- Pink Poodle – Owner, John Milton, regarding the progress of property works
- Rose Court – [redacted] regarding stormwater drainage issues
- Thornton Towers – [redacted] regarding complaints that fell outside Boulderstone's scope of works
- Ipanema – [redacted] and other reception staff regarding the progress of property and footpath works
- Crowne Plaza – [redacted] regarding the progress of property works
- Shell – [redacted] regarding outstanding property works
- Caltex – [redacted] regarding the progress of property works
- Alexander Apartments – [redacted] regarding driveway works
- Sapporo – [redacted] regarding the timeframe for completing property works.

The community and stakeholder engagement team also liaised with several stakeholders in relation to compensation claims and property repair requests. These stakeholders included:

- [redacted] regarding driveway repair works. These works were completed in October 2012.
- [redacted] of Via Appia at 47 Chelsea Avenue regarding structural damage to the block retaining wall at the front of the property. Cardno's Building Report for the property arrived during the month, however as it provided inconclusive data, Boulderstone is coordinating further investigations. A meeting between Boulderstone, Cardno and the stakeholder is expected to be held in November 2012 to discuss the matter further.
- John Milton of the Pink Poodle regarding property repair works including interior/exterior cleaning and re-painting. John also requested that safety fencing outside his property be removed as he was showing several prospective tenants through the property. Boulderstone developed several options that would allow the safety fencing to be removed, encompassing safety considerations.
- [redacted] of Paradise Inn/New Mexico Restaurant regarding several outstanding compensation requests. A cheque was issued to the Barac's on 5 November 2012 and the matter was considered closed out.
- [redacted] regarding outstanding vehicle damage compensation claims.
- [redacted] regarding outstanding unauthorised water usage compensation claims.
- [redacted] regarding outstanding personal injury compensation claims.
- Body corporate representatives of Surfers Hawaiian regarding driveway and footpath repairs, and repairs to cracks in an interior wall.
- Body corporate representatives of Alexander Apartments regarding driveway repairs and cleaning, landscaping, irrigation issues, and repair of a leaking water feature.
- [redacted] tripped and fell on footpath outside Clarendon Apartments.

Note: A number of complaints were received about noisy manhole lids in the Boulderstone work zone. These matters were referred to GoldLinQ for attention, due to site access restrictions for Boulderstone. The noisy manholes included:

- Northbound outside Florida Apartments, 2916 Gold Coast Highway
- Northbound outside The Pinnacle, 2898 Gold Coast Highway
- Northbound at the Monaco Street/Gold Coast Highway intersection (outside Shell service station)
- Southbound outside Crowne Plaza's northern tower 2807 Gold Coast Highway.

Notifications

Notifications distributed to stakeholders during October 2012 included:

- Notification to Florida Apartments regarding Boulderstone's intention to construct their new driveway between 4-13 October 2012 (these works subsequently did not occur)
- Notices of Entry for: Alexander Apartments, D'Arcy Arms, Surfers Paradise Backpackers, Crown Plaza, Rose Court, MEC Cafe, Florida Apartments and Shell.
- Notification to Rose Court residents regarding driveway reconstruction on Monday 5 November 2012.

CAPs implemented throughout the month

Driveway works (CAP#22).

Released under RTI - DTMR

Upcoming communications and stakeholder engagement activities/issues

Traffic/Construction milestone	Communication Activity
Demobilisation	<ul style="list-style-type: none"> • Develop key messages • Distribution of key messages to project stakeholders • Close out Consultation Manager database • Develop handover notes for GoldLinQ • List properties to be managed during final construction works (to be provided when properties are identified in program) • Bin slab sign offs by property owners.
Property accommodation works	<p>There are several properties with outstanding accommodation works across the project zone.</p> <p>The community and stakeholder engagement team will continue to liaise with Boulderstone's engineers and SMEC regarding accommodation works schedules for individual properties, negotiate access for these works (via TMR's Notice of Entry process) and proactively manage enquiries/complaints from property owners as these works occur.</p>
Bin slab location meetings	<p>Preliminary plans will be distributed to the relevant stakeholders to present to their Body Corporate meetings for acceptance and approval.</p> <p>Designs will be sent to stakeholders for sign off ready for works to commence.</p>
Project completion	<p>The community and stakeholder engagement team will continue discussions with GCRT regarding a final flyer to the community focusing on u-turn facilities available on the corridor specifically the new facility at Via Roma. The flyer, if prepared, will thank the community for their patience and provide contact details for GoldLinQ for stakeholder enquiries/complaints during future stages of work.</p>

Summary of enquiries and complaints managed by Boulderstone

Aspect	Detail
Total issues	<ul style="list-style-type: none"> • 130 stakeholder enquiries/complaints/contacts were made and/or received during the month of October .
Enquiries	<ul style="list-style-type: none"> • 68 stakeholder enquiries were received and managed during October 2012 (see Table 1 below for a breakdown of these events). • 3,029 enquiries have been received since November 2010
Complaints	<ul style="list-style-type: none"> • 28 complaints were received and managed during October 2012. See Table 2 below for a breakdown of these complaints. • 671 complaints have been received since November 2010
KPI compliance	<ul style="list-style-type: none"> • 100% of missed calls were returned within 4 hours • 100% of complaints had an agreed action plan implemented within 24 hours • 18 complaints received were closed out as per the agreed action plan. Of the complaints closed out, 100% percent of these were closed within 5 working days.

Table 1 – Total new Events and relevant issues – 68

(Each event/complaint may include more than one issue. Tables 1 and 2 contain the issues covered during October and the number of times they were covered).

Issues	Times raised
Construction	34
Driveway works/access	24
Landscaping	21
Complaint	18
Agreed Action Plan - 24hrs	12
Fencing	13
1800 - Within 4 hrs	12
Waste Management	14
Closed as per Action Plan	10
Property Damage	8
Other	53
No issues	1
Total event search	68

Table 2 Complaint Issues - total 18 in October 2012

Issue	Times Raised
Driveway access	7
Construction	6
Landscaping	3
Fencing	3
Pedestrian	2
Signage	2
Pedestrian issues	1
Drainage	1

Summary of key issues/complaints and mitigation activities

Complaints largely related to property accommodation works and construction program during October 2012. With regards to property accommodation works, the community and stakeholder engagement team liaised closely with property owners/managers and Boulderstone's engineers. The general focus of property accommodation works complaints was the lack of movement on these works (ie. the GoldLinQ holding period). Once these complainants were informed that the works were being programmed to occur as soon as possible, they were generally satisfied.

Compensation claim complaints continued to be received during the month. Boulderstone continued to follow the approved claims process, and close out as many of these issues as possible. Many claims were cleared during the month.

Noise complaints were largely centred around noisy manhole lids located in the roadway along the Gold Coast Highway. Although Boulderstone had partial site access from 25 October 2012 this was not in the zone where the repairs were required to be carried out. Complainants were advised that Boulderstone would attend to the noisy manhole lids as soon as possible.

Traffic

Boulderstone are operating under the approval of MacDow. Only a small number of slow lane closures exist on the project.

Released under RTI - DTMR

Local Industry Participation

The following table reflects the letting performance undertaken to date which does not differ significantly from the previous months due to the minimal amount of contract works able to be undertaken during the period.

It is expected that approval of the revised Contract Delivery Model will impact on LIP figures with the expected contractual increase to above \$75M. As these revised subcontract figures are finalised, these can be used to update the LIP figures.

Total Project Value	\$42m (Currently Approved however expected to Change)				
	Amount	%		Number	%
Total Value of contracts let to date	\$31.50M (\$24.32m)*		Total number of contracts let	57	
Value of contracts let within GCCC local government area	\$16.1	54.0% (76%)*	Number of contracts let within GCCC local government area	34	62%
Value of contracts let outside GCCC local government area but within Queensland	\$13.3m	44.49%	Number of contracts let outside GCCC local government area but within Queensland	18	33%
Value of contracts let outside Queensland	\$ 0.7m	2%	Number of contracts let outside Queensland	3	5%

*indicates the figures when the exclusions of materials that could not be sourced from GCCC local government area is factored, and includes:

- Precast stormwater drainage components \$1.7m
- Traffic signal equipment \$0.68
- Water and sewer pipe work \$1.5

Team Resources and Cooperation

Staff and Subcontractors

With very few remaining subcontractors onsite there is not much to report in coordination.

Given the nature of the projects and the changing impact on the commercial position of smaller contractors, Boulderstone spend considerable time managing their issues and concerns. Lack of clear direction from the client (such as resourcing up with concreters where no access is available) undermines our relationship with these parties.

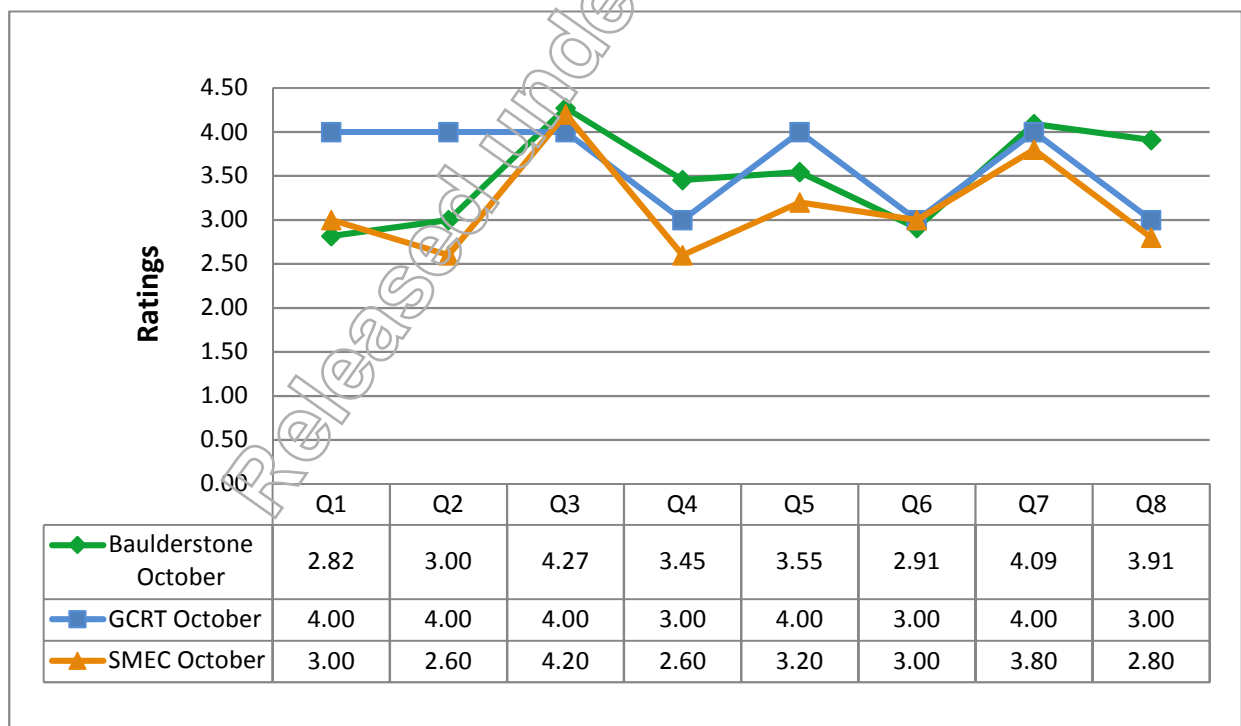
Relationship between Principal / Superintendent / Contractor

The site relationship between the Principal, Superintendent and the Contractor is reduced.

Boulderstone's relationship with SMEC whilst on a general level remains good, SMEC's interpretation or direction of the implementation of various clauses of the commercial agreement accounts for the majority of concerns between the parties. Equally friction remains between site personnel from both parties who are operating under their respective company's interpretation of the direction of the project.

The relationship between the site team and Principal is uncertain. The site team are frustrated that blame is apportioned due to increase in forecast, (where all parties should be aware of the situation situation) and where it was listed as a risk previously (and removed from prior forecasts as a direction of the CRG). Boulderstone are frustrated that increase in costs or lack of efficiency is directly related to lack of access to the site of which the client has provided very little contribution to what is their responsibility. Furthermore there appears to be an unwillingness to accept what the site is explaining as issues.

Below is the summary result of the October Health Survey with backup information provided in Appendix E.



Questions			
Q1	Communications are appropriate, timely, open and honest	Q5	Decision-making is made on a "best for project" basis
Q2	Issues are resolved in a timely and inclusive manner	Q6	It is a "no blame" culture
Q3	Safety is a priority over production	Q7	We are respectful of each other e.g. We listen, we pick up the phone, we are prepared to be flexible
Q4	We work as a collaborative team to achieve exceptional	Q8	I have really enjoyed being part of this project team over the past month

Part Refuse Sch.4 Part 4 s.6 Personal information

Released under RTI - DDMR

Safety

There were no incidents to report In October

Incidents

Nil

Safety Statistics and Notices

	Hours Worked			Total
	Staff	Labour	Subcontract	
To End of September	145,592	38,794	449,456	633,742
October	2,992	1,496	8,340	12,828
Total to Date	148,584	40,290	457,796	646,570
Workers on Site October	Total Workers for the month	Average per day		
	695	31		

LTI's 0

MTI's 0

FAI's 0

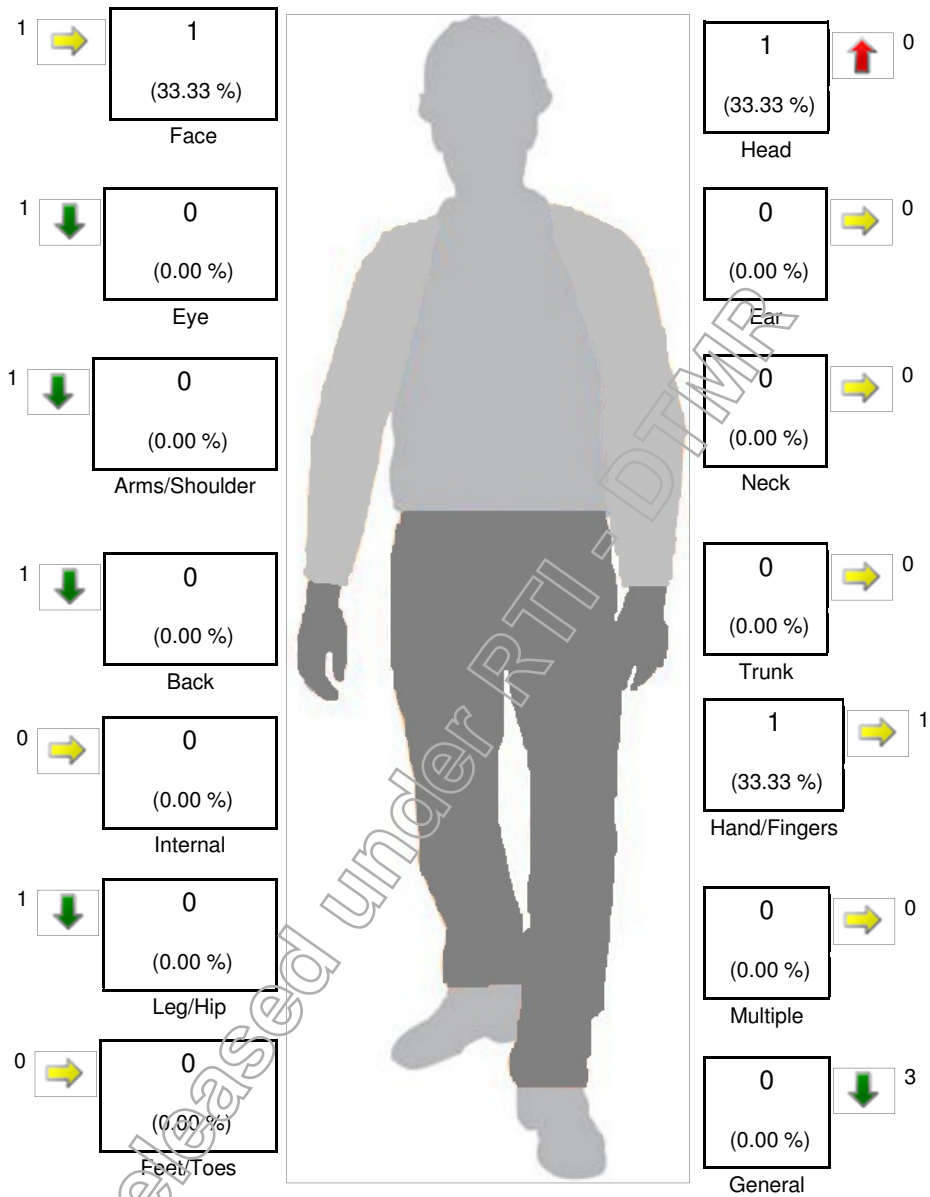
Inductions

Total inductions to date: 1,995

October inductions: 0

Injuries by Bodily Location Current YTD vs Previous YTD

This diagram represents the number of Baulderstone injuries for each body location for the financial year to date.



* Alliance/JV percentage calculations are applied to this table above Project and Sub Unit level reporting.
* Trending indicator is for Year to Date figures. All figures are counts only and not Frequency Rates and consists of Injury Types Fatalities, LTI<=30, LTI>30, MTI, FAI and RO

Environment

Water monitoring is no longer being undertaken due to completion of ground works.

Weather experienced during the month was extremely dry. However with the stage of works no major impact was a result of the warmer dry weather, though establishment of turfing on the project is being impacted.

MacDow are responsible for the sediment control and management on the extent of the works.

Released under RTI - DTMR

Risks to Contract and the Project

A copy of the updated Project Programme Risk register is attached as Appendix A.

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
1	Interface with PUP agencies and finalisation of design - Currently awaiting "For Construction" documentation and endorsed drawings	Yes	Yes	<p>Pre 2012 Updates omitted from Report</p> <p>January 2012 Report Update</p> <p>The interface with Allconnex is improving however appears to be in a constant state of flux. Confirmed has been Allconnex withdrawal from the site based MOU with BPL now responsible for main cut-overs. BPL also now required to complete work method statements prior to the final endorsement of design drawings. This will have an impact on programme.</p> <p>Verbal updates on Telstra work is the only information BPL receive in regard to program. January figures reveal a mis-match in production that would seemingly have an impact on programme however BPL have been advise works are proceeding as scheduled.</p> <p>Risk with Energex is low. Wet weather through the month stunted removal of the existing overheads however impact on programme is minimal. Relationship remains good.</p> <p>February Report Update</p> <p>Similar comments to January.</p> <p>Allconnex remains a significant risk. The requirement for BPL to provide documentation that satisfies the GCRT / Allconnex MOU is placing considerable strain and resourcing and programme</p> <p>March Report Update</p> <p>Comment remains as per October forward.</p> <p>Allconnex is the biggest risk to Programme. The requirement for BPL to provide documentation that satisfies the GCRT / Allconnex MOU continues to place considerable strain and resourcing and programme. All re-worked designs are now requiring WMSs to proceed.</p> <p>April Report Update</p> <p>Comment remains as per October forward.</p> <p>Allconnex remains a significant risk to Programme. Allconnex site personnel continue to deliver mixed messages to the project team with differing standards. They continue to become involved in design and construction issues beyond their scope which causes ad-hoc delays to the programme whilst issues are</p>	BPL / GCRT	Closed

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<p>resolved. In many cases issues presented should not be elevated at all.</p> <p>May Report Update Report Update</p> <p>Allconnex remain a significant risk to the project. Progress was made in the month to complete new lines and complete testing, though ongoing cancellations of cutovers by Allconnex has cost the project crucial time. S7a cut over has now been delayed by 2.5 weeks</p> <p>June Report Update Report Update</p> <p>Comments remain as per October Forward</p> <p>Work on Allconnex assets continued with the completion and successful testing of many of the key water mains on the site.</p> <p>July Report Update</p> <p>PUP Scope of Works is now substantially complete. Taking the position that the condition of the existing 375mm water main is subject to ongoing discussions between the State and Gold Coast Water, there is minimal PUP risk still associated with remaining works on the project.</p> <p>August Report Update</p> <p>Property works design scope and owner sign off remains the main outstanding item.</p>		
2	Risk of incidents, eg. safety, traffic incident	No	No	<p>Pre 2012 Updates omitted from Report</p> <p>January 2012 Update</p> <p>Recent wet weather has brought many potholing areas to the surface. Due to the fact BPL are not out of the various areas the area left to manage spans the entire site. This has required considerable extra resources to manage.</p> <p>February Update</p> <p>There has been an increased number of incidents in February that cause concern and heighten awareness in regard to this risk. This is a risk that must be managed and controlled by BPL. Measures to be implemented include, personnel responsibilities around site fencing, training course in traffic awareness, increased management focus on site walks / site inspections</p> <p>March Update</p> <p>Maintained as a project risk. In recognition of additional crews onsite an additional Safety Co-ordinator will commence onsite in early April.</p> <p>April Update</p> <p>April Safety Record is commendable however</p>	BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<p>risk remains. This is particularly the case with the increased presence of live services below ground in the form of Energex and Telstra.</p> <p>May Update</p> <p>Extended rain periods in the month affected the quality of the temporary road pavement with various pot holes forming in the road. Temporary pavements and crossings have been assessed and a number repaired or replaced.</p> <p>July Update</p> <p>A significant number of minor traffic switches will be ongoing through August. Particularly as signal installation progress. The risk of incidents remain</p> <p>August Update</p> <p>There has been a number of incidents and accidents in August with the worst being a traffic related strike to a worker.</p> <p>September Update</p> <p>With the significant decrease of works onsite due to access issues, there were no major events onsite</p> <p>October Update</p> <p>As per September</p>		

Released under the DTIR

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
3	Weather	No	No	<p>May 2012 Update</p> <p>2 week long periods of rain showers has affected pavement work in the southern region. This is unseasonable rain and not accounted for in the programme</p> <p>June Update</p> <p>Rain periods in the last week of June affected a number of key activities, though many crews continued to work in the rain and minimal time was lost to the program winter months</p> <p>July Update</p> <p>Wet Weather remains a primary risk to Kerb to Kerb completion. At this time of year it would be unseasonal however rainfall to-date would indicate the possibility that rainfall would be expected.</p> <p>September Update</p> <p>With most of the scope complete, inclement weather has less of an impact, though will ultimately impact completion of defects and omissions.</p> <p>October Update</p> <p>As per September</p>	BPL	Ongoing
4	Caltex Site	Yes	Yes	<p>BPL to assist in providing information as to timelines and impacts. Process is with the GCRT Property Team to manage. Regular meetings to be convened and matter to be an agenda topic for progress meetings so that all parties are fully informed</p> <p>January Report Update</p> <p>Due to Telstra works, this site needs to be remediated to allow Energex to move the padmount transformer to allow Telstra civil works to progress.</p> <p>February Report Update</p> <p>Currently awaiting information as to when the works will be undertaken by third party.</p> <p>March Report Update</p> <p>Contract awarded and interface meeting to be held with McMahon Contractors. OTEK still to provide date when decontamination will occur to confirm when inground services can be constructed through area.</p> <p>April Report Update</p> <p>OTEK contractors have removed all the tanks and infrastructure in April. The ground still to be</p>	GCRT	Closed

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				decontaminated at a date not yet advised. May Report Update OTEK and their contractors completed the remediation works in late May. January Update Caltex has informed BPL that the service station will not re-open in January as originally planned. Instead, Caltex have opted to complete the entire shop and station floor to allow a full opening in late March / early April. February Update No update required. Comments as per January. March Update As per February. Service station expected to open in early April. April Update Service station now open and operating. Low risk		

Released under RTI - DMR

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
5	Design Documentation	Yes	Yes	<p>January 2012</p> <p>A significant number of watermain designs have been turned around through January. Minor issues still exist on a small number of designs however these are being worked through with no anticipated delays to the construction programme. The impact on programme is now being evaluated as part of the planning process.</p> <p>February</p> <p>Close to the projects largest risk to programme. Significant time is being taken to turnaround RFIs. The increased number of RFIs this month confirms this fact that, as the project moves into the North, the incidents of design clashes remain ever-present.</p> <p>March</p> <p>The prioritising of RFIs has assisted in turning critical RFIs around. This still remains a risk, especially with Dave Clark (Aurecon) leaving the Project.</p> <p>April</p> <p>Minor watermain issues still haunt the project particularly with the larger property connections off W3. There is a high presence of unresolved property works on the Design Issues Register which will add days to the programme if not sorted by the group quickly.</p> <p>May Update</p> <p>Outstanding property works design remains the focus May. Actions by SMEC to consolidate and finalise is occurring</p> <p>June Update</p> <p>All major PUP and civil work design packages complete and released. Progress has been made of property works with the status of most of the outstanding being final agreement with the owners.</p> <p>July Update</p> <p>Design is now a minor risk with only a small amount of property works design outstanding.</p> <p>August Update</p> <p>No change from last month</p> <p>October Update</p> <p><i>Design documentation for property works is not suitably compiled. The extent of works can only be deduced through collating various site instructions, CRFIs and recognizing what remain on original design.</i></p>	GCRT	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
6	Property Owner expectation	No	Yes	<p>January 2012 Update</p> <p>This item will become increasingly prevalent over the coming months as property works begin to ramp up. Currently issues are being handled well in-house with no need for elevation.</p> <p>February Update</p> <p>Similar comments to January however of concern is the apparent lack of consultation completed between GCRT / Aurecon and individual property owners in regard to property works. An additional communications resource will commence on the project in early March to assist in accelerating this process.</p> <p>March update</p> <p>A risk to the back end of the Project. There is still a considerable amount of property works to be agreed with the property owners.</p> <p>April update</p> <p>There is still a considerable amount of property works to be agreed with the property owners.</p> <p>May Update</p> <p>With the handover of the south at the end of May the number of stakeholders is to reduce, though the northern section of the project will see much more activity. By having 2 resources the manage a smaller area, the project is well placed to manage.</p> <p>June Update</p> <p>The site is awaiting confirmation of direction of what is required to completed or what will be removed from scope. This may impact on community perception</p> <p>July Update</p> <p>It is understood that BPL will continue with the full scope of accommodation works. Consequently the risk of not meeting Stakeholder expectations remains, al-be-it minimal.</p> <p>August Update</p> <p>No update this month. Still waiting for property accommodation works designs and sign off from owners which is causing some concern for BPL and owners</p> <p>September Update</p> <p>Progress has been slow and was mostly restricted to works behind the property boundary. The other (main) works were reliant of resolution of access to Goldling's site</p>	GCRT / BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<p>October Update</p> <p><i>With the client's budget not exceeding \$75m, there are numerous properties that remain unfinished (mostly due to uncompleted works as opposed to outstanding defects). With a delay with whoever is tasked with completing these works, these residents will become very concerned. GCRT and BPL have commenced a message that could be used to explain what is occurring, but that has not been agreed.</i></p>		
7	Complaints re noise, interference, etc. – vandals action	Yes	No	<p>Pre-2012 Updates omitted from the report</p> <p>February 2012 Update Of minimal risk to the project</p> <p>March Update Of minimal risk to the project</p> <p>May update Three instances of graffiti in the month. These were mostly to equipment and not permanent works</p> <p>June update Minimal complaints despite the continued nightshift. These are mostly centred around Second Ave and SP Blvd</p> <p>July Update Complaints remain consistent with the continued rollout of a heavy night works schedule. It is expected that the complaints will remain at current levels for at least the next month as the team strives for kerb to Kerb completion.</p> <p>August Update Complaints occurring in August focused around the large nightshifts that were conducted to meet programme date. These normally related to noise of asphaltting equipment</p> <p>September Update Complaints in September were primarily based on the lack of action on site due to no access. A 'holding statement' was used, but until access to obtained, these will continue to arrive</p> <p>October Update As per September</p>	BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
8	Asbestos in buildings	No	Yes	Works all complete in buildings Pre 2012 Updates removed	GCRT	Closed
9	Provision of bus stops along alignment	Yes	Yes	<p>Resolve the matter as to whether bus stops are required or not. Work in a collaborative manner to ensure the number of bus stops is minimised and solution has as little impact as possible on the staging and delivery of the works.</p> <p>January Report Update</p> <p>Matter resolved with the provision of temporary bus stops now required. Works implemented from the 4th January 2011 and requires ongoing assessment, management and maintenance</p> <p>No longer a risk to the project.</p>	GCRT / BPL	Closed

Released under RTI - DMR

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
10	Additional scope of works added to project	Yes	Yes	<p>Pre-2012 Updates omitted from this report.</p> <p>March Update</p> <p>A slight risk in re-locating the bus-stop from the front of the Shell service station to allow pavements in this area to proceed.</p> <p>April Update</p> <p>Remains a slight risk to the Project with relocation of the Bus Stop from the Shell Service Station and also the relocation of the Bus Stop from Second Avenue to First Avenue.</p> <p>May Update</p> <p>Remains a slight risk to the Project with the designs for property works still outstanding in some instances.</p> <p>June Update</p> <p>Scope increases include:</p> <ul style="list-style-type: none"> • 237m of 375dia watermain relocation • Various property works which are greater than existing scope (Sapporo, Club Surfers etc) <p>There was some scope decrease in the project, these include street lighting north of Wharf Rd and potential reduction in median kerbs</p> <p>July Update</p> <p>Minimal risk now to the project program however flow-on effects are being reflected in Project Costs.</p> <p>August Update</p> <p>Items of additional scope are all minor in nature and relate the finishing works and property accommodation works. The extent of these may create a large problem though each individual item is relatively minor</p> <p>September Update</p> <p>As per August</p> <p>October Update</p> <p><i>With poor design documentation and various opinions of who is responsible for what, Boulderstone continues to receive site instructions for additional works. It is also understood that there may be an increase in the bin slab forecast</i></p>	GCRT	Open

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
11	PUP requirements for protection of existing assets	Yes	Yes	<p>Pre-2012 omitted from this report</p> <p>February Update</p> <p>A notable risk not foreseen up until recently. This is particularly the case for Allconnex assets and the apparent increased focus on preserving the integrity of an aging network. Potential for additional scope is significant.</p> <p>March Update</p> <p>High Risk. The requirement to upgrade Allconnex assets such as sewer manholes, hydrants, spindles and property connections will affect program.</p> <p>April Update</p> <p>Remains a high risk. With live services in the ground constantly increasing there is an increasing requirement to ensure the existing assets are protected.</p> <p>May Update</p> <p>The clearance between the 375dia trunk main and pavement in the northern section of the project is now identified as a serious interface between activities. This was not picked up in the reduced clearance audit. Workshops looking at pavement types or watermain modifications is occurring.</p> <p>June Update</p> <p>The 375dia watermain was replaced to remove the impact of working around the watermain. Further sections of this main have been identified though due to their depth from pavement works the treatment is less. Potentially other areas exist.</p> <p>July Update</p> <p>Protection of the 375mm watermain continues to be a risk to program with modified construction methods and observational testing required.</p> <p>August Update</p> <p>The roads have been built and this item no longer appears as a risk to the project</p>	SMEC/ BPL	Closed

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
12	Goldling (MacDow) Interface	Yes	Yes	<p>NEW ITEM</p> <p>From practical completion at the end of the August, this EEW project was expected to operate within the Goldling (MacDow) site and under the deed complying with their WHS requirements.</p> <p>The requirements of Goldling (MacDow) regularly changes, and despite the site teams addressing these issues, further restrains are placed on the project preventing access.</p> <p>The first two weeks of September were lost due to the toing and froing on these requirements, and while partial possession being given back to the site team in the latter two weeks of September, works are now out of sequence and are often rushed into given the limitations of areas given.</p> <p>The partial possessions have served a purpose of getting some of the larger areas of the work mostly complete, though it has been indicated that these possession with cease to be given in the future and the site team will have to work under Goldling.</p> <p>To resolve these issues the following needs to confirmed:</p> <ul style="list-style-type: none"> • Single list of requirements • BPL to address the items of note (regardless of whether they are pedantic or not) <p>October Update</p> <p><i>The above item continued to occur throughout October, though there was a shift in late October where senior management of Goldling and MacDow extracted themselves from the process of approvals (contrary to what Boulderstone were told in meeting with MacDow Project Director on 30th August 2012) and BPL are dealing with the MacDow site team. Approvals have commenced and the MacDow team have been more flexible.</i></p> <p><i>With the \$75m cap assigned to the project, all the work packs developed for contract works have now been put aside and the site team has to placed significant focus on work packs for defects</i></p>	GCRT	Open

Appendix A – Current construction programme – Not included

Released under RTI - DTMR

Appendix B – Design Priority Register

NOT USED

Released under RTI - DTMR

Appendix C – Current Lot Register

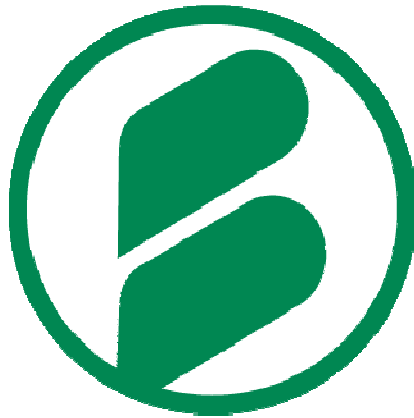
Released under RTI - DTMR

Appendix D – Current NCR register

Released under RTI - DTMR

Appendix E – Health Survey Results & Relationship Workshop Report

Released under RTI - DTMR



BAULDERSTONE

Monthly Report

April 2011

Gold Coast Rapid Transit – Broadbeach Roadworks

Contract Number PID10-111

Released under RTI - DTMR

Rev #	Description of change	Prepared by	Date
1	Client submission	fuse Sch.4 P (SMEC)	6/05/2011
	Minor amendments		6/05/2011

Approved for use:

	Position	Signature	Date
fuse Sch.4 P	Contractor's Representative		6/05/2011
			/ /

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Progress Photograph



Telstra Pit (Manhole 89) location after removal of Energex padmount transformer (Critical path work)



Completed Southern Stage 2 Traffic Switch



Completed Property Accommodation works – Sherwood Court



Completed Property Accommodation works – New Mexico/Paradise Inn

Executive Summary

The month of April 2011 was a short month with only 3 weeks of production before the site closed for the two long weekends and with most of the Boulderstone team having the three days between off as part of Boulderstone's Fatigue management strategy.

The key decision within the month of April was the granting of 94 calendar days extension of time recognising the impact of the Telstra works on the program, with Boulderstone proposed Revision 3 contract program targeting practical completion of 27th January 2012 being accepted by the Contract Administrator (SMEC).

The Stage 2 traffic switch of the southern zone was implemented in April with the opening of Australia and Armrick Aves, and the creation of a large work compound to allow the commencement of the project main stormwater drainage systems.

Unidentified services are still causing considerable disruption to the progress of works and development of designs on the project in April 2011. The site team is still spending considerable time and resources to overcome the conflicts and limit the impacts on the project even with the allocation of Aurecon resources dedicated to the project. These Aurecon resources are still in the process of inputting all the PUP authorities design into a single 3D model and have yet to commence the main task of identifying the conflicts of these designs and developing the solutions.

Coordination with PUP authorities is continuing, with successful operations by Energex to remove the pad-mounted transformer outside Club Surfers. Telstra has awarded its contract for their relocation works, with the contractor being the same as the one installing the Telstra early works (Brisbane Directional Boring).

The extent of property accommodation works continues to increase with the site team identifying significant conflicts on the property boundary either through differential grades between proposed road reserve and existing property levels (i.e. more retaining walls), and existing property works that extend into the road reserve requiring removal and adjustments. One major area identified is what will amount to a significant removal of existing trees and property accommodation works outside the Crowne Plaza.

Interactions between Boulderstone, SMEC and GCRT have been positive, though there is increasing frustrations with Aurecon in their ability to provide designs and respond to design conflicts and queries which is affecting the progress of the project.

Progress of Work

Project Overview

The progress of works in April 2011 is still behind what was planned by the site team due to the ongoing design conflicts affecting scheduled work. While effort and further resources have been committed by many of the key parties, the results of this additional works have yet to have been felt on the project.

The critical path program activities are being met, with the diversion of power and the removal of the pad-mounted transformer outside Club Surfers being successfully removed on the planned date. This now allows for the Telstra pit (manhole 89) to commence in conjunction with the installation of Telstra's conduit network

Other PUP works including watermain and sewer diversions, and installation of the Energex civil works (beyond the critical path activities) continue to be significantly affected by conflicting designs and slow resolutions on clashes identified on the site. There has been little progress on these activities, and while Boulderstone are looking to mitigate costs, delays to these sub-contractors are occurring.

The Southern Stage 1 storm-water drainage and pavement works were completed in early April, with Australia and Armrick Avenues being reopened and the Southern Stage 2 traffic implemented. The Southern Stage 1 side street stormwater drainage works were installed after many additional design changes, allowing for the pavement works to be completed and asphalt placed. The Southern Stage 2 was implemented with over 1km of barriers and fencing installed to compound of a large work area to allow the commencement of the main portion of the project's stormwater drainage.

Property works in April concentrated on the completion of property adjustment on the western side of the Gold Coast High, where most of the works were the completion of smaller defects and minor outstanding works. The properties from the Vet to the Surfers Paradise Motor Inn are substantially complete, allowing for the remaining properties adjustments on the eastern side of the road (D'Arcy Arms, Chaopraya Thai and Surfers Backpackers) to commence starting in May 2011.

The full demolition works of St Moritz has been very slow given the complexity of the building and difficult stakeholders adjacent to the works. Anita Apartments demolition works will commence in May.

As with the previous month, the site team are being tasked with desk top conflict reviews, investigation works and having to constantly change priorities as further challenges are identified by both the site team and PUP authorities. While there has been progress with the consolidation of all the PUP authorities' designs, identifying location and solutions of clashes has yet to commence and continues to impact on the progress of the works.

Progress Status Commentary

Physical works are described below:

Planned Activities	Impacts
PUP electrical relocation to remove the pad-mount transformer at Club Surfers	Club Surfers pad mounted transformer has been removed.
Early Telstra civil works installation on western side	Telstra contractors completing in-ground services works on the western side of the Gold Coast highway, though access to some areas is dependent on completion of the clash analysis.
Sewer, Watermain and Energex Civil works	Continued delays to the work, due to conflicting designs between proposed services and existing inground services (both identified and unidentified). Sewer works scheduled have yet to commence awaiting updated design.
Stormwater drainage (SWD) and road reconstruction at closed intersections (Australia, Armrick and Second Avenues)	Stormwater drainage works commenced in the southern areas and in Neddy Harper Park. Delays to commencement of SWD outside Cascade Gardens while redesign to minimise affect on 110kV which clashes with the current design.
Property adjustment works	Property accommodation work scopes continue to change from what was detailed in the contract drawings. Many changes are being made on-site to address concerns of functionality and from residents who wish to have their input into the designs. The extent of additional works in increasing with conflicts on the property boundary either through differential grades between proposed road reserve and existing property levels (i.e. more retaining walls), and existing property works that extend into the road reserve requiring removal and adjustments (Crowne Plaza will require significant works). The impact of this work is that the site team managing property works will be required beyond what was planned.
Traffic Management	Southern Stage 2 traffic switch implemented

Information Flow and Timeliness of Decisions for Work under the Contract

The flow of information and timeliness of responses on this project is of key concern and is the main factor causing current delays to the project.

Design Status

The status of suitable designs and slow responses to design clashes identified on site is significantly impacting the project. Almost half the scheduled work has been delayed due to the slow turn around and is increasingly requiring more and more of the site team's time to assist in identifying, measuring and resolving these design issues, which is drawing our resources away from our planning and construction management responsibilities.

Two work station locations were created in the Site Office in April, with internet connection provided through the Boulderstone server. Two Aurecon representative started to work out of the Site Office, though the site team are concerned that these resources are frequently away from the site office for reasons unknown.

The three pressing design matters on the project remain:

1. Consolidation of all the PUP authority drawings into a single non-conflicting set. Much time has been spent on this task, though the completion of this task is still not final and continues to be of key concern.
2. Review of current designs to prevent the ongoing clash with unidentified services (Aurecon to complete the 3D clash analysis). Until the consolidation of the PUP authority designs have been completed (point 1), this activity cannot commence and will soon affect critical path activities.
3. Response time to address design clashes. Throughout April it has become more evident that the process to approve any design changes (brought around by clashes with unidentified services) is an exhaustive process requiring input and approvals from various stakeholders. Allconnex have increasingly become a stakeholder of concern, where their input is often slow or not being of the co-operative nature that produces 'best for project' outcomes.

RFI's Raised / Responded

The number of RFI's raised continues to increase and SMEC are working hard to address the issues where decisions can be made on-site with the Site team. The backlog of answers of both RFI raised through Project Centre and included on the design meeting minutes remains predominately with Aurecon, GCRT and Allconnex.

The following key designs issues continue to remain high priority and were not resolved within April, with various impacts on the works (decisions/action required from parties in the brackets):

- Clash review (incl. overcoming all clashes with 110kV cables, stormwater & water design issues within southern section of the works, Optus pits, etc) (Aurecon),
- Completion/updating of 12D model (Aurecon),
- Completion and endorsement of all Water and Sewer design drawings (Aurecon / Allconnex),
- Completion of Street-lighting design and drawings (Aurecon / GCRT),
- Completion of review of project pavement designs (in order to simplify the works) (Aurecon),
- Cascade Gardens major stormwater design review (Aurecon - & requires approval from GCCC),
- Wharf Rd / Duty Free Building design issues (Aurecon / GCRT),
- Club Surfers (GCRT to discuss with Architect regarding handrails, balustrades, and other finishing works requested by Body Corporate),
- Redesign of Wharf Rd intersection configuration to avoid 2Nos. of existing large fig trees (Aurecon),
- Review/Redesign of Property resumptions/impacts (particularly the Southern Section, incl. Crowne Plaza, MEC Cafe, Saffron property) (Aurecon / GCRT, with SMEC/BQPL to assist where required),
- Design of driveway and property works at Ipanema (GCRT / Aurecon),
- Review/Redesign of Driveways (Aurecon & SMEC/BQPL to assist where required),
- Second Ave long-term bus stop (Aurecon),
- Neddy Harper Park long-term bus stop (Aurecon),

- Kerb designs for central median (Aurecon),
- Telstra Pit 89 top cover slab (Aurecon),
- Landscaping/Urban design (footpaths, etc) (GCRT / Aurecon).

PUP Management and Interfaces

The installation of PUP on the project continues to be affected by the unresolved PUP design consolidation, clash analysis and resolution, and the lack of cooperation from Allconnex. To date, this unresolved design process has been a source of frustration and has delayed much work, but in early May it is expected to impact the critical path of the project.

Energex commenced works on Site and coordination is ongoing ensuring that priorities are identified and Energex allocate the resources to these areas. The critical path relocation of the pad mount transformer was conducted in April with Boulderstone and Energex's site team developing a good working relationship, resulting in planned and successful work. The other Energex teams completing the electrical design and the team who advise on requirements of working around this network continue to be a source of frustration, constantly issuing new requirements and developing plans without consulting with the site team.

Concerns still exist with the Energex team completing the design, and their willingness to adjust their approach to meet the best for project approach not just best for Energex. The following concerns however still exist:

- Completion of electrical designs to allow booking in of Energex relocation crews
- Resourcing of Energex relocation crews and prioritising these with Southport Roadworks
- Finding the key decision making people within each of the separate Energex departments (design, overheads, underground, transmission etc)

Telstra were issued the contract for the communications relocation, and they subsequently issued a contract to Brisbane Directional Boring to install the new network along the project alignment. Works will commence on this new network in May.

Boulderstone have not yet been issued Telstra's works program to input into the Contract Program (Rev3), though it has been identified that cables will still be jointed in early February 2012, which is 9 weeks behind what the current approved program details. It is important to note that this 9 week also includes a 4-5 week 'embargo' on adjustments to Telstra network over the Christmas break, meaning that they are really only ~4 week behind based on actual working days. Efforts will be made by the site team to assist and accelerate their works with the advanced (and difficult) target of completing this work before the 'embargo' period.

Whilst awaiting the Telstra's program, key questions that the Site team have of Telstra and their contractor (Brisbane Directional Boring):

- Sequence of installation of conduits
- Sequence of the installation and jointing of cables
- Work hours and production
- Completion dates for each of the five new 'lines' of Telstra conduits

Designs were received from APA (Gas) and Optus (Communications) in April and the designs need to be incorporated into the consolidated services design model that is currently being sought by the site team and referenced as being the key Project concern.

APA contractors (Tenix) have been identified and are available to attend the Project from May.

The Site Team is very concerned about cooperation from Allconnex to meet "best for project" directives. Despite many weeks of preparation of new designs by Aurecon, Allconnex are solely focused on meeting their network standards of which compromises will have to be made to physically fit all the PUP assets into the Project alignment. Through this unwillingness to relax specification requirement, the Site Team have yet to be issued a workable endorsed design for watermains and sewers on the project 6 months after project award. Boulderstone and SMEC have made efforts to start watermain installation on the project, though as every design clash is identified (due to no consolidated PUP design, conflict analysis and resolution) Allconnex insist on cumbersome and uncompromising design requirements and processes which often result in simple solutions taking up to 6 weeks to be designed and endorsed.

Commercial and Contractual

Cash Flow

Released under RTI - DTMR

Not Relevant

Variations

Not Relevant

Extensions of Time

Not Relevant

Predicted Final Contract Valuation

Not Relevant

QA (Quality of works completed and documentation)
Document Register

The table below has been updated to show only the drawing register in relation to Aurecon design drawings for the GCRT project. Some drawings are being issued 'for information only' allowing Baulderstone to understand the intent of what the design will be, though given uncertainty and the historically unreliability of unendorsed documents, it is not possible to order material given the likely chance the design will change again.

Revision Status	FC	FI	FT	(blank)	Grand Total
Count of Documents	327	176	301	20	804

Process Control Plans / Inspection and Test plans (PCP/ITP)

The PUP Management Plan (Rev.2) has been reissued to SMEC addressing comments. This document is likely to change given the nature of the project where Baulderstone will be conducting additional works beyond our contract (such as watermain cut overs) and we will require the addition of new specification requirements to SCRSS905.

The Safety Management Plan and Stakeholder and Community Management Plan have all been approved under the respective clauses of the contract.

ITP's continue to be populated into Civil Pro. Reviews have been performed by both Baulderstone and SMEC. The approval of each ITP is still processed through Project Centre using an electronic signature.

Construction Lot (status table as at date)

The current construction Lot Register can be seen in **Appendix C**. Due to the delays in scheduled works caused by uncompleted design and conflict resolution the number of lots created in April is less than half of what was planned.

No. of Lots Opened in Period	No. of Lots Conformed in Period	No. of Lots Guaranteed in Period	Total Open	Total Conformed	Total Guaranteed	TOTAL
45	48	29	35	213	37	285

Non-Conformance Report (NCR) (status table as at date)

Non-conformance reports have been issued for some lots within the property works adjustments. The NCR's released were of minor cost and as such there has been no requirement to include in Boulderstone's internal Quality Exchange (NCR's over \$5,000.00). The current NCR register can be seen in **Appendix D**.

Corrective Action Request (Contractor internal CAR)

A Corrective Action Request to date has not been issued under the Contract.

Corrective Action Request (Superintendent initiated CAR)

Only 1 CAR issued to date, with no CARs issued in April.

QA activities

The Quality Assurance process is following the requirements of the Quality Assurance Management Plan (Rev 6).

Community and Stakeholders

General

The communications and stakeholder engagement (CSE) team continue to meet with residents and property owners regarding active and planned property works, and continue to monitor and respond to any community concerns regarding night works and project activity.

For the month of April 2011 activities and resources were concentrated on communicating the Southern Stage 2 traffic change via meetings with stakeholders, community notifications and newspaper advertisements. Communications continued with stakeholders and surrounding properties regarding the demolition works at St Moritz, and liaison with property owners, body corporates and residents regarding works at The Paradise Inn/New Mexico Restaurant, Surf City Church, Sherwood Court and finishing works at Club Surfers.

Significant activities were concentrated on communicating Telstra activities (night-works and upcoming pit works) and Energex activities (power cut overs) in the project site. This work required a high level of consultation and communication with Gold Coast Bridge Club, Club Surfers and Ipanema Apartments, as well as notifying the general community regarding Telstra night-works. Activities for the month of April also included notification by GCRT staff via doorknocking to businesses along the Gold Coast Highway of the upcoming Businesses Strengthening Program.

General public utility works have also required significant engagement and on site meetings with the following stakeholders:

- Gold Coast Bridge Club
- Mantra Wings
- Azzura Constructions
- Ipanema Apartments
- Surfers Paradise Fire & Rescue
- Caltex Service Station
- Shell Service Station

Communication action plans and notifications have been implemented for:

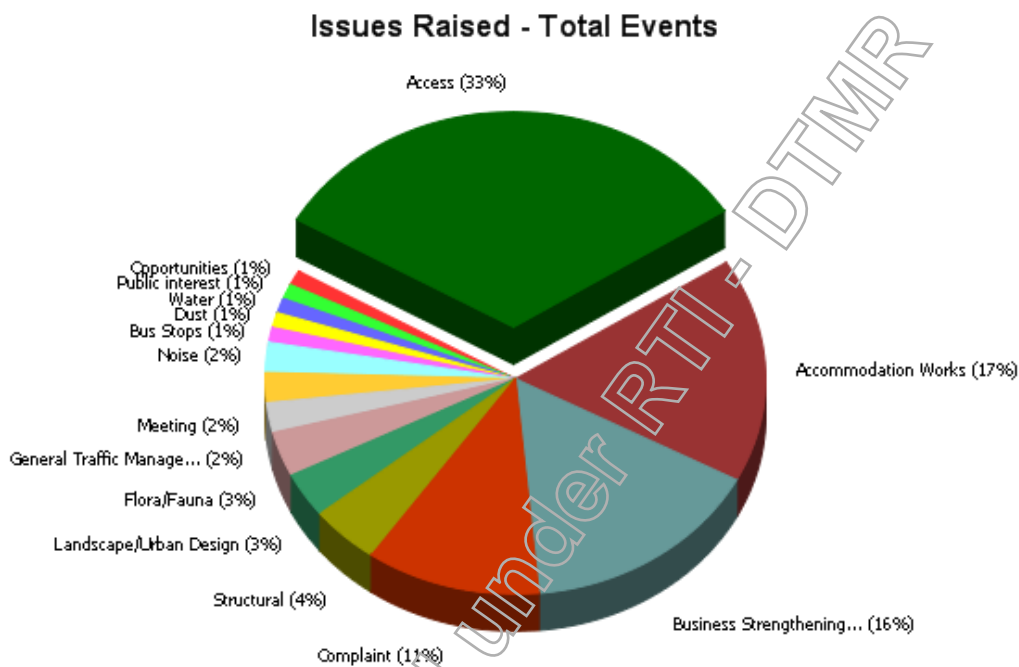
- CAP #8 (amended) Night-works for Telstra road-crossings (commencing early May)

On Friday 1 April 2011 a water main was struck by Telstra's sub-contractor (Brisbane Directional Boring) whilst backfilling in Armrick Avenue on the Broadbeach roadworks site; conducting third party services relocation work. No properties in the vicinity were immediately affected, and at approximately 1.30pm businesses nearby were informed of the problem and informed them that to rectify the problem would mean shutting down their water supply for approximately 1 hour.

Attempts were made to shut the main down by Allconnex at the intersection, but this was unsuccessful, which meant that the water would need to be shut down from the intersection of Armrick and Surf Parade (1 block back from Gold Coast Highway). Prior to this occurring, at approximately 2.15pm businesses and residents were “door-knocked” along both sides of this block to inform them of the problem and advised them that they would be without water for approximately one hour. Allconnex also drove their truck up and down this block to inform residents via loudspeaker. The water was shut off by Allconnex at approx 2.30pm, and was repaired by 3.45pm, with water being turned back on at approximately 4pm. Broadbeach road-works have not received any phone calls or complaints relating to this incident.

Calls and Complaints

A total of 81 “events” were recorded by the CSE team for the month of April, with 10 (11%) of these events recorded as complaints. Further information is provided in the Consultation Manager graph below:



Issues	Events
Access	29
Accommodation Works	15
Business Strengthening Program	14
Complaint	10
Structural	4
Flora/Fauna	3
Landscape/Urban Design	3
General Traffic Management	2
Noise	2
Meeting	2
Public interest	1
Opportunities	1
Water	1
Bus Stops	1
Dust	1
[No Issues]	3
Total event search	81

Traffic

Traffic management and planning has been undertaken to a very high standard to date with a close working relationship with SMEC and the traffic stakeholders to ensure that the roles and responsibilities are understood, information is transferred efficiently and decisions made promptly.

A DTMR Traffic Management audit was conducted in April resulting in an excellent report listing no major concerns and only 1 minor concern (some water filled barriers had leaked and were empty).

The Southern Stage 2 traffic switch occurred in mid-April and is working well with no accidents or major concerns noted. This work was conducted in the planned manner over a number of night shifts with a controlled shift from the existing traffic arrangement to the new, with excellent coordination between Boulderstone and SMEC.

Boulderstone's proposal to provide an option to accelerate the program by closing Surfers Paradise Blvd was presented to the wider GCRT team and key stakeholders in April, resulting in a definitive "No Go" result as GCCC consider that the current infrastructure in the Surfers Paradise area is not currently capable of this closure.

A proposal to close Monaco St for long weekends was received well, and Boulderstone are currently preparing plans for submission to allow for this efficient traffic management scenario to allow concurrent PUP crossings.

Traffic Management Plan

Works are progressing under Traffic Management Plan Revision 3 which has received conditional approval.

Traffic Guidance Schemes (TGS)

The following traffic guidance schemes are active or being prepared:

- TGS001 (rev5) – Removal of the centre median – Complete
- TGS002 (rev2) – Southern stage 1 – Complete
- TGS003 (rev1) – Northern stage 1 – In use
- TGS004 – Via Roma U Turn – In use
- TGS005 – Emergency response – Used twice for emergency responses
- TGS006 – Southern Stage 2 – Implemented
- TGS007 – Short term lane closures (slow and fast lanes) – In Use
- TGS008 – North Stage 2 - Under preparation
- TGS009 – Monaco St Closure - Under preparation

Traffic Meetings

Meetings were held with GCRT and external parties as part of the TMLG on the 6th April 2011 which approved Revision 3 of the Traffic Management Plan.

Local Industry Participation

Procurement continues to be in accordance with the Local Industry Participation Plan (LIPP). The following table reflects the letting performance undertaken to date which does not differ from the previous month:

Total Project Value	\$25m				
	Amount	%		Number	%
Total Value of contracts let to date	\$16.7m (\$14.48m)*		Total number of contracts let	46	
Value of contracts let within GCCC local government area	\$11.1m	69% (76%)*	Number of contracts let within GCCC local government area	30	65%
Value of contracts let outside GCCC local government area but within Queensland	\$ 5.3m*	29%	Number of contracts let outside GCCC local government area but within Queensland	14	31%
Value of contracts let outside Queensland	\$ 0.3m	2%	Number of contracts let outside Queensland	2	4%

* indicates the figures when the exclusions of materials that could not be sourced from GCCC local government area is factored, and includes:

- Precast stormwater drainage components \$1m
- Traffic signal equipment \$0.68
- Water and sewer pipe work \$0.54

At the end of the period, the following snapshot data is provided:

- Turnover to date is approximately \$4.1m
- Local contractor expenditure is approximately \$2.8m
- Number of workers on site is on average 85

Team Resources and Cooperation

Staff and Subcontractors

Boulderstone and SMEC staffing of the project is increasing to reflect the change in scope and the restaging of the project to meet revised practical completion date. The changes made to the Boulderstone team:

- Senior PUP Project Engineer – [Part Refuse Sch.4 Part 4 s.6 Personal information]
- PUP Project Engineer – [Part Refuse Sch.4 Part 4 s.6 Personal information]
- Foreman (PUP) – [Part Refuse Sch.4 Part 4 s.6 Personal information]
- Foreman (Properties) – [Part Refuse Sch.4 Part 4 s.6 Personal information]
- Surveyor – [Part Refuse Sch.4 Part 4 s.6 Personal information]

Boulderstone's workforce will increase to allow for a dedicated potholing team and a leading hand resource to assist in coordinating all the PUP authority contractors' on-site.

Boulderstone's Site Organisation Chart is provided in **Appendix B**.

The number of subcontractors and supplier organisations engaged to date is 46.

SMEC resources will be increased with a second Project Engineer to assist with resolving design issues on the project and to assist with surveillance activities associated with the PUP works.

Relationship between Principal / Superintendent / Contractor

The relationship between the Principal / Superintendent / Contractor continues to be to proactive with open and honest communications. The challenges to the Project remain frustrating for these three parties, though the effort and commitment of Boulderstone / SMEC / GCRT is strong. The frustration with this Project remains with other parties not applying the same whole team commitment to resolve issues on “best for project” basis.

CAP meetings continue to be held every Monday morning (incl. GCCC and GCRT representatives) and the flow of clear and honest information continues and all parties are happy with this.

Safety

Incidents

1. Telstra incident related to a 3rd party sub-contractor not working directly under the Contract, their work involving the laying conduits at the intersection of Armrick and Gold Coast Highway. The excavation and installation of conduit went without mishap, they were backfilling the trenches when as the operator was levelling the fill in the trench the bucket caught a ferrel on the top of the pipe bursting the main.
2. A total of four trucks were vandalised with the windscreens being damaged. Police attended the site (ref: Police report "QP1100297346"). The initial police investigation suggested slingshot with marbles and further determined by Police forensics that pellets were fired from an air rifle.

Safety Statistics and Notices

Hours worked in period		
Staff	Labour	Subcontractor

Dec-10	1900	440	2740
Jan-11	1824	628	2492
Feb-11	3172	628	5607
Mar-11	4943	748	6182
Apr-11	3637	592	4940

Hours worked to date		
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	15476	3036	21961
MTI's	0		
FAI's	0		

Inductions

Total inductions to date: 577
 April 2011 inductions: 134

Safety Initiatives

Initiatives implemented to date include:

- Training for spotting for overhead powerlines organised.
- Training for traffic management for staff and labour.
- Delivery checklist (including inspection and induction).
- No right hand turns allowed unless at signalised intersection following traffic incident.
- Toolbox with all sub-contractors in requirements for Buried Services Permit.
- Training commenced on services locator.
- Delivery of a 'position of safety' platform for use next to trenches.
- Potholing requirements for flexible lines have been increase to 1m intervals when the line cannot carry a current for ground radar.
- The Broadbeach Police came and gave a Road Safety Presentation to everyone at the Toolbox on the 18th April speaking about the dangers of driving over the Easter holiday break. The discussion was very well accepted by all who attended.

Site Toolbox Talks

Site tool box talks have continued in April (every Tuesday at 6:30am) with compulsory attendance by all staff and workers for Boulderstone.

Site Safety Walk

Weekly site safety walks continued in April. Members included: Superintendent's Representative and Engineer, GCRT Safety Manager, and Boulderstone's Contractor's Representative, Safety Coordinator and Civil Superintendent.

Safety Committee

Site Safety Committee has been established with the meetings held on site on the last Tuesday of every month. Representatives from Boulderstone, SMEC and subcontractors are in attendance.

Issues raised in April:

- Illegal movements by supplier delivery vehicles,
- Trench covers and fall protections around trenches,
- Suitability of PPE used (i.e. could fingerless gloves be used).

Environment

Weekly inspections continue to be undertaken. Refuse Sch.4 Part (Construction Manager), Refuse Sch.4 Pa (Site Engineer), Refuse Sch.4 Part (Site Engineer), Refuse Sch.4 Part, Environmental Coordinator) and a representative of SMEC undertake these inspections. Findings/observations are tabled within a weekly report and at the weekly Boulderstone project meeting.

Mechanical demolition continues with vibration and noise monitoring occurring to record impacts on surrounding properties.

Significant rainfall over short periods has required the Site Team to implement more frequent maintenance and monitoring of the new stormwater drainage networks, ensuring that the system and the any temporary works are adequate.

De-watering operations commence in the Southern area of the Project using spear pumps, allowing for a main stormwater drainage connection to be installed. The water pumped from the spears discharges into a settlement tank before discharge into the stormwater system. Testing of this ground water has commenced, with the results being returned within the prescribed limits and meeting both project and internal Boulderstone requirements.

In mid-April during the commencement of excavation for drainage works in the Southern Section, bones were discovered in the excavation with GC Hwy. The Site Team implemented the Cultural Heritage Management Plan, where indigenous parties were notified and gave consent for Police and/or Vet to identify if remains were human. The inspection concluded that these were cattle bones; no further action was required.

Risks to Contract and the Project

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
1	Interface with PUP agencies and finalisation of design - Currently awaiting "For Construction" documentation and endorsed drawings	Yes	Yes	<p>Regular meetings to be convened with PUP owners to ensure design works are in accordance with the contract program and issues identified early. Coordination of physical works to be managed by BPL with clear timeframes established and communicated. BPL to ensure dedicated resource on site to coordinate activities.</p> <p>January Report Update</p> <p>Critical issue with the relocation of Telstra assets which is having a direct impact on the project and the ability to progress the works. This has flow on implications to the Energex works and the Caltex remediation activities (by others).EOT claim being developed which indicates an impact of over 5 months to the project</p> <p>February Report Update</p> <p>Telstra remains a critical impact on the project. Energex design is also a further issue that is impacting the project. Boulderstone will need to engage additional resources to manage the reviews, design, coordination and construction planning. Accelerated program submitted with a revised date of PC out to the 8th March 2011</p> <p>March Report Update</p> <p>Site team is waiting for the award of the Telstra contract allowing coordination and program to be finalised with successful contractor. Energex still remains a concern to the project with the design yet to be complete, and the unreliability of a single point of contact/decision. Boulderstone is establishing who are the key people within the organisation who make decisions and establishing dialogue</p>	BPL / GCRT	Open

Item	Risk	GCRT		Treatment	Action by	Status
				<p>April Report Update</p> <p>Telstra have been awarded the contract on the last day of Boulderstone work in April allowing coordination and program to be finalised with successful contractor to commence in May.</p> <p>Coordination with Energex teams for the removal of the pad-mount transformer was successful and future planning with this team is ongoing</p> <p>The primary concern which will continue to affect the progress of the works is the consolidation, clash analysis and conflict resolution of combined services 3D model (proposed PUP works and existing services)</p>		
2	Risk of incidents, eg. safety, traffic incident	No	No	<p>Ensure that each activity is reviewed individually for the risks and hazards. Eliminate where possible, however ensure those that remain are addressed appropriately. Review the activities once underway and look for new hazards and means of improving the safety of the environment.</p> <p>February Report Update</p> <p>Full time resource allocated to the project with assistance in the commercial area also provided to ensure that the procurement activities ensure proper and detailed engagement is undertaken. Additional training required during the course of the projects for local subbies to maintain standards.</p> <p>March Report Update</p> <p>Internal reviews with Boulderstone Safety personnel on the effectiveness of the processes and procedures being employed on the project.</p>	BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		No	No			
3	Weather	No	No	<p>The effects to be managed by BPL with the strategy of getting in early where possible to areas. This approach needs to be embraced by GCRT so that the effects are minimised.</p> <p>January Report Update</p> <p>We have experienced impacts on the project as a result of weather outside the project with the Brisbane floods and Cyclone Yasi impacting materials availability and resources (particularly service authorities).</p> <p>February Report Update</p> <p>Minimal loss of time due to inclement weather with the main issue being the hot weather experienced and the risk of dehydration. This is being proactively managed on site.</p> <p>March Update</p> <p>More wet weather in March, with wet weather affecting pavement works. Civil team is managing process by ordering material with suitable material moisture contents. Other teams are working around the 'showers'.</p>	BPL	Ongoing
4	Caltex Site	Yes	Yes	<p>BPL to assist in providing information as to timelines and impacts. Process is with the GCRT Property Team to manage. Regular meetings to be convened and matter to be an agenda topic for progress meetings so that all parties are fully informed</p> <p>January Report Update</p> <p>Due to Telstra works, this site needs to be remediated to allow Energex to move the padmount transformer to allow Telstra civil works to progress.</p> <p>February Report Update</p> <p>Currently awaiting information as to when the works will be undertaken by third party.</p> <p>March Report Update</p> <p>Contract awarded and interface meeting to be held with McMahon Contractors. OTEK still to provide date when decontamination will occur to confirm when inground services can be constructed through area.</p> <p>April Report Update</p> <p>OTEK contractors have removed all the tanks and infrastructure in April. The ground zones are still to be decontaminated at a date not yet advised.</p>	GCRT	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Yes	Yes			
5	Design Documentation	Yes	Yes	<p>Design documentation reconciliation to be undertaken.</p> <p>Design status to be provided to assess impacts on the works (including procurement).</p> <p>January Report Update</p> <p>The main problems with the documentation is that there has not been a clash analysis undertaken which is evident by the fact that we have experienced clashes with the stormwater at Australia avenue, Armrick Avenue and Second Avenue (100% clash rate currently) requiring works to be halted whilst the design issues are resolved. The other design issues are associated with the PUP designs with changes to Allconnex drawings, Energex drawings and Telstra still to have their design completed.</p> <p>February Report Update</p> <p>Clash analysis is still the biggest issue with not all of the information included in the model. Boulderstone is working closely with SMEC to try and alleviate the impacts of problems we have experienced in every area we have gone into. A lot of effort is being expended in resolving these issues.</p> <p>Design is a fluid item with the issue of trying to fit everything in an already congested corridor. Parties need to continue to be proactive, but acknowledge additional effort and resources are being expended to overcome the design issues.</p> <p>March Report Update</p> <p>The clash analysis is progressing and is approximately 2 weeks ahead of works, however, more resources required to look further ahead. Boulderstone have allocated the sucker truck at the disposal of the clash analysis crew to allow early conflict identification.</p> <p>Design resolution to areas of design clashes is still a significant concern. Proposal is to have a designer allocated to site to resolve many issues at a site level rather than requiring the exhaustive and slow offsite resolution process (Mostly watermain). This resource or a change to the design approval process is required to prevent the delays that are currently occurring onsite.</p> <p>Boulderstone will be employing another PUP resource allowing one member of the team to concentrate on design resolution and authority coordination.</p>	GCRT	Ongoing

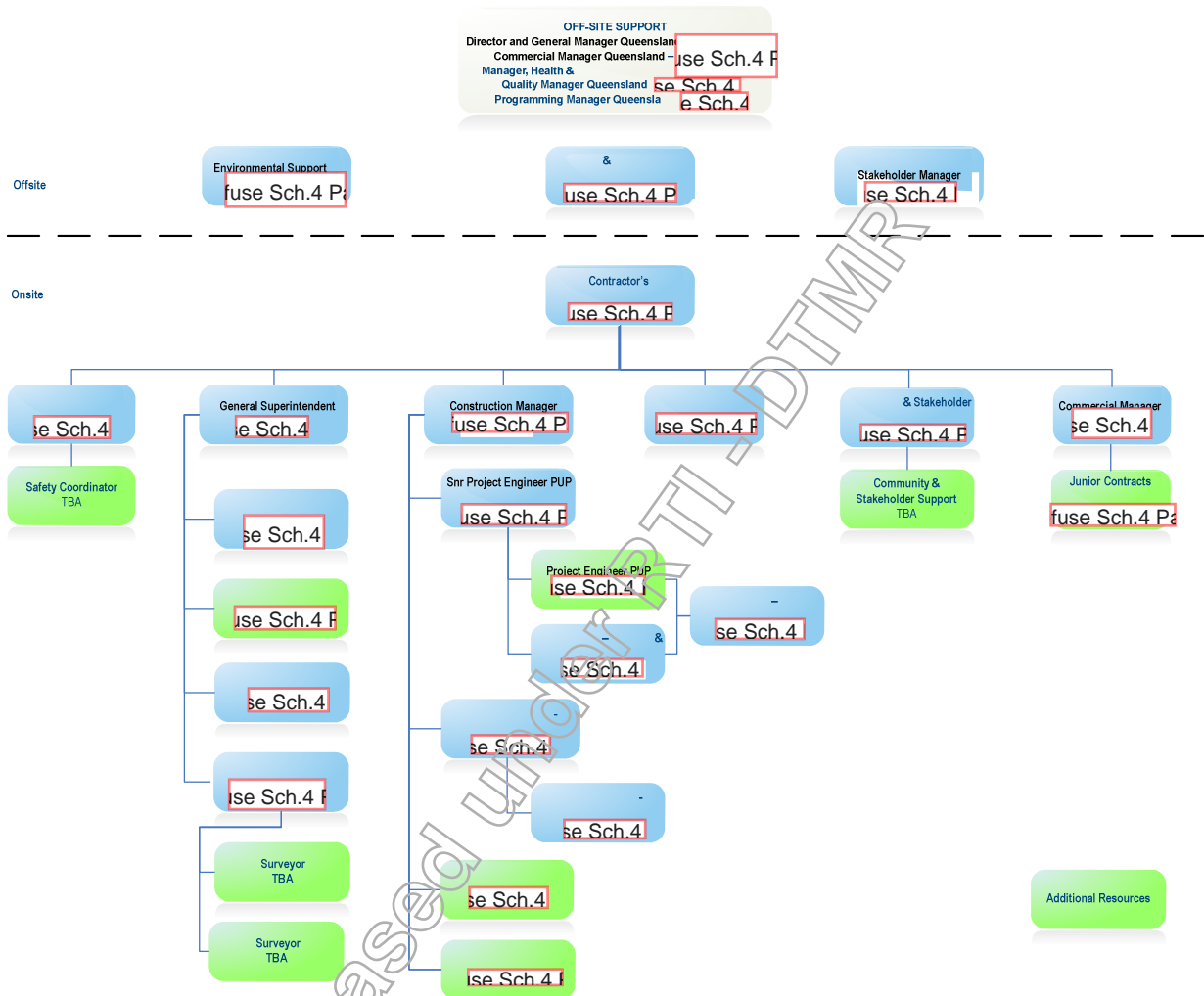
Item	Risk	GCRT		Treatment	Action by	Status
				<p>April Report Update</p> <p>The clash analysis and resolution is now behind the scheduled works and is delaying scheduled works. Boulderstone have allocated the sucker truck at the disposal of the clash analysis crew to allow early conflict identification and have committed two additional full time personnel (dedicated foreman and additional Project Engineer) to assist in PUP relocation works.</p> <p>Consolidation of PUP designs, conflict analysis and resolution is of key concern and is not at a state to allow the project to commence as planned.</p> <p>It is anticipated that unless Aurecon resources are committed to the Project in late April may significant progress in early May, there will be delays to the critical path of the project.</p> <p>There is concern regarding the allocation of Aurecon resources to completing the PUP design consolidation, clash analysis and resolution as these resourced committed full time to the project and based in the Site Office are only sporadically in the Site Office and Boulderstone are unaware of what is occurring during these absent periods.</p>		
6	Property Owner expectation	No	Yes	<p>BPL to engage a dedicated resource to manage the process and develop communication process that are proactive. Early and continual engagements to ensure owners are fully informed. Provision of Notice to Entry documentation which includes the scope of works to be undertaken is to be provided.</p> <p>January Report Update</p> <p>We have experienced difficulties with gaining access to the Barrack property at New Mexico resulting in additional works as well as likely changes to Darcy Arms property works.</p>	GCRT / BPL	Ongoing
7	Complaints re noise, interference, etc. – vandals action	Yes	No	<p>BPL to engage a dedicated resource to manage the process and develop communication processes that are proactive. Construction activities to be reviewed to assess how impacts can be minimised. Ensure timely closeout of matters raised. GCRT to provide details of high risk stakeholders to ensure they are specifically managed.</p>	BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Yes	Yes			
8	Asbestos in buildings	Yes	Yes	<p>Upon gaining access to properties, an inspection to determine the presence of asbestos to be undertaken. BPL to discuss the creation of SWMS's, undertake contingency planning and identify procurement options to ensure that if found, the works can be readily undertaken without delay to the project.</p> <p>January Report Update</p> <p>We have undertaken asbestos investigations on the properties and identified the presence of asbestos. This will require treatment and removal prior to being able to undertake full demolition works.</p>	GCRT	Closed
9	Provision of bus stops along alignment	Yes	Yes	<p>Resolve the matter as to whether bus stops are required or not. Work in a collaborative manner to ensure the number of bus stops is minimised and solution has as little impact as possible on the staging and delivery of the works.</p> <p>January Report Update</p> <p>Matter resolved with the provision of temporary bus stops now required. Works implemented from the 4th January 2011 and requires ongoing assessment, management and maintenance</p>	GCRT / BPL	Closed
10	Additional scope of works added to project	Yes	Yes	<p>New:</p> <p>The Site Team have identified significant additional works required on the Project which has not been documented in design drawings or in contract scope. These works include more property works, services connections, landscaping works, restrictions of types of works. These new works:</p> <ul style="list-style-type: none"> • Will impact on construction program, • Clash with scheduled work, • Require re-sequencing of the works, • Draw Boulderstone/SMEC resources away from scheduled work, • Require additional consultation with stakeholders, • Further complicate the Project. 	GCRT	Open

Appendix A – Two Month Look Ahead Program (based on Rev.3 Program)

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Appendix B – Contractor’s Organisation Chart



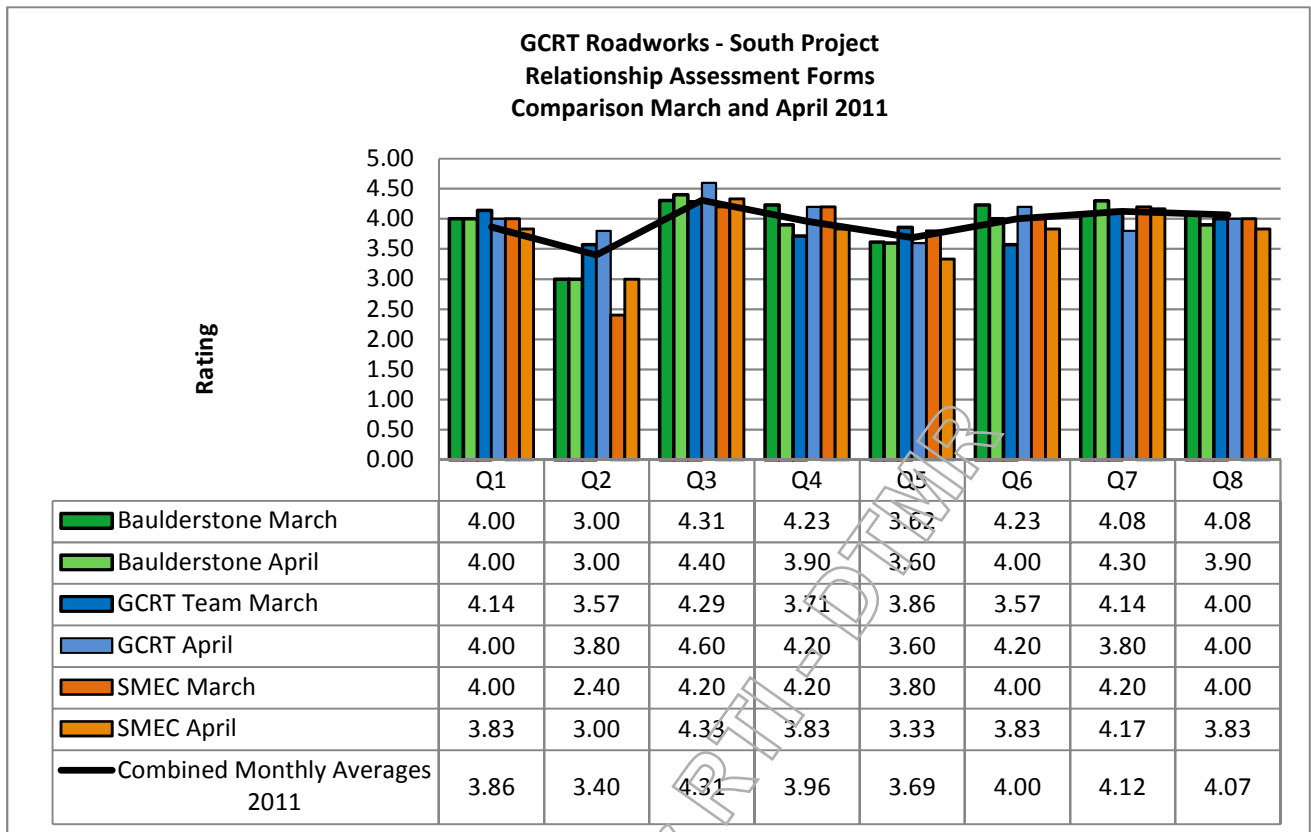
Appendix C – Current Lot Register

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Appendix D – Current NCR register

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Appendix E – Health Survey Results



Questions			
Q1	Communications are appropriate, timely, open and honest	Q5	Decision-making is made on a "best for project" basis
Q2	Issues are resolved in a timely and inclusive manner	Q6	It is a "no blame" culture
Q3	Safety is a priority over production	Q7	We are respectful of each other e.g. We listen, we pick up the phone, we are prepared to be flexible
Q4	We work as a collaborative team to achieve exceptional performance	Q8	I have really enjoyed being part of this project team over the past month

Part Refuse Sch.4 Part 4 s.6 Personal information



BAULDERSTONE

Monthly Report
June

Gold Coast Rapid Transit – Broadbeach Roadworks
Contract Number PID10-111

Released under RTI - DTMR

Rev #	Description of change	Prepared by	Date
1	Client submission	Part 4 s.6 Pe	10/07/2012

Approved for use:

Name	Position	Signature	Date
Part 4 s.6 Pe	Contractor's Representative		10/07/2012

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Progress Photographs



Figure 1: Aerial View Looking South from Second Av



Figure 2: Aerial View of the new Pavement and Line Marking Looking South from St. Kilda Av



Figure 3: New Kerb, Pavements and Line Marking near Britannia Av



Figure 4: Assembly of the W3 Watermain Nth of Fern



Figure 5: Excavation for the DN375 AC to DICL Replacement Sth of Thornton

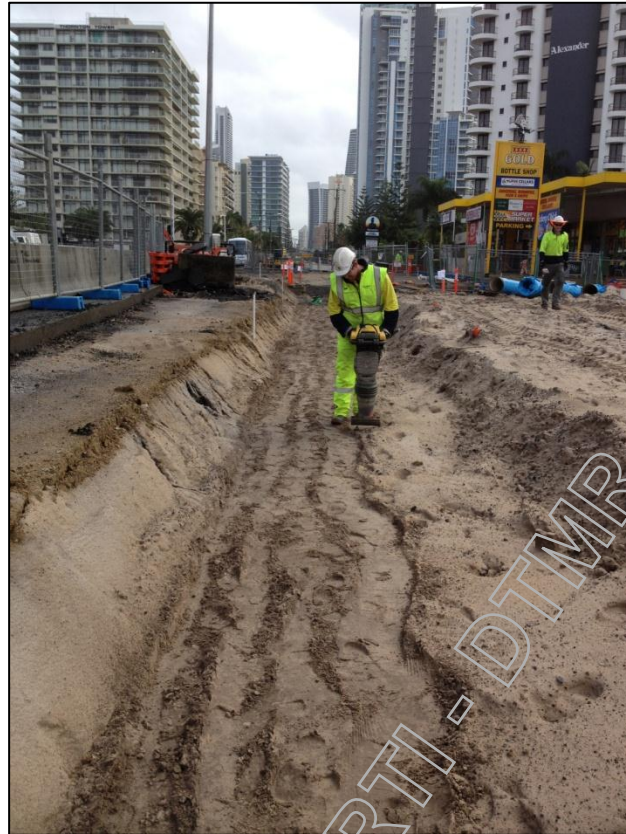


Figure 6: Trenching for the DN375 AC to DICL Sth of Aubrey



Figure 7: Backfill of the DN375 AC to DICL Nth of Frederick



Figure 8: DN375 Installation Nth of Aubrey



Figure 9: DN375 AC to DI CL Installation Nth of Aubrey



Figure 10: W7 Installation At Wharf Rd



Figure 11: Thrust Block Preparation of W7 at Wharf Rd

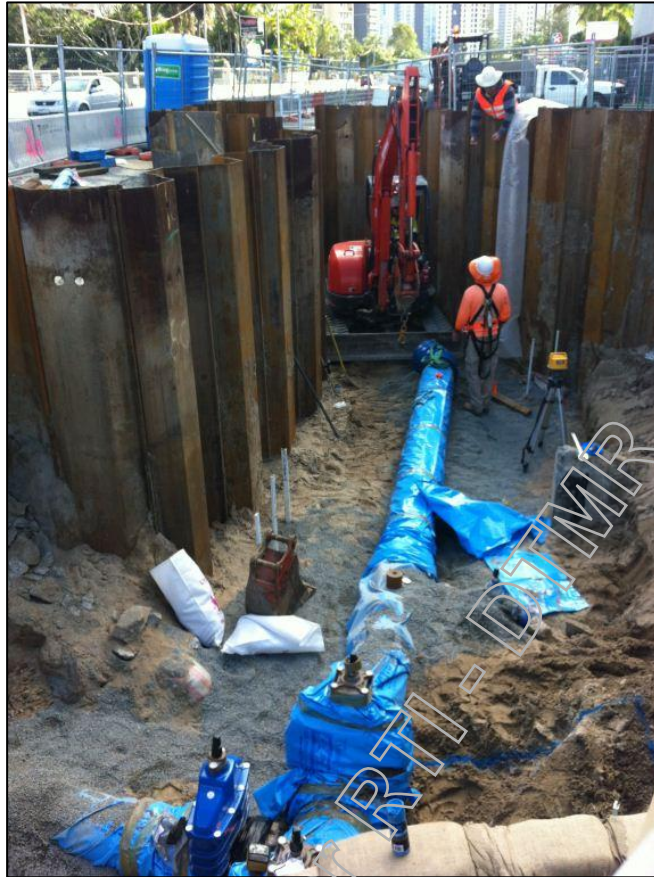


Figure 12: W7/W3 Watermain Installation outside Duty Free

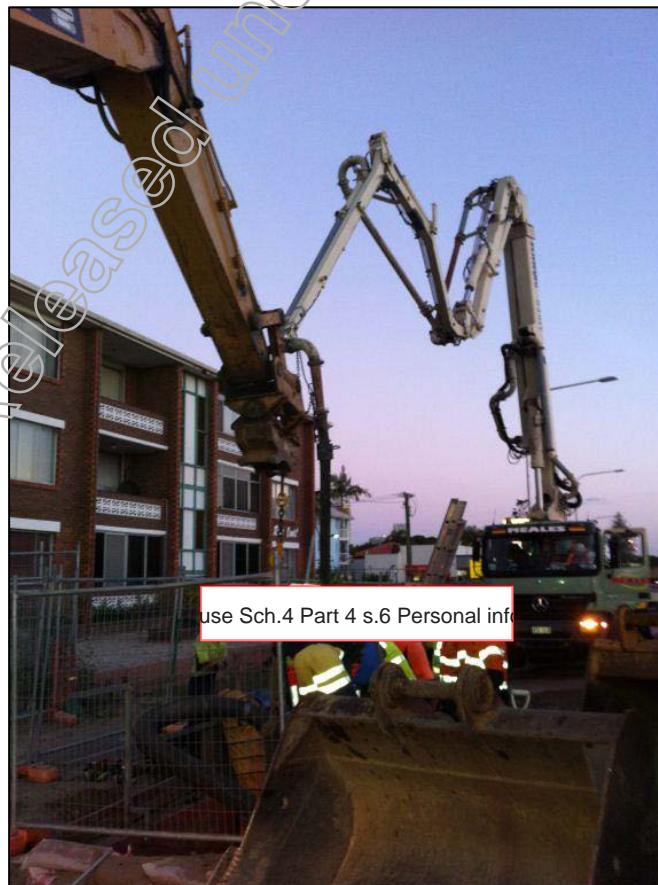


Figure 13: Concrete Pumping Works near Second Av, W9



Figure 14: Precast Stormwater Pits

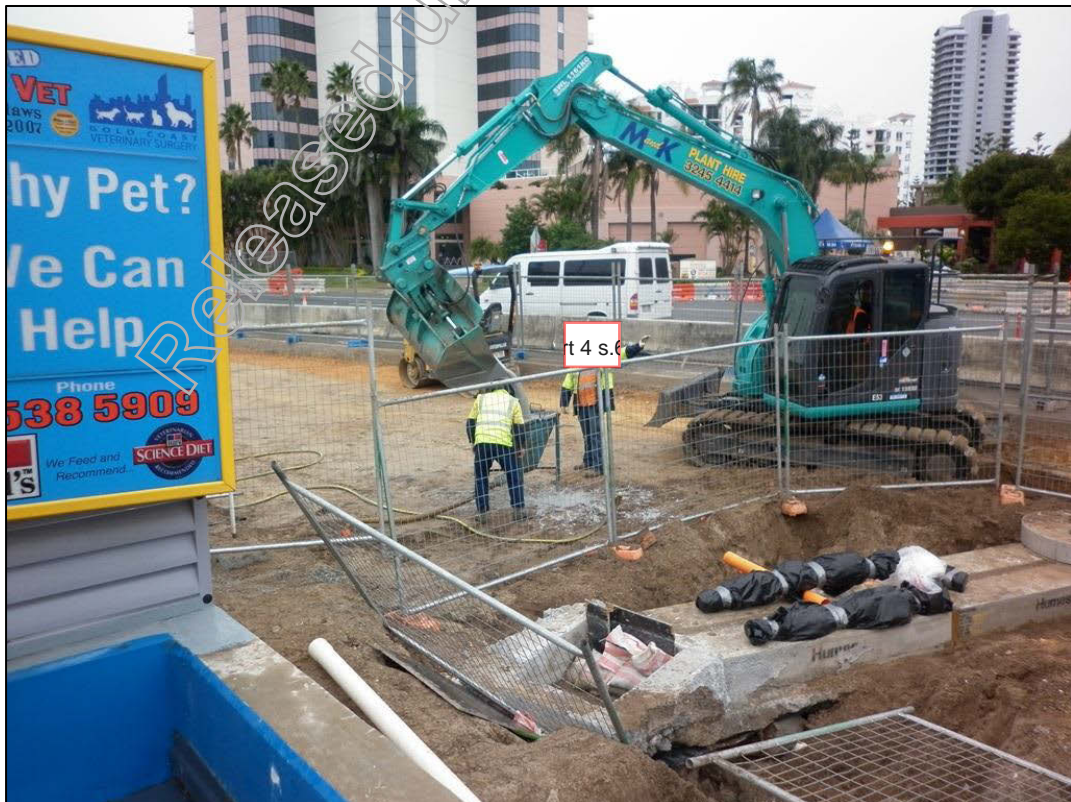


Figure 15: Stormwater Culverts Nth of Monte Carlo



Figure 16: Pouring of Mardi Gras Driveway

Executive Summary

General

The southern zone of the project was given practical completion on 8th June after the final asphaltting and line marking, despite the unseasonable rain periods in late May.

In the northern zone, most of the outstanding major watermains have been installed, tested and planned for final commissioning in first fortnight of July.

Summary Positive Outcomes

- 500,000 Hrs. LTI free achieved on Project
- Successful installation and testing of watermains:
 - W3 – Wharf to First
 - W3 – Fern to Wharf
 - W3 – Aubrey to Fern
 - W7 – GC Hwy crossing
 - 375dia replacement in northern area
 - W12 – Recycled watermain
- Well planned and detailed watermain cut over sequence to occur in July.
- Major mobilisation of new services removal and pavement installation teams to allow commencement of final carriageway pavements in the northern zone of the project.
- Boral agreement to mobilise additional crews and provide alternative asphalt supply to meet project asphalt pavement program
- Positive community feedback with the completion of the southern zone,
- Very close to reaching close of discussions pertaining to an alternate commercial delivery model.

Summary Negatives Outcome;

- Loss of some staff members through illness and other opportunities
- New watermain scope of 237m of 375dia watermain was required to be replaced due to its protection slab encroaching into the pavement. This has reduced the programme float in this area (Thornton to Fern St) and impacted the critical path
- Rain period in last week of June.
- Part Certification of the May Progress Claim significantly adversely affects the Projects Cash Flow.

Programme

The programme has held over the month of June with the forecasted completion of kerb to kerb handover holding as 24th August.

Due to additional scope and the increase of near critical items, the critical path has the possibility to run through 3 different locations of the project. Any time loss in one location may result in the direction of the critical path changing from one location to another. Equally the full extent of time saving on the critical path in one location may not result in full programme being completed early.

Detailed negotiations are occurring confirming the extent of works behind the kerb that will not be complete prior the end of August. This is predominantly focused on driveways, kerbs and property works. The conclusion to this is expected in early July.

Commercial

Not Relevant

Resources

Crew resources in June has remained with 11 watermain crews onsite which will continue to mid-July. June has seen new pavement teams have mobilised to site with 3 pavement teams and 2 redundant services removal teams currently working. This will increase in July with at least one additional (night) pavement team and an additional redundant services removal team onsite. Late July is likely to see a steep increase in additional footpath and driveway crews.

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Progress of Work

Project Overview

The southern zone of the project was awarded practical completion on Friday 8th June allowing handover of the area to Goldlinq.

The northern area of the project is on programme for completion (kerb to kerb) prior to the end of August with pavement crews commencing on many fronts and the first major asphalt visit on the 8th July and all other areas commencing in late July.

Watermains on the project are reaching substantial completion with only a few small areas (which don't affect pavements) outstanding beyond the second week of July. All watermain installation of W3, W7, W9 and new scope 375dia were completed in June with their cut over planned to occur in a detailed and intensive cut over first week of July.

Property and accommodation works in June were primarily directed at completion of footpaths, verge and gardens work in the southern zone of the project. The new bus bays at Neddy Harper Park and Remembrance Dr were also constructed with some outstanding work in June allowing for bus stop relocation works.

No new property works in the northern zone commenced as the project team is awaiting confirmation of the direction that the project wishes to take whilst managing the handover to Goldlinq.

Key achievements in June:

- Practical completion of southern zone
- Transfer of Bus stops to Neddy Harper Park and First Ave
- Completion of watermain pipe installation ready for cut over:
 - W3 (all areas except Thornton to Aubrey)
 - W7
 - 375dia in northern area
- Traffic switch to allow concurrent pavement construction on North and South alignments.
- Commencement of pavement works in the middle (west) and North (east)

Progress Status Commentary

Physical works are described below:

Planned Activities	Impacts
Sewer and Watermain works	Watermains remain on the critical path with watermains W3, W7 and W9 being the critical or near critical on the program. <u>SOUTHERN ZONE SEWER & WATERMAINS</u> Works in the southern zone in June included <ul style="list-style-type: none"> • W12 at Britannia – Cut over Baulderstone works in the southern zone are now complete <u>NORTHERN ZONE WATERMAINS</u> In the middle of June the identification of an Allconnex concrete protection slab in the pavement box has led to the direction of replacing 237m of 375dia watermain with DICL pipe (without a reinstated protection slab). At the end of June utilising up to 4 crews on removal, install and backfill these pipes were installed in 6 days. Works are now preparing for cutover of this main in

Planned Activities	Impacts
	<p>the first week of July</p> <p>At the end of June watermain W3 had been mostly installed, tested and ready for cut over. The status of each individual area:</p> <ul style="list-style-type: none"> • Thornton to Aubrey – Awaiting connection of cut over at Fern St to allow final connection • Aubrey to Fern – Installed and tested ready for immediate cutover • Fern to Wharf – Installed and tested ready for immediate cutover • Wharf to First - Installed and tested ready for immediate cutover <p>The watermain cut over sequence has been developed over a considerable duration and a pre-start meeting with all key parties occurred on the 29th June with a commitment from all parties. Cut over works commenced on the 30th June.</p> <p>Watermain W7 was installed, tested and ready for cutover as part of the sequential cut over of W3. It will be in commission in the first week of July</p> <p>Watermain W9 and the connections into Second Ave was slightly delayed with a number of small clashes (mostly redundant). It is expected to be ready for testing in the first week of July and cut over in the second week. The connection between W9 and 100dia watermain in Second Ave has been affected by the required to lower the complete bank of project installed Energex conduits. The sequencing of the cut over in the area has changed to minimise any delay.</p> <p>Watermain W2 proceeded in the June with completion ready for testing expected in the second week of July.</p> <p>Other watermains on the project:</p> <ul style="list-style-type: none"> • W10 at firestation – Crews from W3 to complete cut over • Armrick Ave – Crews from W7/W9 to move to area to lower these 11 and 24m sections <p>Watermain crews will be demobilised commencing in mid July from 13 crews down to no more than 3 at the end of the month.</p>
Stormwater drainage (SWD)	<p>Significant progress has been made with drainage now into the final stages with only two remaining short lines to be completed:</p> <p>In the northern zone of the project:</p> <ul style="list-style-type: none"> • Drainage line 4F – Complete • Drainage line 5 – Substantially complete, with last branch clashing near 110kV line <p>Stormwater works going forward will be either minor connections or inlet gully lintel placements as part of kerb works</p>
Telstra works	Complete

Planned Activities	Impacts
Third Party Communications	Complete
Energex civil works	Complete
Property adjustment works	<p>The work in early to mid june were focused on completion of the southern zone with the only outstanding footpath and driveway works in the south at the end of June:</p> <ol style="list-style-type: none"> 1. Footpath on northern side of Rosewood 2. Single panels of footpaths awaiting Allconnex works <p>Property works in the southern zone were substantially finished with landscaping and garden edging being the main activity. No works have commenced in the northern zone, though upon direction in early July, larger sections of the north will commence</p>
Pavement	<p>Pavements in the northern zone has commenced with the preliminary services removal and box out works. The status:</p> <p><u>Middle (west)</u></p> <ul style="list-style-type: none"> • Fire Station to Monaco – All services have been removed and box out nearing completion • Monaco to Genoa – All services have been removed, box out yet to commence • Genoa to Cannes – Old services to be removed early June <p><u>North (west)</u></p> <ul style="list-style-type: none"> • Cannes to remembrance - Kerb repairs nearing completion <p><u>North (east)</u></p> <ul style="list-style-type: none"> • SP Blvd (Thornton to Aubrey) – All services have been removed, box out partially complete (awaiting 375dia cut over) • Remembrance to Aubrey – Preliminary box out commenced • Aubrey to Frederick - Preliminary box out commenced • Frederick to Fern – Concrete surfaces removed only • Fern to MH89 – Concrete surfaces have been partially removed • MH89 to Wharf – No action <p><u>Middle (east)</u></p> <ul style="list-style-type: none"> • Wharf to First – No action

Planned Activities	Impacts
Traffic Management	Traffic realignments in June <ul style="list-style-type: none">• Closure of Surfers Paradise Boulevard• Realignment of traffic lanes to allow compounds between Second Ave and Wharf Rd on either side of the road.• Movement of the bus stops on the project (Shell to final and Second Ave temporarily to First Ave)

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Information Flow and Timeliness of Decisions for Work under the Contract

Design Status

Design issues and prioritisation meetings continue to be held weekly though the meeting agenda is now focussed on property works and completion documentation/designs (i.e. as-built information). The meeting now involves:

- GCRT: t Refuse Sch.4 Part 4
- SMEC: Part Refuse Sch.4 Part 4 s.6
- BPL: Part Refuse Sch.4 Part 4 s.6
- Aurecon: t Refuse Sch.4 Part 4

Property works can be divided into the following outstanding status:

1. Major property works requiring agreement with the property owners (D'arcy arms, MEC café, Club surfers)
2. Minor property works requiring SMEC instructions (Bin slab locations etc)
3. Minor property interfaces against footpath/driveways. The full impact of these are only known after footpath and driveways are nearing completion.

RFI's Raised / Responded

The number of RFI's has increased this month with 86 individual RFIs opened.

There is currently 968 RFIs created to date on this project and 65 of these remain open

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PUP Management and Interfaces

Allconnex works remains the primary PUP works outstanding on the project, and whilst the number of contractors, Boulderstone crews and SMEC/GCRT resources remains extremely large installation and completion of works remains a risk to handover of areas to the civil team.

Generally the risks to the programme continue in June to remain around:

- Inconsistency of decisions (examples include endorsing designs with clearly stated reduced clearances, however crews are stopped by Allconnex as designed clearances are different to that adopted in other instances)
- Interference with not water/sewer related issues that should remain the responsibility of superintendent (examples include objections to pavement reinstatements over watermains or abandonment processes for other PUPs of which watermains cross).
- The extent of works and the strain on working on over 20 watermain fronts. Managing the subcontractors, design and interfaces of such large numbers of areas has resulted in some areas being needlessly delayed due to lack of planning.

In the second half of June many of the critical or near critical path watermains were pressure and bacterial tested with each passing within the allocated time in the program. The Boulderstone team spent considerable time in the later week of June confirm the cutover sequence of over 1km of watermains with major property connections to 3 properties and countless smaller connections.

Meeting are held 3 times a week to resolve onsite design issues, though the 'Hit team' no longer attends these as most of the design issues are minor and dealt with the onsite team.

In mid June Refuse Sch.4 Part became the site contact for a period whilst use Sch.4 F was on leave. The site team found that the interface in this period was consistent, reasonable and generally working towards meeting key program dates.

Energex works are complete

Third party communications providers is complete

Telstra works (including MH89) is complete

APA gas relocation is complete

Released under RTI-66

Commercial and Contractual

Cash Flow

Not Relevant

Variations

Not Relevant

Released under RTI - DTMR

Extensions of Time

Not Relevant

Predicted Final Contract Value

Not Relevant

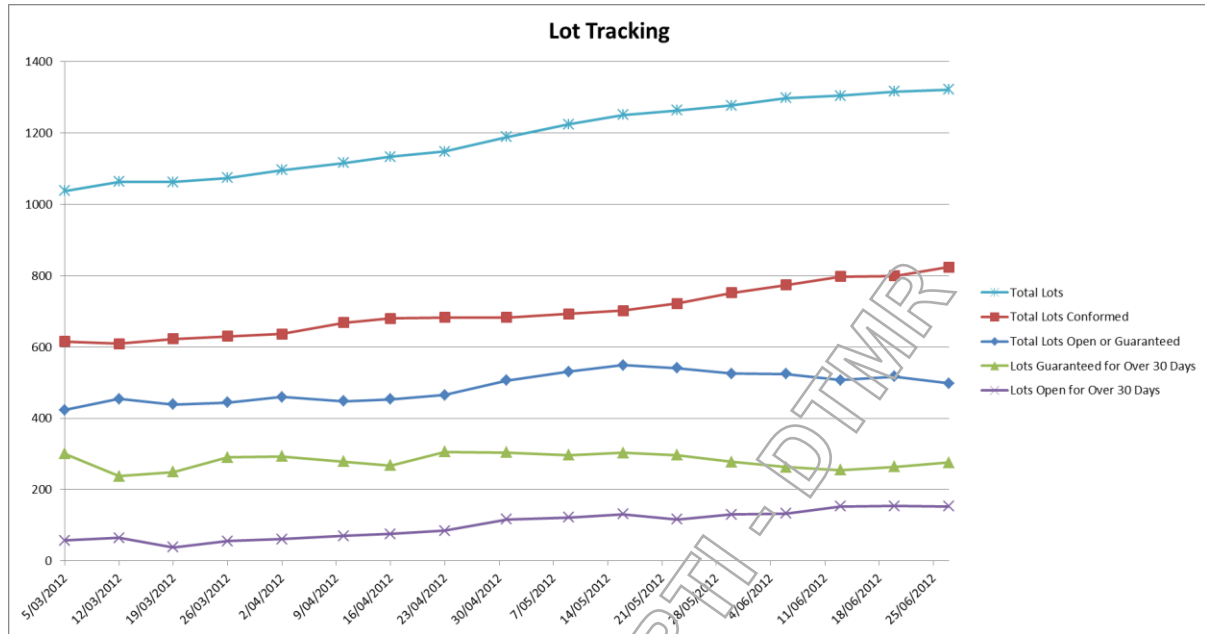
Performance against KPI's

A summary of the Project KPI status is provided below.

KRA	Value	Anticipated	Achieved
Program – Overall	100	80 points for achieving PC expected	
Program – Club Surfers Separable Portion	20	20 points achieved for Club Surfers	20
Local Industry Participation Plan	80	75% of 20 points expected for use of local industry based on current percentages	Tracking at 63%
		90% of 20 points expected for achieving training over and above 10% policy	20 – Training criteria has been met based on \$42M Contract
		100% of 5 points expected for employing and up-skilling local youth	5 Part Refuse Sch.4 Part 4 s.6 Personal information
		100% of 5 points expected for employing cadet engineers	5 - Part Refuse Sch.4 Part 4 s.6 commenced on site 27 th June 2011 - Part Refuse Sch.4 Part 4 s.6 engaged on site on BPL Cadetship (Start Nov 11)
		50% of 30 points expected for surveying successful and unsuccessful contractors	Outstanding
Community	100	75% of the 100 points expected for the management of the community based on current response rates.	Currently tracking as fully compliant
Relationship between the parties	100	75% of 100 points expected based on current reporting and inter relationship between the parties.	Relationship Assessment forms included in 'Team Resources and Co-operation'
Total	400		50

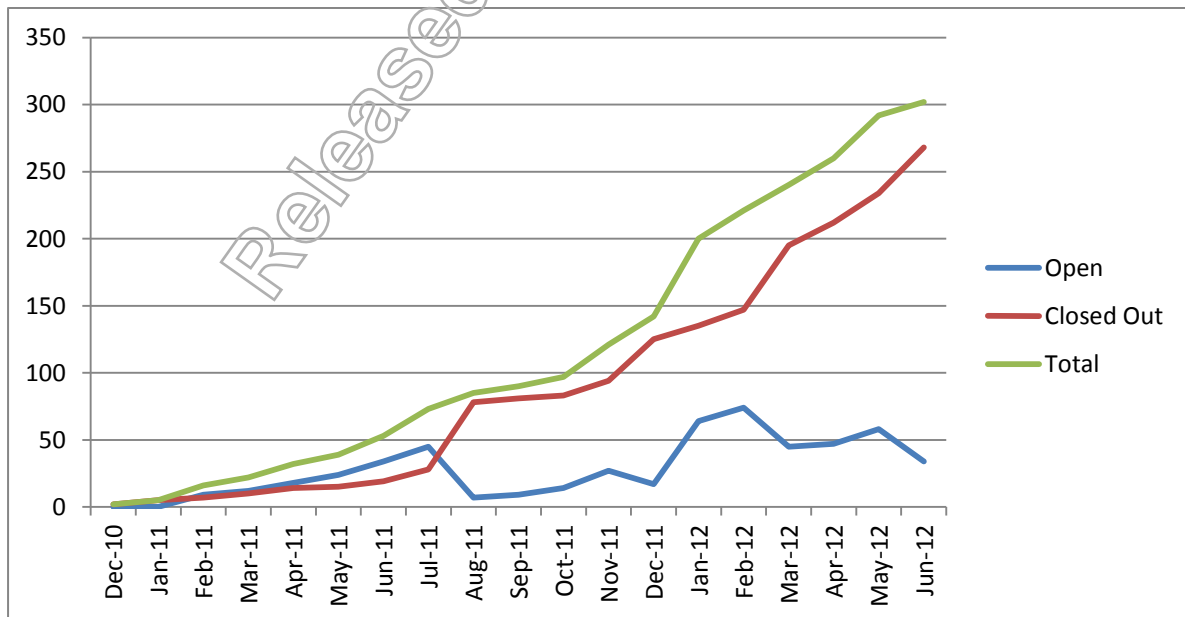
QA (Quality of works completed and documentation)

Lot Tracking



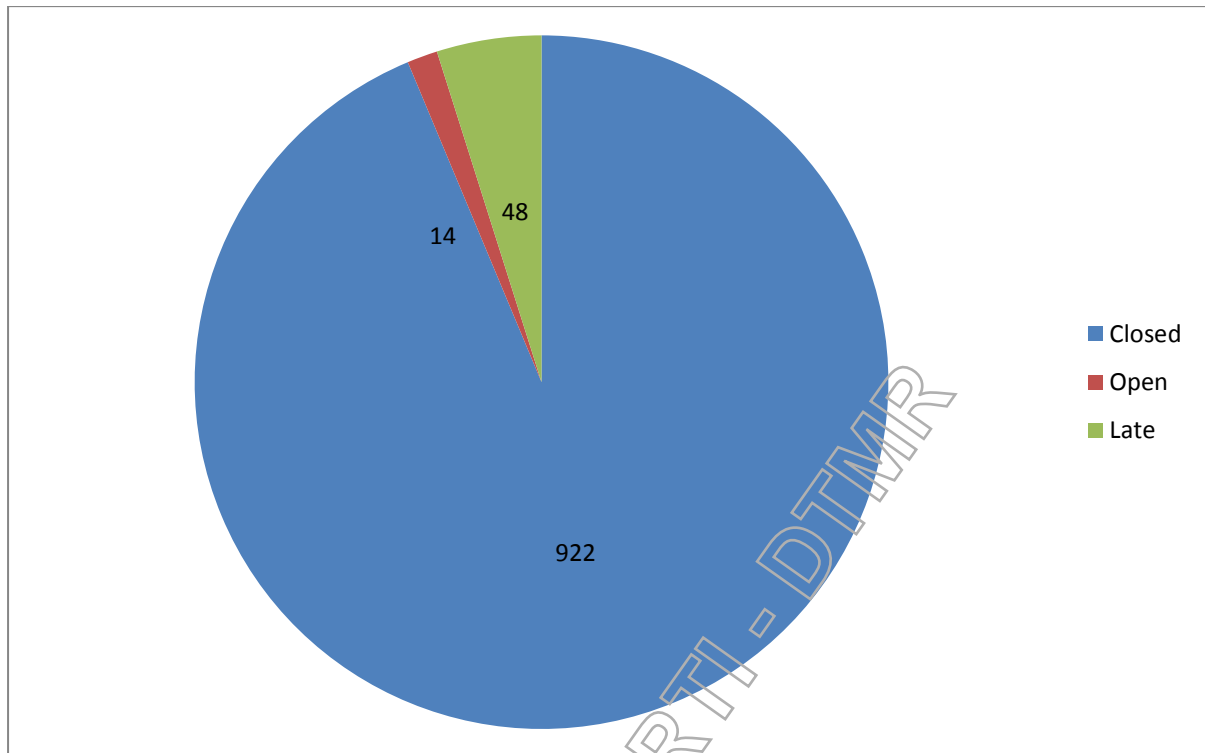
There are currently 1333 lots in the lot register. Of these 829 are conformed, 193 are open and under construction, and 311 are guaranteed and awaiting test results and survey data to be conformed. The number of lots guaranteed for over 30 days is currently 275 and steadily decreasing as our drive to gather outstanding QA continues. Our current system for tracking and reporting on lot progress and associated QA is working well.

Non-Conformance Tracking



A total of 303 individual NCRs have been recorded on the project register. Of these 268 have been successfully closed out and 34 remain open awaiting approval from SMEC and final confirmation that corrective and preventative measures are in place. Under the current procedure all client NCRs are transacted through Project Centre and this system is working well.

CRFI Tracking



There are currently a total of 984 CRFIs on the Project Centre register. The number of late CRFIs is addressed at weekly project team meetings and has been reduced from 80 to 48 in the last month.

Corrective Action Requests (CARs)

To date there have been 9 CARs issued by the Client’s Representative. All CARs have been resolved and measures put in place to prevent reoccurrence. All CARs are issued and their progress traced through Project Centre.

Community and Stakeholders

Achievements in June

Managing an evolving work zone

The Boulderstone Communications and Stakeholder Engagement (CSE) team have been actively managing the community impacts of changing work areas over the last month. There were four CAPs developed and distributed in May to notify local residents and the community about changing work activities and access arrangements. June has, therefore, shown a focus on managing the implementation of those CAPs as the work zone has evolved again into new construction areas. There has also been a focus on planning and developing notifications and activities for planned activities such as pavement construction and asphaltting.

Meetings with stakeholders to finalise property design works have taken place in June and will continue into July to finalise proposed tie-in work. These meetings have enabled the further development of strong community relationships as outcomes are negotiated and agreed. The process has enabled both the finalisation of property designs but has also allowed for the provision of general project updates and the communication of planned works and timelines.

Proactively managing relationships with Key Stakeholders

The CSE team has continued to manage the impacts and identify opportunities for key stakeholders. This has included the facilitation of directional signage to directly impacted properties. A specific way finding map and hand out was created for the Crowne Plaza to show changing access arrangements, road closures and the movement of bus stops. This also included the installation of a brochure stand to explain to guests the nature of the work being done and the overall benefits which will result from the light rail development. This was very well received by the General Manager and will continue to enhance communication as property and pavement work progresses directly in front of the property. Weekly meetings with the General Manager are also planned to help communicate the changing work and compounds.

Working proactively with Project Stakeholders has provided excellent outcomes for Project Stakeholders. Proactive communication and negotiation with the Crowne Plaza identified that they were reluctant to remove a large palm tree which was impacting work on their water main connection. Further consideration and negotiation encouraged the contractors to consider alternatives and worked hard to find a solution which enabled the tree to remain.

The project team also received excellent feedback from the Mantra Wings Resort after we received notification that flooding had taken place in their ground floor premises in the late evening. Immediate notification by the CSE team to the night works foreman identified that this was an internal issue not created by the project. However, the night works supervisor helped the Wings Resort General Manager arrange traffic management over two nights so that their plumbing issues could be resolved. This collaboration was appreciated by this stakeholder who also appreciated the timely communication from and accessibility of the CSE team.

A body corporate representative of Sherwood Court also noted his appreciation of the work being done to manage impacts and the way changes to the property are being considered during construction planning.

CAPs implemented throughout the month

Trenching (16), Driveway works (22), Night Works (28), Northbound lane closure (29), Cannes Ave (30), Northern traffic switch (31), Monte Carlo Ave temporary closure (32), Mid west compound (33), First Avenue Bus Changes (34), Surfers Paradise Boulevard Closure (36) and Monaco Street removal of right hand turn and closure of Genoa Street (37).

Upcoming communications and stakeholder engagement activities/issues

Traffic/Construction milestone	Communication Activity
Finalisation of water main installations including property tie-ins	As the water main installations are completed, the CSE team will work closely with the water engineers and Gold Coast Water (formerly Allconnex) to deliver notifications of the water shutdowns to properties and key stakeholders.
Closure of Genoa Street	Communication Action Plans (CAPs) developed to cover notifications, GCRT website, face-to-face consultation has begun. Program scheduling has been considered to reduce the periods of closure required.
Pavement construction and asphalting.	Planned notification of pavement work to properties on the Gold Coast Highway. Planned singular notifications to properties directly impacted by restrictions in property access. This will be added to the existing Driveway CAP.
Property works to tie in properties	On-going meetings with Property representatives to finalise design and construction of property works, driveways etc.

Summary of enquiries and complaints managed by Boulderstone

Aspect	Detail
Enquiries	<ul style="list-style-type: none"> • 112 new enquiries/contacts (events) were recorded during June. See Table 1 below for a breakdown of these events. • 2,626 enquiries have been received since Nov 2010
Complaints	<ul style="list-style-type: none"> • 35 complaints were received during June. See Table 2 below for a breakdown of these complaints. • 536 complaints have been received since Nov 2010
KPI compliance	<ul style="list-style-type: none"> • 100% of missed calls were returned within 4 hours • 100% of complaints had an agreed action plan implemented within 24 hours • 91% (32 of 35) complaints received were closed out as per the agreed action plan. Of the complaints closed out, 100% percent of these were closed within 5 working days. The remaining 9% are ongoing as per the agreed action plan and an agreed way forward • The June Construction Update was distributed via email on the 18 June 2012 (Planned for Friday 15 June 2012 however, technical issue experienced with ConMan required it to be sent on Monday morning).

Summary of key issues/complaints and mitigation activities

Vehicle impacts and traffic movements were a focus of the issues and complaints this month. There was particularly heavy rain in the first week of June which created issues for road quality. While there was a swift approach to managing these issues once identified, there were still issues with road users experiencing vehicle damage as a result of the rain impacting road quality where recent trenching had occurred. There were 10 complaints relating to vehicles and damage in the month of June. These issues were mitigated during heavy rain events which occurred towards the end of the month there were no pot hole complaints experienced.

A number of driveway crossing were again required to either trench water mains or to rebuild or reinstate driveways after the completion trenching work. This was proactively managed with the CAP notification period and these also initiated opportunities to provide project updates to stakeholders.

There was a considerable amount of night works which occurred in June, some of which required relatively heavy work installing water mains, however just 8 complaints were received. Those stakeholder who did call to complain were managed with sensitivity and provided with a good

understanding of the work that was taking place and an appreciation for their patience during this work was conveyed.

Table 1 Event issues – Total 112

(Each event/complaint may include more than one issue. Tables 1 and 2 contain the issues covered during June and the number of times they were covered).

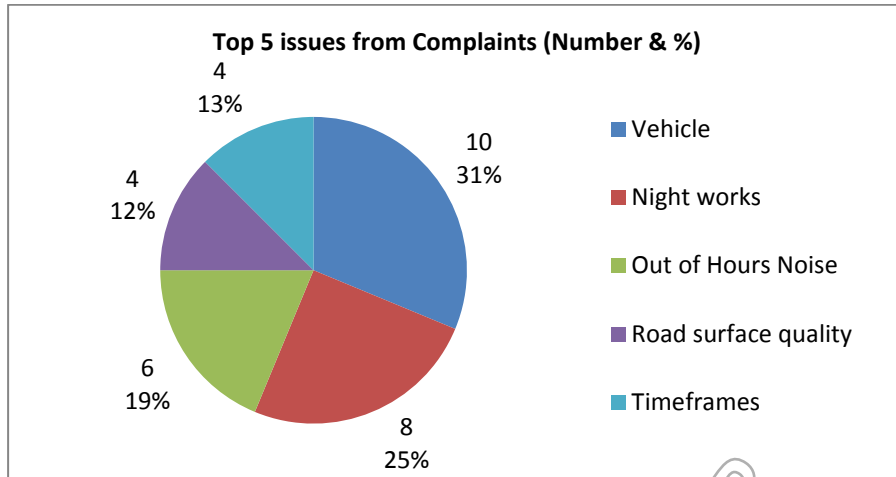
Issue	Times Raised	Issue	Times Raised
Vehicle	15	Waste Management	4
Driveway works/access	13	Meeting	3
Access	12	Worker Behaviour	3
General Traffic Management	10	Noise	3
General information request	10	Fencing	2
General Construction Enquiry / update	10	Signage	2
Timeframes	9	Parking	2
Construction	8	Bus Stops	2
Night works	8	Fencing	2
Out of Hours Noise	6	Pedestrian	2
Landscaping	5	Boulderstone agreement with stakeholder	1
Road surface quality	5	Nightworks Update	1
Outside project scope	4	Loss of business / compensation request	1
Property Damage	4	Flora/Fauna	1
Design issues	4	Opportunities	1
Timeframes	4	Safety	1
Water	4	Thank you/compliment	1
Footpaths	4	Vibration	1
Road closure	4	Structural	1
Signage	4		

Table 2 Complaint Issues - Total 35 in June

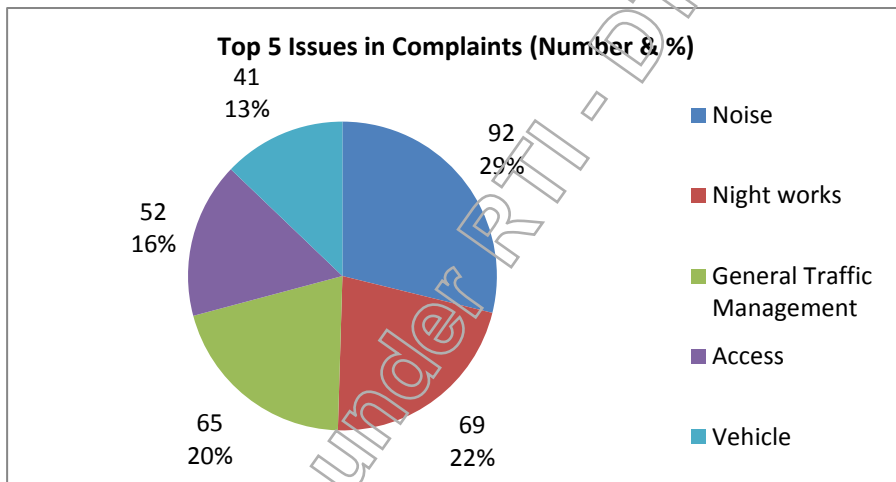
(The graphs on the next page detail the trends in complaints for June and since the beginning of the project.)

Issue	Times Raised	Issue	Times Raised
Vehicle	10	Driveway works/access	1
Night works	8	Pedestrian	1
Out of Hours Noise	6	Thank you/compliment	1
Road surface quality	4	General information request	1
Timeframes	4	Bus Stops	1
General Traffic Management	3	Water	1
Worker Behaviour	3	Outside project scope	1
Noise	2	Other	1
Access	2	Road closure	1
Signage	1	Boulderstone agreement with S/H	1
Design issues	1	Driveway works/access	1
General Construction Enquiry / update	1	Pedestrian	1
Road closure	1	Thank you/compliment	1
Boulderstone agreement with stakeholder	1		

The Top 5 issues raised by complainants during June 2012

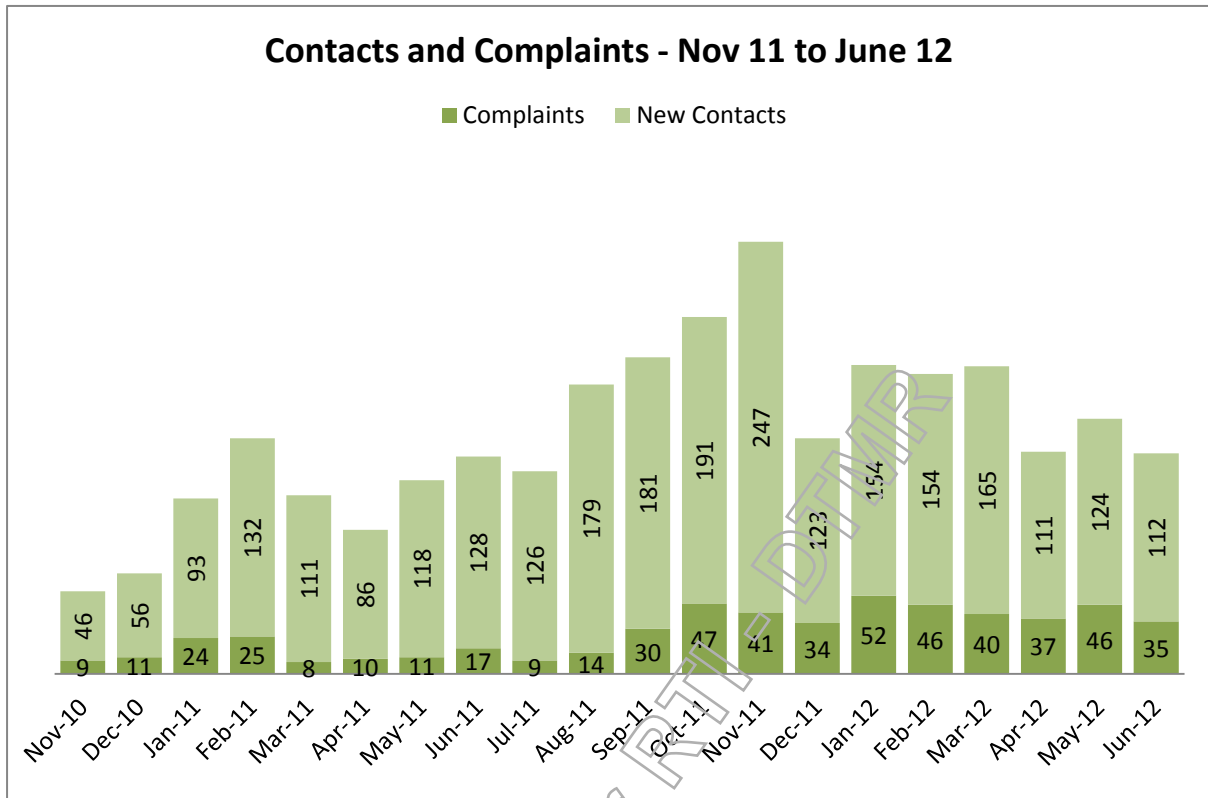


The Top 5 issues raised by complainants since November 2010 below.



Released under RTI - DTPR

Contacts and complaints since November 2010



Released under RTI

Traffic

Recent changes to the traffic arrangements on the Gold Coast Highway include:

- In late May, TGS024 was installed in and around the intersection of Gold Coast Highway and Surfers Paradise Boulevard. The scheme closes the left turn movement out of Surfers Paradise Boulevard onto the Highway. Only vehicles accessing local properties can travel in the new section south of Thornton Av.
- TGS026 created construction compounds east and west of the Highway. The scheme also requires the closure of the Monaco Street right turn lane which has been approved by the Client and Council.
- BPL and McConnell Dowell are liaising on a regular basis to understand where possible short term/temporary works and traffic management approaches at the interface conflict with one another.

Released under RTI - DTMR

Local Industry Participation

The following table reflects the letting performance undertaken to date which does not differ significantly from the previous months due to the minimal amount of contract works able to be undertaken during the period. It is expected that approval of the revised Contract Delivery Model will impact on LIP figures with the expected contractual increase to approximately \$68M.

Total Project Value	\$42m (Currently Approved however expected to Change)				
	Amount	%		Number	%
Total Value of contracts let to date	\$31.50M (\$24.32m)*		Total number of contracts let	57	
Value of contracts let within GCCC local government area	\$16.1	54.0% (76%)*	Number of contracts let within GCCC local government area	34	62%
Value of contracts let outside GCCC local government area but within Queensland	\$13.3m	44.49%	Number of contracts let outside GCCC local government area but within Queensland	18	33%
Value of contracts let outside Queensland	\$ 0.7m	2%	Number of contracts let outside Queensland	3	5%

*indicates the figures when the exclusions of materials that could not be sourced from GCCC local government area is factored, and includes:

- Precast stormwater drainage components \$1.7m
- Traffic signal equipment \$0.68
- Water and sewer pipe work \$1.5

Released under RTI/DMP

Team Resources and Cooperation

Staff and Subcontractors

The relationship between BPL and subcontractors continues to work well with the conversion to cost reimbursable models for the contract proving to be the oil greasing the machine.

Relationship with Allconnex has stabilised to a degree on the back of successful watermain testing and cut overs in June, removing opportunities for the nit picking that has plagued the works in the previous months.

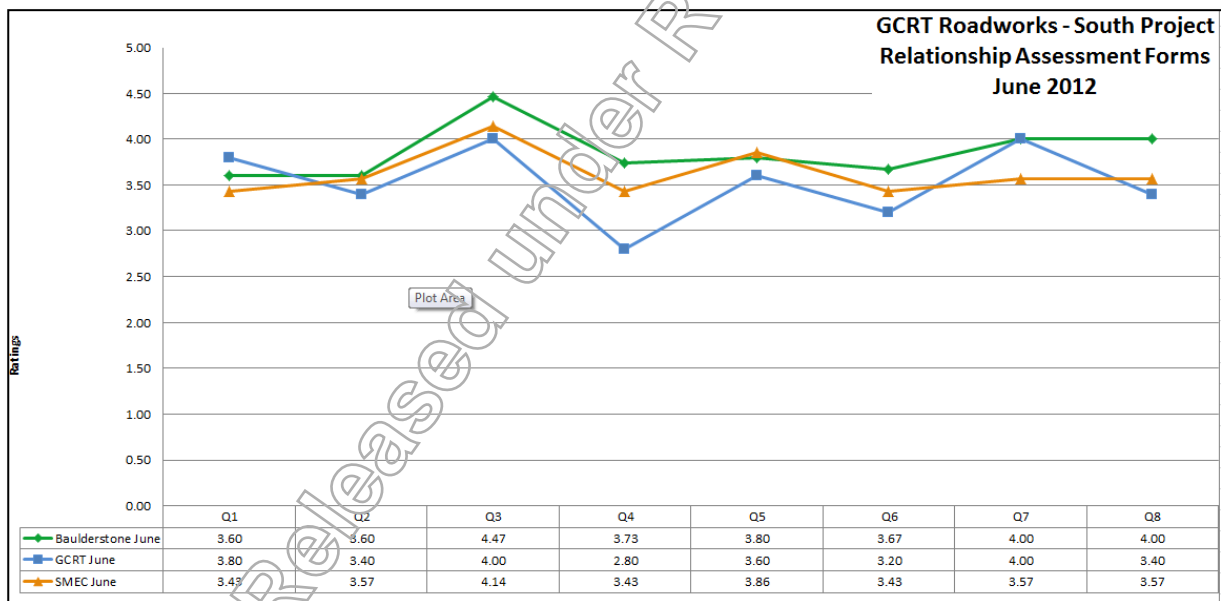
With the transition from services installation to pavements towards the end of June all teams need to manage the efficient handover from one trade to another with minimal delay.

Relationship between Principal / Superintendent / Contractor

The site relationship between the Principal, Superintendent and the Contractor is also starting to become a little strained as the pressure builds on program. Below the surface there appears to be some general feelings of discontent toward other parties with each organisation protecting their own interests.

There is evident disparity between Baulderstone and GCRT with “we work as a collaborative team to achieve exceptional performance”. This is likely due to current outstanding final position of the commercial arrangements.

Below is the summary result of the June Health Survey with backup information provided in Appendix E.



Questions			
Q1	Communications are appropriate, timely, open and honest	Q5	Decision-making is made on a "best for project" basis
Q2	Issues are resolved in a timely and inclusive manner	Q6	It is a "no blame" culture
Q3	Safety is a priority over production	Q7	We are respectful of each other e.g. We listen, we pick up the phone, we are prepared to be flexible
Q4	We work as a collaborative team to achieve exceptional performance	Q8	I have really enjoyed being part of this project team over the past month

Safety

With the pressure of the program to have works completed all workers are being reminded at prestarts and toolboxes that all Safety Requirements must still be met. All tasks are monitored and procedures challenged, this is reflected in the drop of the number of incidents associated with work activities. The Site has also achieved over 500,000 hours this month LTI free, on top of this fantastic achievement there were only 3 MTI's in the same period.

Incidents

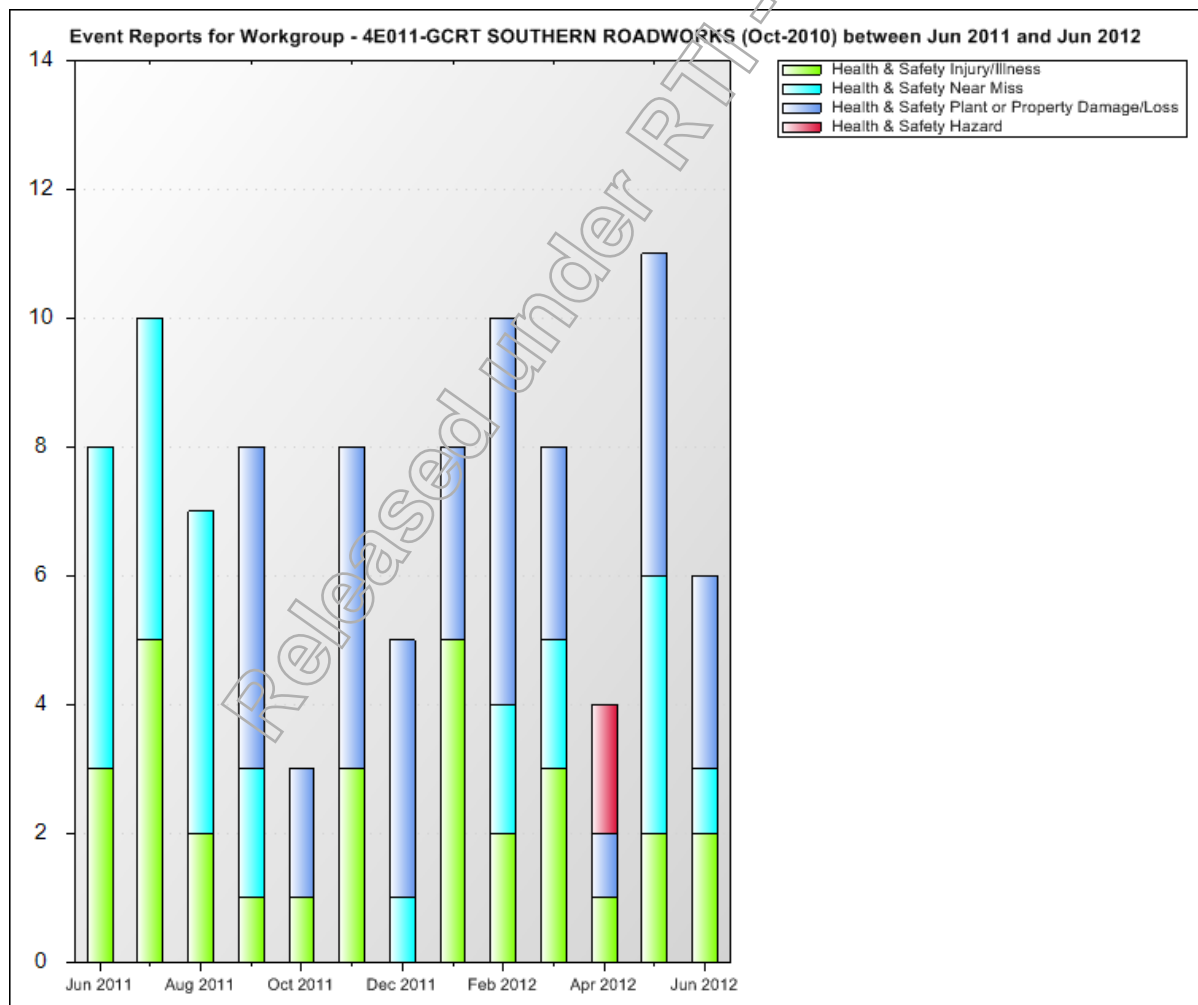
The following incidents occurred and have been investigated:

- 1.06/06/2012 The intersection of Australia Avenue had been profiled 2 days earlier and the pavement around the Traffic loop had been painted and left. Today the area was to be paved with the wearing layer and the profiler was used to remove the ramp were the pavement was to join existing. While the paver was conducting this task the operator failed to see the keyed area and removed it cutting the traffic loop in the process.
- 2.12/06/2012 At 0215 am an unknown vehicle lost control while heading northbound on Surfers Paradise Blvd. The vehicle smashed through a row of water filled barriers at the end of Thornton Street before coming to rest approximately 5m within the Site Perimeter. Police were called to attend the incident having the vehicle towed at 0330. The driver was not on the scene and had been witnessed leaving the scene shortly after the accident. The driver of the vehicle gave a statement to Police and returned at 1210 pm to provide information, the stated that he was driving and just hit the barriers. Traffic guidance scheme was in place with the last check of all signs conducted by Steve Johns of Traffic Group Australia on the 08/06/2012 pm5.09/05/2012
- 3.13/06/2012 A worker was conducting DCP testing in a 1.2m trench prior to the installation of additional conduit. The work was requested by Boulderstone as part of QA requirements and then directed without consulting the Permits. The worker was shown where to test and told there were no services in that location, the initial test failed and after compaction the worker tested again, but in an alternate location. The spike went down approx. 120mm before stopping, the worker believed he had struck rock and used the weight of the tester to punch through it. The spike became jammed and the worker could not remove it. The area was excavated around the location by hand and the electrical conduit was located. Work immediately stopped and the spike was treated as live. A Vac truck was used to excavate around the conduit to visually confirm the the spike had not penetrated the conduit. After the excavation was completed it was seen that the spike had penetrated the hard cover only and then wedged between 2 conduits.
- 4.22/06/2012 4 Part 4 s.6 Pers was moving a section of pipe in the Neddy Park compound and was reversing down an vehicle access way heading in a westerly direction and because of this the sun was obscuring part of his vision. The Boulderstone tipper had parked in the designated spot waiting in turn to be loaded, the operator had left the tipper for a short period of time. As the backhoe reversed the driver of the tipper tried to warn the plant operator but it went unheard, he then banged on the mudguard of the tipper to alert the operator. The driver immediately stopped and caused a very small amount of damage to the front of the truck.

Injury/illness report

1. 04/06/2012 The worker was removing a cutting disc from its storage location on the bottom shelf of a work bench in CLM's storage container as he removed his hand it caught on a nail that was protruding under the bench. The nail penetrated the back of his hand causing bleeding and swelling. The workers hand was washed and bandaged with instructions to attend medical treatment including tetanus shot if required

2. 19/06/2012 The worker was inspecting pipes during the delivery of the water mains at the corner of Aubrey Street and Gold Coast Highway. The pipes had been stacked neatly but with 1 protruding beyond the rest. The worker finished inspecting the pipes before turning and hitting his right knee on the pipe that was protruding. The worker stated that he clutched his right knee for about 60seconds before trying to walk and move his knee.



Safety Statistics and Notices

	Hours Worked			Total
	Staff	Labour	Subcontract	
To End of May	112,527	28,672	304,974	446,173
June	10,066	2,288	45,344	57,698
Total to Date	122,593	30,960	350,318	503,871
Workers on Site June	Total Workers for the month	Average per day		
	4,953	190		

LTI's **0**
MTI's **0**
FAI's **2**

Inductions

Total inductions to date: 1,810
 June inductions: 65

Safety Initiatives for 2012

Due to an Incident where a star picket pierced an inactive power cable the site has taken the initiative to ban them from the site. Pickets that are in place will remain but alternatives of pedestrian barriers or ATF panels must be used for all future needs. It was recognized that there are too many live services in the active areas of the site and the star pickets have to be set too deep to be of any use.

Safety Award for the Month

Steve Johns – Consistent approach and implementation of Safety systems with Traffic Group Australia

Environment

Works continue within Neddy Harper Park to ensure environmental controls are maintained. Further hardstand material has been placed to assist in the control of dust generation and dirt drag from the compound. Temporary fencing (opposed to fagged rope) and signage has been erected around trees within the park to ensure compliance with the standard. The boundary fence surrounding the compound has been reinstated and barricading placed to restrict access to the northern section of Neddy Harper Park. Turf has also been laid to remediate the worn areas

Weekly site walks continue to ensure compliance with the contract requirements. Ongoing maintenance of sediment controls remain the key area of focus whilst the wet season is prevalent.

Following the hand-over of the southern section of the project, water monitoring continued at two of the surface water monitoring locations (SW11 – Nerang River Cascade Garden Reach and SW12 – Nerang River @ Via Roma bridge). Water is no longer monitored at the stormwater outlet.

Table 1: Monthly testing overview.

Test / Inspection	Undertaken	Acceptable Results	Outstanding Actions
Weekly water analyse	With weekly site inspection.	No Exceedance were observed.	Nil
Weekly site inspections.	Undertaken during Wednesday site visit.	Weekly inspections were undertaken. Several observations were made during the inspection and majority were closed out. Liaisons continue with the construction team to ensure compliance whilst offsite.	Outstanding actions at end of month: Neddy Harper Park <ul style="list-style-type: none"> • No parking on grass area on. • ESC to be maintained. • Excess dirt drag on roads to be addressed.
SMEC Audit of Boulderstone EMS	30/04/2012	Further supporting documentation request was submitted to SMEC.	The overall findings were generally good however several non-conformances were identified. A response was submitted to SMEC on the 27/06/12 to ensure close out is achieved.
Vibration	Nil during month of June.		

Weather experienced during the month was drier than average. Several large rain events were experienced (75 mm on the 3rd of June) with a monthly total of 203.4mm¹. This highlighted the importance of maintaining sediment controls onsite.

Material continues to be reused onsite where possible. The management of material within Neddy Harper Park has enabled the project to minimise waste material leaving site and maximised the reuse where possible.

Risks to Contract and the Project

A copy of the updated Project Programme Risk register is attached as Appendix A.

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
1	Interface with PUP agencies and finalisation of design - Currently awaiting "For Construction" documentation and endorsed drawings	Yes	Yes	<p>Regular meetings to be convened with PUP owners to ensure design works are in accordance with the contract program and issues identified early. Coordination of physical works to be managed by BPL with clear timeframes established and communicated. BPL to ensure dedicated resource on site to coordinate activities.</p> <p>January Report Update</p> <p>Critical issue with the relocation of Telstra assets which is having a direct impact on the project and the ability to progress the works. This has flow on implications to the Energex works and the Caltex remediation activities (by others). EOT claim being developed which indicates an impact of over 5 months to the project</p> <p>February Report Update</p> <p>Telstra remains a critical impact on the project. Energex design is also a further issue that is impacting the project. Boulderstone will need to engage additional resources to manage the reviews, design, coordination and construction planning. Accelerated program submitted with a revised date of PC out to the 8th March 2011</p> <p>March Report Update</p> <p>Site team is waiting for the award of the Telstra contract allowing coordination and program to be finalised with successful contractor. Energex still remains a concern to the project with the design yet to be complete, and the unreliability of a single point of contact/decision. Boulderstone is establishing who are the key people within the organisation who make decisions and establishing dialogue</p> <p>April Report Update</p> <p>Telstra have been awarded the contract on the last day of Boulderstone work in April allowing coordination and program to be finalised with successful contractor to commence in May. Coordination with Energex teams for the removal of the pad mount transformer was successful and future planning with this team is ongoing</p> <p>The primary concern which will continue to affect the progress of the works is the consolidation, clash analysis and conflict resolution of combined services 3D model (proposed PUP</p>	BPL / GCRT	Open

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				works and existing services)		
				<p>May Report Update</p> <p>Boulderstone have committed additional resources to assist in design resolution and coordination with the PUP authorities. An additional surveyor has been allocated and new PUP Engineer will join the team in late June.</p> <p>July Report Update</p> <p>Working relationships with Allconnex, Telstra and Energex is good, though a challenge that the site team is dealing with is: managing the expectations and negotiating the outcomes of installing new infrastructure under or adjacent to the Energex 110kV direct buried transmission line.</p> <p>August Report Update</p> <p>The working relationship between all parties is good, with dealings with Energex 110kV team more effective and a good relationship between Allconnex and Boulderstone (although new Allconnex contact has meant some changing goal posts)</p> <p>September Report Update</p> <p>Relationship with Energex and Telstra remains satisfactory. Allconnex have been a real challenge and requirement for flexibility is required to ensure that the new infrastructure can be installed in acceptable timing.</p> <p>October Report Update</p> <p>The interface with Allconnex requires constant attention. Site team has realigned responsibilities to deliver this attention. Relationships with Telstra and Allconnex are generally good however this relationship is being tested following the publishing of non-flattering comments allegedly made by GCRT on the performance of Telstra.</p> <p>November Report Update</p> <p>The relationship is improving as the role of Allconnex is better defined. An acknowledgement in late November (to be confirmed) that Allconnex are no longer required to endorse the design will assist. The interface still carries a risk in regard to program.</p> <p>Telstra still remains a risk however the completion of civil infrastructure in mid-December will downgrade this risk.</p> <p>December Report Update</p> <p>The confirmation regarding the non-requirement of Allconnex to endorse designs did not come.</p>		

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<p>Instead the decision was reversed and amplified with Allconnex now required to review and endorse all site changes no matter how minor. SMEC no longer has approval to act as the Superintendent in this regard in providing RPEQ sign-off on minor design changes. This requirement will cause delays to the programme.</p> <p>The risk with Telstra continues to downgrade now that 98% of civil infrastructure is complete.</p> <p>January 2012 Report Update</p> <p>The interface with Allconnex is improving however appears to be in a constant state of flux. Confirmed has been Allconnex withdrawal from the site based MOU with BPL now responsible for main cut-overs. BPL also now required to complete work method statements prior to the final endorsement of design drawings. This will have an impact on programme.</p> <p>Verbal updates on Telstra work is the only information BPL receive in regard to program. January figures reveal a mis-match in production that would seemingly have an impact on programme however BPL have been advise works are proceeding as scheduled.</p> <p>Risk with Energex is low. Wet weather through the month stunted removal of the existing overheads however impact on programme is minimal. Relationship remains good.</p> <p>February Report Update</p> <p>Similar comments to January.</p> <p>Allconnex remains a significant risk. The requirement for BPL to provide documentation that satisfies the GCRT / Allconnex MOU is placing considerable strain and resourcing and programme</p> <p>March Report Update</p> <p>Comment remains as per October forward.</p> <p>Allconnex is the biggest risk to Programme. The requirement for BPL to provide documentation that satisfies the GCRT / Allconnex MOU continues to place considerable strain and resourcing and programme. All re-worked designs are now requiring WMSs to proceed.</p> <p>April Report Update</p> <p>Comment remains as per October forward.</p> <p>Allconnex remains a significant risk to Programme. Allconnex site personnel continue to deliver mixed messages to the project team with differing standards. They continue to become involved in design and construction</p>		

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<p>issues beyond their scope which causes ad-hoc delays to the programme whilst issues are resolved. In many cases issues presented should not be elevated at all.</p> <p>May Report Update Report Update</p> <p>Comments remain as per October Forward</p> <p>Allconnex remain a significant risk to the project. Progress was made in the month to complete new lines and complete testing, though ongoing cancellations of cutovers by Allconnex has cost the project crucial time. S7a cut over has now been delayed by 2.5 weeks</p> <p>June Report Update Report Update</p> <p>Comments remain as per October Forward</p> <p>Work on Allconnex assets continued with the completion and successful testing of many of the key watermains on the site.</p>		
2	Risk of incidents, eg. safety, traffic incident	No	No	<p>Ensure that each activity is reviewed individually for the risks and hazards. Eliminate where possible, however ensure those that remain are addressed appropriately. Review the activities once underway and look for new hazards and means of improving the safety of the environment.</p> <p>February Report Update</p> <p>Full time resource allocated to the project with assistance in the commercial area also provided to ensure that the procurement activities ensure proper and detailed engagement is undertaken. Additional training required during the course of the projects for local subbies to maintain standards.</p> <p>March Report Update</p> <p>Internal reviews with Boulderstone Safety personnel on the effectiveness of the processes and procedures being employed on the project.</p> <p>July Report Update</p> <p>With the increase of work crews, more effort is being made to manage the interface of multiple crews in a single area through the allocation of leading hands to assist in this interface.</p> <p>Similarly with the commencement of continued nightshifts, a safety coordinator has been dedicated to oversee all nightshift operations and be a presence during this.</p> <p>August</p> <p>Continual increase in crews onsite, especially in nightshifts. Interface management is being</p>	BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<p>employed more and more</p> <p>October</p> <p>Coming into the holiday season, site crews are on heightened alert. The period for Schoolies week, Christmas Holidays and the extended holiday break will require additional care and consideration to manage.</p> <p>November Update</p> <p>Remains as per October with increased numbers expected on the coast coming into the holiday season</p> <p>January Update</p> <p>Recent wet weather has brought many potholing areas to the surface. Due to the fact BPL are not out of the various areas the area left to manage spans the entire site. This has required considerable extra resources to manage.</p> <p>February Update</p> <p>There has been an increased number of incidents in February that cause concern and heighten awareness in regard to this risk. This is a risk that must be managed and controlled by BPL. Measures to be implemented include, personnel responsibilities around site fencing, training course in traffic awareness, increased management focus on site walks / site inspections</p> <p>March Update</p> <p>Maintained as a project risk. In recognition of additional crews onsite an additional Safety Co-ordinator will commence onsite in early April.</p> <p>April Update</p> <p>April Safety Record is commendable however risk remains. This is particularly the case with the increased presence of live services below ground in the form of Energex and Telstra.</p> <p>May Update</p> <p>Extended rain periods in the month affected the quality of the temporary road pavement with various pot holes forming in the road. Temporary pavements and crossings have been assessed and a number repaired or replaced.</p>		

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
3	Weather	No	No	<p>The effects to be managed by BPL with the strategy of getting in early where possible to areas. This approach needs to be embraced by GCRT so that the effects are minimised.</p> <p>January Report Update</p> <p>We have experienced impacts on the project as a result of weather outside the project with the Brisbane floods and Cyclone Yasi impacting materials availability and resources (particularly service authorities).</p> <p>February Report Update</p> <p>Minimal loss of time due to inclement weather with the main issue being the hot weather experienced and the risk of dehydration. This is being proactively managed on site.</p> <p>March Update</p> <p>More wet weather in March, with wet weather affecting pavement works. Civil team is managing process by ordering material with suitable material moisture contents. Other teams are working around the 'showers'.</p> <p>October</p> <p>The project is still remains open to the impacts of wet weather. Additional due care and attention need to be given to environmental controls.</p> <p>November</p> <p>Wet weather is a risk coming into the typical wet season. This is particularly the case in the south whereby stormwater drainage is still to be connected to the outlet.</p> <p>December</p> <p>10.5 shifts were lost in December. The weather forecast remains bleak for January through until the end of March. 1 day per week has been included in the Forecast Program.</p> <p>May Update</p> <p>2 week long periods of rain showers has affected pavement work in the southern region. This is unseasonable rain and not accounted for in the programme</p> <p>June Update</p> <p><i>Rain periods in the last week of June affected a number of key activities, though many crews continued to work in the rain and minimal time was lost to the program</i></p>	BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
4	Caltex Site	Yes	Yes	<p>BPL to assist in providing information as to timelines and impacts. Process is with the GCRT Property Team to manage. Regular meetings to be convened and matter to be an agenda topic for progress meetings so that all parties are fully informed</p> <p>January Report Update</p> <p>Due to Telstra works, this site needs to be remediated to allow Energex to move the padmount transformer to allow Telstra civil works to progress.</p> <p>February Report Update</p> <p>Currently awaiting information as to when the works will be undertaken by third party.</p> <p>March Report Update</p> <p>Contract awarded and interface meeting to be held with McMahon Contractors. OTEK still to provide date when decontamination will occur to confirm when inground services can be constructed through area.</p> <p>April Report Update</p> <p>OTEK contractors have removed all the tanks and infrastructure in April. The ground still to be decontaminated at a date not yet advised.</p> <p>May Report Update</p> <p>OTEK and their contractors completed the remediation works in late May.</p> <p>January Update</p> <p>Caltex has informed BPL that the service station will not re-open in January as originally planned. Instead, Caltex have opted to complete the entire shop and station floor to allow a full opening in late March / early April.</p> <p>February Update</p> <p>No update required. Comments as per January.</p> <p>March Update</p> <p>As per February. Service station expected to open in early April.</p> <p>April Update</p> <p>Service station now open and operating. Low risk</p>	GCRT	Closed

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
5	Design Documentation	Yes	Yes	<p>Design documentation reconciliation to be undertaken.</p> <p>Design status to be provided to assess impacts on the works (including procurement).</p> <p>January Report Update</p> <p>The main problems with the documentation is that there has not been a clash analysis undertaken which is evident by the fact that we have experienced clashes with the stormwater at Australia avenue, Armrick Avenue and Second Avenue (100% clash rate currently) requiring works to be halted whilst the design issues are resolved. The other design issues are associated with the PUP designs with changes to Allconnex drawings, Energex drawings and Telstra still to have their design completed.</p> <p>February Report Update</p> <p>Clash analysis is still the biggest issue with not all of the information included in the model. Boulderstone is working closely with SMEC to try and alleviate the impacts of problems we have experienced in every area we have gone into. A lot of effort is being expended in resolving these issues.</p> <p>Design is a fluid item with the issue of trying to fit everything in an already congested corridor. Parties need to continue to be proactive, but acknowledge additional effort and resources are being expended to overcome the design issues.</p> <p>March Report Update</p> <p>The clash analysis is progressing and is approximately 2 weeks ahead of works, however, more resources required to look further ahead. Boulderstone have allocated the sucker truck at the disposal of the clash analysis crew to allow early conflict identification.</p> <p>Design resolution to areas of design clashes is still a significant concern. Proposal is to have a designer allocated to site to resolve many issues at a site level rather than requiring the exhaustive and slow offsite resolution process (Mostly watermain). This resource or a change to the design approval process is required to prevent the delays that are currently occurring onsite.</p> <p>Boulderstone will be employing another PUP resource allowing one member of the team to concentrate on design resolution and authority coordination.</p>	GCRT	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<p>April Report Update</p> <p>The clash analysis and resolution is now behind the scheduled works and is delaying scheduled works. Boulderstone have allocated the sucker truck at the disposal of the clash analysis crew to allow early conflict identification and have committed two additional full time personnel (dedicated foreman and additional Project Engineer) to assist in PUP relocation works.</p> <p>Consolidation of PUP designs, conflict analysis and resolution is of key concern and is not at a state to allow the project to commence as plan.</p> <p>It is anticipated that unless Aurecon resources committed to the project in April may significant progress in early May, there will be delays to the critical path of the project.</p> <p>There is concern regarding the allocation of Aurecon resources to completing the PUP design consolidation, clash analysis and resolution as these resourced committed full time to the project and based in the site office are only sporadically in the site office and Boulderstone are unaware of what is occurring during these absent periods.</p> <p>May Report Update</p> <p>Design resolution has not changed significantly from April. Boulderstone have proposed and allocated resources to manage Aurecon's design priority and ensure that there is thoroughness in design checks against existing services and that the design is constructible.</p> <p>During May, other options have been considered ranging from changing the contract to a design and construct type, to implanting a site team member in the Aurecon office to manage their design priorities (as mentioned above).</p> <p>June Report Update</p> <p>While challenges continue to exist on the project, progress is becoming evident through Aurecon resources both based on the site and in their offices resolving some of the more challenging critical path issues.</p> <p>Boulderstone have created a design issues priority matrix to align priorities of the program and construction with design resolution. This matrix is being used well and now constitutes the minutes for the weekly design meeting.</p> <p>July Report Update</p> <p>Aurecon have committed resources to overcoming the key priorities on Boulderstone's design priority matrix have been producing key results, though other works that could be commenced but not</p>		

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<p>critical are still awaiting design resolution.</p> <p>These resources have been working well with the site team and team work and best for project decisions have been fostering results.</p> <p>August Report Update</p> <p>Aurecon has met some key milestones set after the relationship workshops, though unexpected conflicts and design issues still arise requiring their input.</p> <p>Clash analysis list is reducing and focus is now on completing this in the north and also completing all the detailed watermain designs in the middle of the project (between Monte Carlo and Cannes)</p> <p>September Report Update</p> <p>Concern still exists in the site team with many design issues still not resolved (after the milestones required to meet key project dates). While some of these issues are new, there is concern that the resolution of issues is taking too long.</p> <p>Informal meetings are still occurring between the designers and site team to overcome issues in a efficient manner.</p> <p>October</p> <p>Extremely high risk. Comments similar to September.</p> <p>November</p> <p>Although decreasing, design still remains a risk for the overall project. In the past 4 – 5 weeks the focus has been rightfully on progressing works in the South. This has meant that miscellaneous works in the North has been placed on the ‘back-burner’. The project team needs to be careful that the Project is not in a similar position in 3 months time.</p> <p>December</p> <p>Design of Watermains in the North are now CRITICAL. November comments remain. THIS IS A SIGNIFICANT RISK TO THE PROJECT.</p> <p>January</p> <p>A significant number of watermain designs have been turned around through January. Minor issues still exist on a small number of designs however these are being worked through with no anticipated delays to the construction programme. The impact on programme is now being evaluated as part of the planning process.</p> <p>February</p>		

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<p>Close to the projects largest risk to programme. Significant time is being taken to turnaround RFIs. The increased number of RFIs this month confirms this fact that, as the project moves into the North, the incidents of design clashes remain ever-present.</p> <p>March</p> <p>The prioritising of RFIs has assisted in turning critical RFIs around. This still remains a risk, especially with Dave Clark (Aurecon) leaving the Project.</p> <p>April</p> <p>Minor watermain issues still haunt the project particularly with the larger property connections off W3. There is a high presence of unresolved property works on the Design Issues Register which will add days to the programme if not sorted by the group quickly.</p> <p>May Update</p> <p>Outstanding property works design remains the focus May. Actions by SMEC to consolidate and finalise is occurring</p> <p>June Update</p> <p><i>All major PUP and civil work design packages complete and released. Progress has been made of property works with the status of most of the outstanding being final agreement with the owners.</i></p>		

Released under RTI 66

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
6	Property Owner expectation	No	Yes	<p>BPL to engage a dedicated resource to manage the process and develop communication process that are proactive. Early and continual engagements to ensure owners are fully informed. Provision of Notice to Entry documentation which includes the scope of works to be undertaken is to be provided.</p> <p>January Report Update</p> <p>We have experienced difficulties with gaining access to the Barrack property at New Mexico resulting in additional works as well as likely changes to Darcy Arms property works.</p> <p>May Report Update:</p> <p>The site team is meeting all property owners in advance of works and ensuring that scope agreements are recorded and timings are developed to suit both parties before works commence.</p> <p>January Update</p> <p>This item will become increasingly prevalent over the coming months as property works begin to ramp up. Currently issues are being handled well in-house with no need for elevation.</p> <p>February Update</p> <p>Similar comments to January however of concern is the apparent lack of consultation completed between GCRT / Aurecon and individual property owners in regard to property works. An additional communications resource will commence on the project in early March to assist in accelerating this process.</p> <p>March update</p> <p>A risk to the back end of the Project. There is still a considerable amount of property works to be agreed with the property owners.</p> <p>April update</p> <p>There is still a considerable amount of property works to be agreed with the property owners.</p> <p>May Update</p> <p>With the handover of the south at the end of May the number of stakeholders is to reduce, though the northern section of the project will see much more activity. By having 2 resources the manage a smaller area, the project is well placed to manage.</p> <p>June Update</p> <p>The site is awaiting confirmation of direction of what is required to completed or what will be removed from scope. This may impact on community perception</p>	GCRT / BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
7	Complaints re noise, interference, etc. – vandals action	Yes	No	<p>BPL to engage a dedicated resource to manage the process and develop communication process that are proactive. Construction activities to be reviewed to assess how impacts can be minimised. Ensure timely closeout of matters raised. GCRT to provide details of high risk stakeholders to ensure they are specifically managed.</p> <p>September Report Update</p> <p>Night works continued into the month with only a small number of complaints received during this period. Methods have changed for night works to further minimise impacts, though further changes will have timing implications.</p> <p>October Update</p> <p>An increased number of Stakeholder complaints were received in October. This was predominantly due to nightshift operations. GCRT has instructed a nightworks embargo from 23rd Dec – 29th Jan.</p> <p>November Update</p> <p>With the increased focus on program, Boulderstone will look to ‘soften’ the nightworks embargo and work on critical activities during January. A proposal will be submitted to SMEC (& GCRT in early December)</p> <p>December Update</p> <p>Vandalism was experienced over the Christmas break with several signs damaged and / or tipped over. In addition there were several instances of graffiti on adjacent buildings.</p> <p>February Update</p> <p>Of minimal risk to the project</p> <p>March Update</p> <p>Of minimal risk to the project</p> <p>May update</p> <p>Three instances of graffiti in the month. These were mostly to equipment and not permanent works</p> <p>June update</p> <p>Minimal complaints despite the continued nightshift. These are mostly centred around Second Ave and SP Blvd</p>	BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
8	Asbestos in buildings	No	Yes	<p>Upon gaining access to properties, an inspection to determine the presence of asbestos to be undertaken. BPL to discuss the creation of SWMS's, undertake contingency planning and identify procurement options to ensure that if found, the works can be readily undertaken without delay to the project.</p> <p>January Report Update</p> <p>We have undertaken asbestos investigations on the properties and identified the presence of asbestos. This will require treatment and removal prior to being able to undertake full demolition works.</p> <p>June Report Update</p> <p>Holiday North Apartments has had high levels of both friable and bonded asbestos identified. The extent of this work will require a number of weeks for removal.</p> <p>August Report Update</p> <p>Large quantities of bonded asbestos packing between structural element in Holiday north has increased the time and costs. BPL has removed a section of the basement to provide right of way for services. Currently only costs remains the risk to the project</p> <p>October Update</p> <p>The presence of asbestos in the Holiday North Building is the main contributor to the slow demolition progress.</p> <p>November Update</p> <p>With the demolition of Holiday North this risk is now severely down-graded.</p> <p>Works all complete in buildings</p>	GCRT	Closed
9	Provision of bus stops along alignment	Yes	Yes	<p>Resolve the matter as to whether bus stops are required or not. Work in a collaborative manner to ensure the number of bus stops is minimised and solution has as little impact as possible on the staging and delivery of the works.</p> <p>January Report Update</p> <p>Matter resolved with the provision of temporary bus stops now required. Works implemented from the 4th January 2011 and requires ongoing assessment, management and maintenance</p>	GCRT / BPL	Closed

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
10	Additional scope of works added to project	Yes	Yes	<p>New:</p> <p>The site team have identified significant additional works required on the project which has not been documented in design drawings or in contract scope. These works include more property works, services connections, landscaping works, restrictions of types of works. These new works:</p> <ul style="list-style-type: none"> • Will impact on program • Clash with scheduled work • Require resequencing of the works • Draw Boulderstone/SMEC resources away from scheduled work • Require additional consultation with stakeholders • Further complicate the project <p>May Report Update Boulderstone have commitment more resources to manage these additional works, with the property team remaining for a longer duration, a further community officer, an additional safety officer, additional surveyors and new PUP team resources. These additional resources will complement the existing team.</p> <p>June Report Update Additional property accommodation and PUP interface works have been identified in June and expected to continue to be identified for the next few months. These additional scope continue to increase the complexities of the work and require sections to be re planned</p> <p>July Report Update The level of additional scope to the project has slowed in July, with some scope actually being removed from the project. The challenge remains integrating the complexity of scope added in previous months in the project program.</p> <p>August Report Update As a direct result of the conflict analysis being completed in key areas, this has meant that additional scope has been introduced as the solution to some of these potential problems. These include demolishing and reconstruction of constructed (and IFC) stormwater and additional watermain relocation</p> <p>September Report Update Additional and changed scope continues in September with watermain changes reducing to only a couple of locations, however the</p>	GCRT	Open

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
				<p>Stormwater extent and complexity continues to grow. Boulderstone are attending meetings with Aurecon to add comments over constructability, though in many cases the solutions have complexity and time implications.</p> <p>October Report Update</p> <p>Extreme high risk. The continued status of incomplete design will contribute additional stress on the site team. This stress must be managed.</p> <p>November Update</p> <p>A heightened risk this month with the possible inclusion of additional sections of watermains whereby insufficient cover is available to existing infrastructure. There is also the potential for additional scope in regards to pavement works given the extensive pot-holing.</p> <p>December Update</p> <p>The risk identified in November is in the process of being realised with delays to critical path items in the South.</p> <p>March Update</p> <p>A slight risk in re-locating the bus-stop from the front of the Shell service station to allow pavements in this area to proceed.</p> <p>April Update</p> <p>Remains a slight risk to the Project with relocation of the Bus Stop from the Shell Service Station and also the relocation of the Bus Stop from Second Avenue to First Avenue.</p> <p>May Update</p> <p>Remains a slight risk to the Project with the designs for property works still outstanding in some instances.</p> <p>June Update</p> <p>Scope increases include:</p> <ul style="list-style-type: none"> • 237m of 375dia watermain relocation • Various property works which are greater than existing scope (Sapporo, Club Surfers etc) <p>There was some scope decrease in the project, these include street lighting north of Wharf Rd and potential reduction in median kerbs</p>		

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
11	PUP requirements for protection of existing assets	Yes	Yes	<p>As the designs are being resolved, there is becoming more work in the planning and negotiating with the PUP</p> <p>August Report Update</p> <p>The evolution of the design increasing in many areas the extent of works required to protect existing assets (e.g. resolved stormwater next to 110kV, temporary Energex conduits past existing Telstra pits)</p> <p>February Update</p> <p>A notable risk not foreseen up until recently. This is particularly the case for Allconnex assets and the apparent increased focus on preserving the integrity of an aging network. Potential for additional scope is significant.</p> <p>March Update</p> <p>High Risk. The requirement to upgrade Allconnex assets such as sewer manholes, hydrants, spindies and property connections will affect program.</p> <p>April Update</p> <p>Remains a high risk. With live services in the ground constantly increasing there is an increasing requirement to ensure the existing assets are protected.</p> <p>May Update</p> <p>The clearance between the 375dia trunk main and pavement in the northern section of the project is now identified as a serious interface between activities. This was not picked up in the reduced clearance audit. Workshops looking at pavement types or watermain modifications is occurring.</p> <p>June Update</p> <p><i>The 375dia watermain was replaced to remove the impact of working around the watermain. Further sections of this main have been identified though due to their depth from pavement works the treatment is less. Potentially other areas exist</i></p>	SMEC/ BPL	Ongoing

Appendix A – Critical Path Components (Rev08 – 1st June Status Update)

Released under RTI - DTMR

Appendix B – Design Priority Register

Released under RTI - DTMR

Appendix C – Current Lot Register

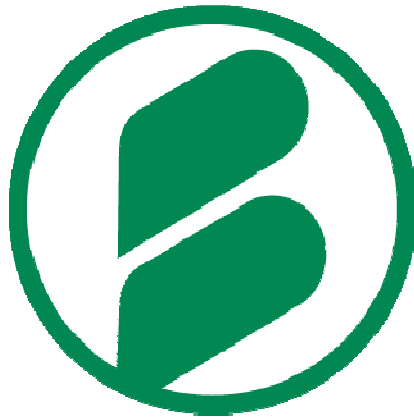
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Appendix D – Current NCR register

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Appendix E – Health Survey Results & Relationship Workshop Report

Released under RTI - DTMR



BAULDERSTONE

Monthly Report
March 2011

Gold Coast Rapid Transit – Broadbeach Roadworks
Contract Number PID10-111

Released under RTI - DTMR

Rev #	Description of change	Prepared by	Date
1	Client submission	Refuse Sch.4 Part	5/04/2011
	Minor amendments	Refuse Sch.4 Part (SMEC)	5/04/2011

Approved for use:

Name	Position	Signature	Date
Refuse Sch.4 Part	Contractor's Representative		5/04/2011
			/ /

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Progress Photographs



Club Surfers Property Adjustment works – Near completion



Southern Stage 2 traffic switch preliminary works



Commencement of St Moritz Mechanical Demolition



Pavement construction in Armrick Ave

Executive Summary

Unidentified services have caused considerable disruption to the progress of works and development of designs on the project in March 2011. The site team is spending considerable time and resources to overcome the conflicts and limit the impacts on the project.

Coordination with the PUP Authorities has continued with the site team and GCRT coordinating with Telstra and Energex to resolve staging, design and resourcing for the project. Boulderstone are awaiting the award of the Telstra works to allow coordination with the successful contractor. Coordination with Energex is occurring and some options are being presented to bring Energex's approach to the works in line with the project staging.

The extension of time claim has been submitted in February with date for Practical Completion of 8th March 2012 has been discussed at length. Although it has been acknowledged the project has been delayed, Boulderstone were requested to submit an acceleration proposal. This was submitted on the 30th March 2011 with acceleration options to complete the project on 27th January 2012.

Interactions between Boulderstone, SMEC and GCRT Broadbeach roadworks project team have been positive and the relationships are still strong even with the challenges to all parties throughout March 2011. Clarification of the GCRT drivers later in the month has assisted the site team to make decisions on a best for project basis.

Safety, quality, traffic and environmental standards are being maintained.

Progress of Work

Project Overview

The month of March 2011 has seen the southern stormwater and pavement works being greatly affected by unidentified services requiring continual redesign and PUP conflict resolution. Regardless the site team has been working hard to instigate the traffic switch to transform the southern area into Stage 2 in early April, with night works involving linemarking, barrier placement, signage erection and traffic signal adjustments occurring.

The property works have focused on the completion of Separable Portion Number 1 at Club Surfers and the commencement of the full demolitions with works commencing at St Moritz. The scope of works at Club Surfers has increased dramatically with multiple variations directed to complete the works to an acceptable standard by meeting the owner's expectations and relevant building codes. Practical Completion for Separable Portion Number 1 was achieved on 31st March 2011 with the works 'fit for purpose' with minor outstanding works and defects remaining. St Moritz demolition commenced with bonded asbestos removed, internal strip out complete and the mechanical demolition of the main structure complete. Activity is currently focused on completing the removal of basement.

PUP works have continued this month with the commencement of the new watermains along the alignment. These watermains commenced and were progressing well until work was held up waiting for resolution of design conflicts raising concerns in the site team over the time taken to achieve resolutions and endorsement by the asset owner.

The Energex civil works required for the removal of the pad-mount transformer outside the Caltex was substantially completed in March and detailed coordination meetings have been held with the Energex site teams for the final removal later in April.

As with the previous month, the site team are being tasked with desk top conflict reviews, investigation works and having to constantly change priorities as further challenges are identified by both the site team and PUP authorities. Similarly there are still concerns with the consolidation of all the designs of the various PUP authorities and while Aurecon have committed resources to address this, this resource is currently only managing to assess potential conflicts that could occur in the next few weeks.

Progress Status Commentary

Physical works are described below:

Planned Activities	Impacts
PUP electrical relocation to remove the pad-mount transformer at Club Surfers	Civil works have been substantially completed and detailed planning for the Energex relocation works has occurred.
Early Telstra civil works installation on western side	Telstra contractors completing minor pits and the road crossings at Armrick and Australia Aves.
Watermain and Energex Civil works on western side of GC Hwy	Works commenced, though delayed due to ongoing design clashes and 'pinch' point issues preventing all proposed services in some locations.
Stormwater drainage (SWD) and road reconstruction at closed intersections (Australia, Armrick and Second Avenues)	Continual clashes with identified services requiring re-design of sections of SWD. Delays to commencement of SWD outside Neddy Harper Park while redesign to minimise affect on 110kV. Pavement works commencement being completed at Australia and Armrick for asphalt in early April. Pavements works in Second Ave on-hold to allow a unidentified realignment of Watermain and Communications to allow works to complete.
Property adjustment works	Club Surfers accommodation works completed to a "fit for purpose" and safe state. Continual variations and directions has left a small balance of works which will be completed in early April. St Moritz mechanical demolition commenced.
Traffic Management	Southern Stage 2 traffic switch works well underway awaiting final asphalt in the side streets to complete the switch.

Information Flow and Timeliness of Decisions for Work under the Contract

Design Status

The three pressing design matters on the project are:

1. Consolidation of all the PUP authority drawings into a single non-conflicting set. Boulderstone are assisting in offering solutions to integrate the design in each area prior to access, though a whole of project consolidation is required to address verge congestion immediately.
2. Review of current designs to prevent the ongoing clash with unidentified services (Aurecon to complete the 3D clash analysis). Boulderstone is undertaking additional works to assist with the clash analysis and advise areas of priority to try and mitigate the problems being encountered on site.
3. Response time to address design clashes. Throughout March it has become more evident that the process to approve any design changes (brought around by clashes with unidentified services) is an exhaustive process requiring input and approvals from various stakeholders. This is resulting in significant delays to the project and the Site team (incl. SMEC) has proposed options to fast track this process.

RFI's Raised / Responded

The number of RFI's raised is increasing and SMEC are working hard to address the issues where decisions can be made on-site with the Site team, however where responses are required from the designer (Aurecon) or third parties the response time is disappointing.

With the inclusion of Aurecon's Transport Principal in design meetings, actions are being taken to address the long response times, though it is still apparent that Aurecon has limited resources and delays are still being incurred on-site above what would be expected.

PUP Management and Interfaces

The PUP issues on the project continue to be the driving task and are most critical due to the time and cost implications. The full impacts of the Telstra works have been broadly identified with actions awaiting the award of the Telstra works allowing coordination with successful contractor to provide more certainty to the project.

Energex have commenced works onsite and coordination needs to be ongoing to ensure that priorities are identified and Energex allocate the resources to these areas. The Site team has identified the key parties within a confusing array of Energex departments and are comfortable and working well the team running the physical relocations works. Concerns still exist with the Energex team completing the design, and their willingness to adjust their approach to meet the best for project approach not just best for Energex. The following concerns however still exist:

- Completion of electrical designs to allow booking in of Energex relocation crews
- Resourcing of Energex relocation crews and prioritising these with Southport Roadworks
- Finding the key decision making people within each of the separate Energex departments (design, overheads, underground, transmission etc)

The Telstra civil design has been finalised and they are close to awarding a contract to a qualified contractor to complete the Telstra relocation works throughout the project. There is still concern and unreliability over the program and sequence to which the Telstra works will be conducted. A "kick-off" meeting has been arranged for 7 April 2011 to meet representatives of Telstra and Telstra's appointed contractor. Key questions that the Site team require from the Telstra contractor awarded the works that have a bearing on the overall project:

- Sequence of installation of conduits
- Sequence of the installation and jointing of cables
- Work hours and production
- Completion dates for each of the five new 'lines' of Telstra conduits

The site team is awaiting the outcome of GCRT communications with the other service authorities (APA Gas, AAPT, PipeNetworks and Optus) for the status of their design and planning of their works. Questions still need answering:

- Scope and status of their design
- Procurement and sourcing of contractors
- Programming of the works to meet the program objectives

Commercial and Contractual

Not Relevant

Not Relevant

Variations

Not Relevant

Extensions of Time

Not Relevant

Predicted Final Contract Valuation

Not Relevant

Released under RTI - DTMR

QA (Quality of works completed and documentation)

Document Register

The table below has been updated to show only the drawing register in relation to Aurecon design drawings for the GCRT project. At this stage the major issue with 'For Construction' drawings is related to the PUP relocation. Specifically, the relocation layouts and identification sheets are generally at the 'For Tender' stage. Until the PUP relocation drawings can be updated the drawing register is still in a 'For Tender' position.

Revision Status	FC	FI	FT	(blank)	Grand Total
Count of Documents	312	165	301	20	778

Process Control Plans / Inspection and Test plans (PCP/ITP)

The PUP Management Plan Revision 1 has been reviewed by SMEC with comments currently being incorporated by Boulderstone; to be reissued in early April.

The Safety Management Plan and Stakeholder and Community Management Plan have all been approved under the respective clauses of the contract. The Stakeholder and Community Management Plan is currently being revised; to be re-issued in early April.

ITP's continue to be populated into Civil Pro. Reviews have been performed by both Boulderstone and SMEC. The approval of each ITP is still processed through Project Centre using an electronic signature.

Construction Lot (status table as at date)

The current construction Lot Register can be seen in Appendix C. Due to a substantial increase in construction and subcontractor engagement, a large quantity of Lots have been created over the past month. This increase will continue to as project construction progresses forward. The recording of Lots continues to be processed by Civil Pro.

No. of Lots Opened in Period	No. of Lots Conformed in Period	No. of Lots Guaranteed in Period	Total Open	Total Conformed	Total Guaranteed	TOTAL
81	62	29	63	149	26	238

Non-Conformance Report (NCR) (status table as at date)

Non-conformance reports have been issued for some lots within the property works adjustments. The NCR's released were of minor cost and as such there has been no requirement to include in Boulderstone's internal Quality Exchange (NCR's over \$5,000.00). The current NCR register can be seen in Appendix D.

Corrective Action Request (Contractor internal CAR)

A Corrective Action Request to date has not been issued under the contract.

Corrective Action Request (Superintendent initiated CAR)

A Corrective Action Request was issued to Boulderstone to formally create and implement a traffic control device inspections from daily and weekly inspections. CAR was immediately addressed and closed out.

QA activities

The Quality Assurance process is following the requirements of the Quality Assurance Management Plan Rev 6.

Community and Stakeholders

General

The Communications and Stakeholder Engagement (CSE) team continue to meet with residents and property owners regarding active and planned property works, and continue to monitor and respond to any community concerns regarding night works and project activity.

For the month of March 2011 activities and resources were concentrated on communicating the Southern Stage 2 traffic change via community notifications and newspaper advertisements. Communications continued with stakeholders and surrounding properties regarding the demolition works at St Moritz, and liaison with property owners, body corporates and residents regarding works at Club Surfers, the Paradise Inn/New Mexico Restaurant, Surfers Paradise Motor Inn, Surf City Church and upcoming works at Surfers Paradise Backpackers.

Public utility works have also required significant engagement and on site meetings with the following stakeholders:

- Gold Coast Bridge Club
- Mantra Wings
- Azzura Constructions
- Ipanema Apartments
- Shell Service Station
- Broadbeach Sushi Train
- Wokinabox
- Surfers Paradise Fire & Rescue
- Caltex Service Station

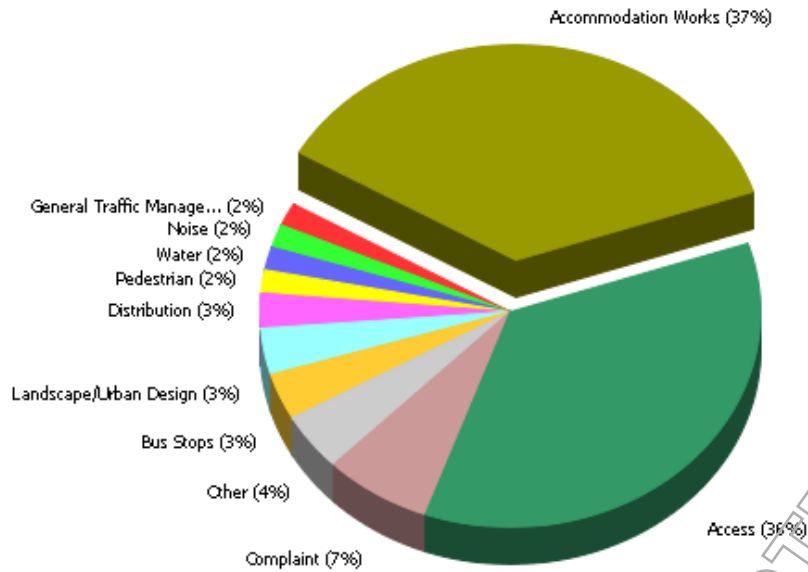
Communication action plans and notifications have been implemented for:

- CAP #11 Southern Zone Stage 2 (commenced 28 March 2011)
- CAP #12 Night-works (commenced 28 March 2011)

Calls and Complaints

A total of 102 “events” were recorded by the CSE team for the month of March 2011, with 8 (7.8%) of these events recorded as complaints. Further information is provided in the consultation manager graphs following.

Issues Raised - Total Events



Issues	Events
Accommodation Works	42
Access	41
Complaint	8
Landscape/Urban Design	4
Bus Stops	4
Distribution	3
Water	2
Noise	2
General Traffic Management	2
Pedestrian	2
Other	5
[No Issues]	8
Total event search	102

Traffic

Traffic management and planning has been undertaken to a very high standard to date with a close working relationship with SMEC and the traffic stakeholders to ensure that the roles and responsibilities are understood, information is transferred efficiently and decisions made promptly.

During March, use of temporary day time lane closures between 9am to 2pm has been implemented with success allowing potential night works to be conducted on the day shift.

Traffic Management Plan

Works are progressing under Traffic Management Plan Revision 3 which has received conditional approval.

Traffic Guidance Schemes (TGS)

The following traffic guidance schemes are active or being prepared:

- TGS001 rev5 – Removal of the centre median – Complete
- TGS002 rev2 – Southern stage 1 – In use
- TGS003 rev1 – Northern stage 1 – In use
- TGS004 – Via Roma U Turn – In use
- TGS005 – Emergency response – Used twice for emergency responses
- TGS006 – Southern Stage 2 – Being implemented under provisional approval
- TGS007 – Short term lane closures (slow and fast lanes) – In Use
- TGS008 – North Stage 2 - Under preparation

Traffic Meetings

Meetings were held with GCRT and external parties as part of the TMLG on the 2nd March 2011 which approved Revision 3 of the Traffic Management Plan.

Released under RTI DTMR

Local Industry Participation

Procurement continues to be in accordance with the Local Industry Participation Plan (LIPP). The following table reflects the letting performance undertaken to date.

Total Project Value	\$25m				
	Amount	%		Number	%
Total Value of contracts let to date	\$16.7m (\$14.48m)*		Total number of contracts let	46	
Value of contracts let within GCCC local government area	\$11.1m	69% (76%)*	Number of contracts let within GCCC local government area	30	65%
Value of contracts let outside GCCC local government area but within Queensland	\$ 5.3m*	29%	Number of contracts let outside GCCC local government area but within Queensland	14	31%
Value of contracts let outside Queensland	\$ 0.3m	2%	Number of contracts let outside Queensland	2	4%

*indicates the figures when the exclusions of materials that could not be sourced from GCCC local government area is factored, and includes:

- Precast stormwater drainage components \$1m
- Traffic signal equipment \$0.68
- Water and sewer pipe work \$0.54

At the end of the period, the following snapshot data is provided:

- Turnover to date is approximately \$4.1m
- Local contractor expenditure is approximately \$2.8m
- Number of workers on site is on average 85

Team Resources and Cooperation

Staff and Subcontractors

The project is being staffed as per the organisation chart included in Appendix B. Please note that it includes additional resources to that envisaged due to the complexity of the project and the need to undertake greater planning, design reviews, design changes and authority liaison. Changes in the period include the commencement of an additional surveyor, project secretary, and an additional commercial resource.

To manage the increased scope and variations around the PUP, a foreman has been engaged to allow a dedicated PUP supervisory resource, and recruitment of an additional PUP Engineering resource is occurring. These resources have been identified as a requirement to suitably manage the increased project for the benefit of the project. The team structure is likely to be adjusted in April to address the changes in the project and from further resources allocated for variation works and potentially acceleration of the project.

The number of subcontractors and supplier organisations engaged to date is 46

Relationship between Principal / Superintendent / Contractor

The relationship between the Principal/Superintendent/Contractor continues to be proactive with open and honest communications. There have been some significant challenges this month and the combined approach to addressing design issues, whilst frustrating, is working well.

Weekly CAP meetings and the invite to the GCRT PLACE Manager to attend Boulderstone weekly team meetings have been positive with correct information flowing between parties minimising any mis-information.

Safety

Incidents

- Whilst crossing the Gold Coast Highway, worker waited for the walk signal and witnessed 1 car come to a stop. As he was crossing, a red Mazda 3 hatch ran the red light narrowly missing him.
- Unknown persons broke into the compound bent out the cradle holding the battery and removed it from site truck.
- Excavator was in the process of boxing the sub grade with the existing sub grade being removed with a batter blade in 50mm increments when the bucket came into contact with a property gas line. The line was immediately shut off and authorities called, the line was repaired in 1.5 hours.
- Unknown persons accessed the site and removed a bull-bar, spare wheel and smashed the rear window of a truck from CLM. The front gate to the office and toilets were left unlocked and the same people accessed the crib room and training room taking 5 UHF radios, a power board, and PC speakers. The toilet block had all stored materials thrown and emptied over the men's room.

Safety Statistics and Notices

Hours worked in period

Staff	4943
Labour	748
Subcontract	6182

Hours worked to date

Staff	11839
Labour	2444
Subcontract	17021

LTI's	0
MTI's	0
FAI's	0

Safety Initiatives

Initiatives implemented to date include:

- Training for spotting for overhead powerlines organised
- Training for traffic management for staff and labour
- Delivery checklist (including inspection and induction)
- No right hand turns allowed unless at signalised intersection following traffic incident
- Toolbox with all sub-contractors in requirements for Buried Services Permit
- Training commenced on services locator
- Delivery of a 'position of safety' platform for use next to trenches
- Potholing requirements for flexible lines have been increase to 1m intervals when the line cannot carry a current for ground radar.

Site Toolbox Talks

Site tool box talks have continued in March (every Tuesday at 6:30am) with compulsory attendance by all staff and workers for Boulderstone.

Site Safety Walk

Weekly site safety walks continued in March. Members included: Superintendent's Representative and Engineer, GCRT Safety Manager, and Boulderstone's Contractor's Representative, Safety Coordinator and Civil Superintendent.

Safety Committee

Site Safety Committee has been established with the meetings held on site on the last Tuesday of every month. Representatives from Boulderstone, SMEC and subcontractors are in attendance.

Issues raised in March:

- Illegal movements by supplier delivery vehicles
- Trench covers and fall protections around trenches
- Suitability of PPE used (i.e. could fingerless gloves be used)

Environment

Boulderstone submitted the third revision of its Construction Environmental Management Plan in response to SMECs comments, which were received late in December 2010.

Weekly inspections continue to be undertaken. (Construction Manager), (Site Engineer) (Site Engineer) (Environmental Coordinator) and a representative of SMEC undertake these inspections and findings/observations are tabled within a weekly report and at the weekly Boulderstone project meeting.

Observations have been made and adjustments to the site compound at Neddy Harper park has been made with a rumble grid and new access point installed to contain sediments that could be tracked offsite.

Mechanical demolition has commenced with vibration and noise monitoring occurring to record impacts on surrounding properties.

Boulderstone has responded to additional requests from Aurecon for information to resubmit the permit application to DERM to allow the outlet structure construction.

Risks to Contract and the Project

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
1	Interface with PUP agencies and finalisation of design - Currently awaiting "For Construction" documentation and endorsed drawings	Yes	Yes	<p>Regular meetings to be convened with PUP owners to ensure design works are in accordance with the contract program and issues identified early. Coordination of physical works to be managed by BPL with clear timeframes established and communicated. BPL to ensure dedicated resource on site to coordinate activities.</p> <p>January Report Update</p> <p>Critical issue with the relocation of Telstra assets which is having a direct impact on the project and the ability to progress the works. This has flow on implications to the Energex works and the Caltex remediation activities (by others) EOT claim being developed which indicates an impact of over 5 months to the project</p> <p>February Report Update</p> <p>Telstra remains a critical impact on the project. Energex design is also a further issue that is impacting the project. Boulderstone will need to engage additional resources to manage the reviews, design, coordination and construction planning. Accelerated program submitted with a revised date of PC out to the 8th March 2011</p> <p>March Report Update</p> <p>Site team is waiting for the award of the Telstra contract allowing coordination and program to be finalised with successful contractor. Energex still remains a concern to the project with the design yet to be complete, and the unreliability of a single point of contact/decision. Boulderstone is establishing who are the key people within the organisation who make decisions and establishing dialogue</p>	BPL / GCRT	Open

Item	Risk	GCRT		Treatment	Action by	Status
		No	No			
2	Risk of incidents, eg. safety, traffic incident	No	No	<p>Ensure that each activity is reviewed individually for the risks and hazards. Eliminate where possible, however ensure those that remain are addressed appropriately. Review the activities once underway and look for new hazards and means of improving the safety of the environment.</p> <p>February Report Update</p> <p>Full time resource allocated to the project with assistance in the commercial area also provided to ensure that the procurement activities ensure proper and detailed engagement is undertaken. Additional training required during the course of the projects for local subbies to maintain standards.</p> <p>March Report Update</p> <p>Internal reviews with Boulderstone Safety personnel on the effectiveness of the processes and procedures being employed on the project.</p>	BPL	Ongoing
3	Weather	No	No	<p>The effects to be managed by BPL with the strategy of getting in early where possible to areas. This approach needs to be embraced by GCRT so that the effects are minimised.</p> <p>January Report Update</p> <p>We have experienced impacts on the project as a result of weather outside the project with the Brisbane floods and Cyclone Yasi impacting materials availability and resources (particularly service authorities).</p> <p>February Report Update</p> <p>Minimal loss of time due to inclement weather with the main issue being the hot weather experienced and the risk of dehydration. This is being proactively managed on site.</p> <p>March Update</p> <p>More wet weather in March, with wet weather affecting pavement works. Civil team is managing process by ordering material with suitable material moisture contents. Other teams are working around the 'showers'.</p>	BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Yes	Yes			
4	Caltex Site	Yes	Yes	<p>BPL to assist in providing information as to timelines and impacts. Process is with the GCRT Property Team to manage. Regular meetings to be convened and matter to be an agenda topic for progress meetings so that all parties are fully informed</p> <p>January Report Update</p> <p>Due to Telstra works, this site needs to be remediated to allow Energex to move the padmount transformer to allow Telstra civil works to progress.</p> <p>February Report Update</p> <p>Currently awaiting information as to when the works will be undertaken by third party.</p> <p>March Report Update</p> <p>Contract awarded and interface meeting to be held with McMahon Contractors. OTEK still to provide date when decontamination will occur to confirm when inground services can be constructed through area.</p>	GCRT	Open

Released under RTI/DTPR

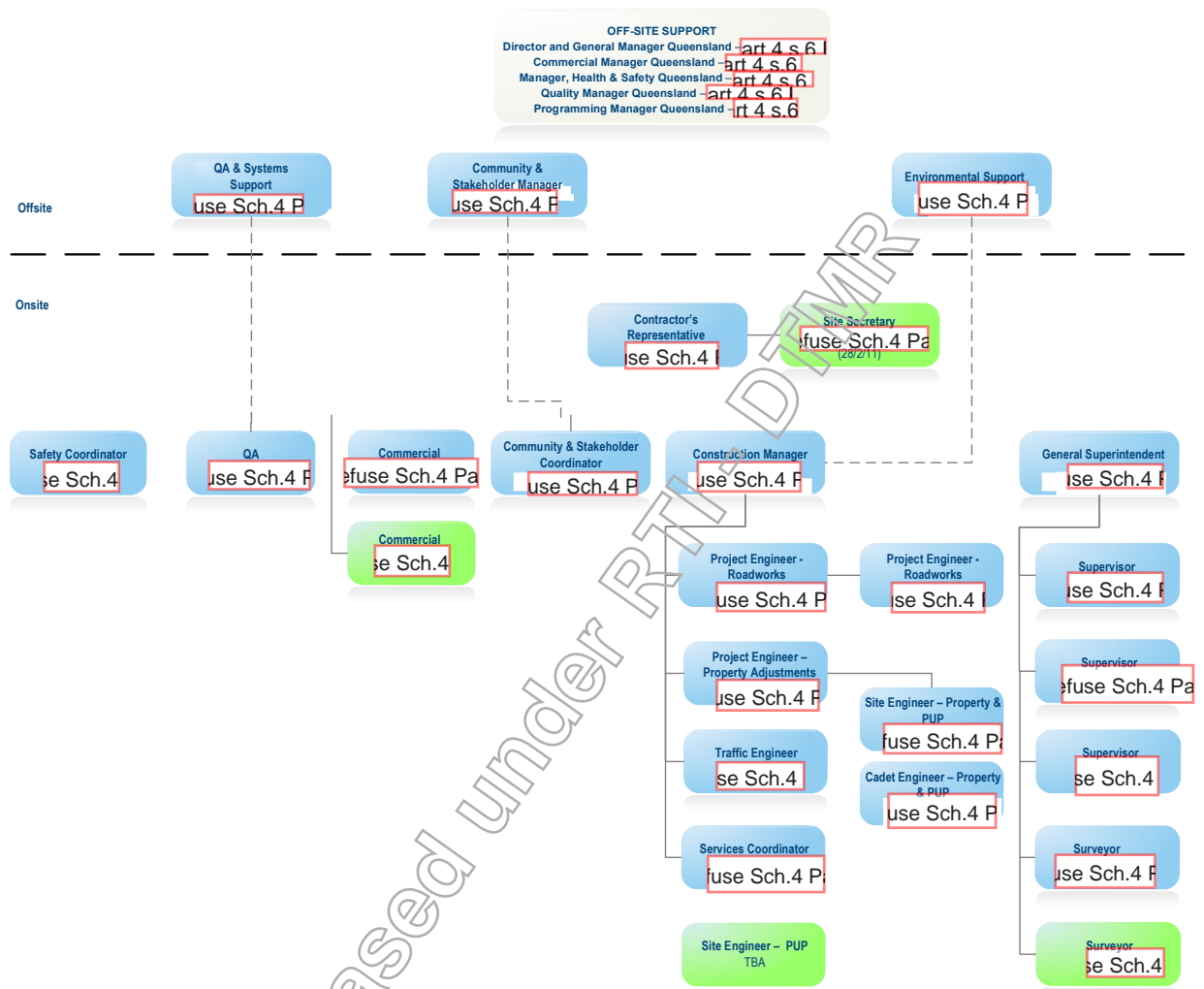
Item	Risk	GCRT		Treatment	Action by	Status
		Yes	Yes			
5	Design Documentation	Yes	Yes	<p>Design documentation reconciliation to be undertaken.</p> <p>Design status to be provided to assess impacts on the works (including procurement).</p> <p>January Report Update</p> <p>The main problems with the documentation is that there has not been a clash analysis undertaken which is evident by the fact that we have experienced clashes with the stormwater at Australia avenue, Armrick Avenue and Second Avenue (100% clash rate currently) requiring works to be halted whilst the design issues are resolved. The other design issues are associated with the PUP designs with changes to Allconnex drawings, Energex drawings and Telstra still to have their design completed.</p> <p>February Report Update</p> <p>Clash analysis is still the biggest issue with not all of the information included in the model. Boulderstone is working closely with SMEC to try and alleviate the impacts of problems we have experienced in every area we have gone into. A lot of effort is being expended in resolving these issues.</p> <p>Design is a fluid item with the issue of trying to fit everything in an already congested corridor. Parties need to continue to be proactive, but acknowledge additional effort and resources are being expended to overcome the design issues.</p> <p>March Report Update</p> <p><i>The clash analysis is progressing and is approximately 2 weeks ahead of works, however, more resources required to look further ahead. Boulderstone have allocated the sucker truck at the disposal of the clash analysis crew to allow early conflict identification.</i></p> <p><i>Design resolution to areas of design clashes is still a significant concern. Proposal is to have a designer allocated to site to resolve many issues at a site level rather than requiring the exhaustive and slow offsite resolution process (Mostly watermain). This resource or a change to the design approval process is required to prevent the delays that are currently occurring onsite.</i></p> <p><i>Boulderstone will be employing another PUP resource allowing one member of the team to concentrate on design resolution and authority coordination.</i></p>	GCRT	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		No	Yes			
6	Property Owner expectation	No	Yes	<p>BPL to engage a dedicated resource to manage the process and develop communication process that are proactive. Early and continual engagements to ensure owners are fully informed. Provision of Notice to Entry documentation which includes the scope of works to be undertaken is to be provided.</p> <p>January Report Update</p> <p>We have experienced difficulties with gaining access to the Barrack property at New Mexico resulting in additional works as well as likely changes to Darcy Arms property works.</p>	GCRT / BPL	Ongoing
7	Complaints re noise, interference, etc. – vandals action	Yes	No	<p>BPL to engage a dedicated resource to manage the process and develop communication process that are proactive. Construction activities to be reviewed to assess how impacts can be minimised. Ensure timely closout of matters raised. GCRT to provide details of high risk stakeholders to ensure they are specifically managed.</p>	BPL	Ongoing
8	Asbestos in buildings	Yes	Yes	<p>Upon gaining access to properties, an inspection to determine the presence of asbestos to be undertaken. BPL to discuss the creation of SWMS's, undertake contingency planning and identify procurement options to ensure that if found, the works can be readily undertaken without delay to the project.</p> <p>January Report Update</p> <p>We have undertaken asbestos investigations on the properties and identified the presence of asbestos. This will require treatment and removal prior to being able to undertake full demolition works.</p>	GCRT	Closed
9	Provision of bus stops along alignment	Yes	Yes	<p>Resolve the matter as to whether bus stops are required or not. Work in a collaborative manner to ensure the number of bus stops is minimised and solution has as little impact as possible on the staging and delivery of the works.</p> <p>January Report Update</p> <p>Matter resolved with the provision of temporary bus stops now required. Works implemented from the 4th January 2011 and requires ongoing assessment, management and maintenance</p>	GCRT / BPL	Closed

Appendix A – Two Month Look Ahead Program (based on Rev.3 Program)

Released under RTI - DTMR

Appendix B – Contractor’s Organisation Chart



Please note that due to the significant amount of work associated with the PUP, the project requires additional resources to assist with resolving issues, coordinating the design, undertaking clash analysis, performing desktop reviews – all on top of the construction planning and coordination originally envisaged.

An additional commercial resource has been allocated to the Project to assist in the assessment of changes from tender documentation and to help process the variations that have been undertaken to date.

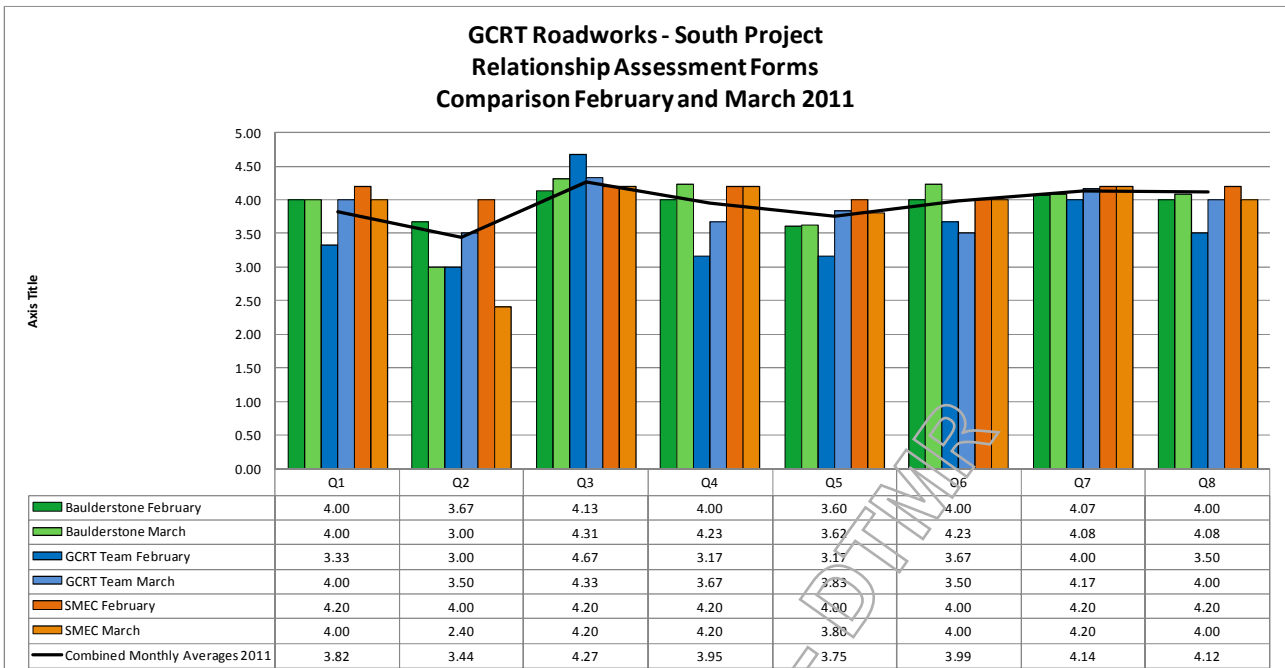
Appendix C – Current Lot Register

Released under RTI - DTMR

Appendix D – Current NCR register

Released under RTI - DTMR

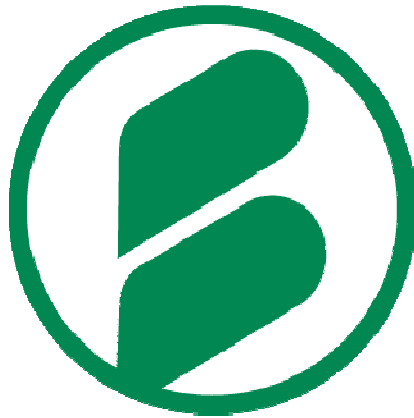
Appendix E – Health Survey Results



Questions	
Q1	Comms are appropriate, timely, open and honest
Q2	Issues are resolved in a timely and inclusive manner
Q3	Safety is a priority over production
Q4	We work as a collaborative team to achieve exceptional performance
Q5	Decision-making is made on a "best for project" basis
Q6	It is a "no blame" culture
Q7	We are respectful of each other e.g. We listen, we pick up the phone, we are prepared to be flexible
Q8	I have really enjoyed being part of this project team over the past month

Comments:

DA	2). Issues requiring input from Aurecon or redesign are generally not happening in a timely manner. Also same for resolving Water/Sewer design changes or proposals for change. 5). Best for project decisions are not always being made. There are too many instances of construction quality being sacrificed to accommodate what is generally a 'potential issue' rather than allowing the site team to carry out appropriate and timely communication for actual impending impacts.
PA	2). Issues where SMEC and GCRT are able to provide direction/assistance are being generally resolved in a timely manner. Some issues involving PUP's (Telstra, Energex, Allconnex) and Aurecon are sometimes frustrating the site team with regard to finding an efficient and appropriate solution. Following recent meetings and the Workshop on 25/3, I expect improvement in April.
MW	2). Best for Project has changed over the month. At start of month I would have listed 1 or 2, the concerns were the project was being compromised (Time & Safety) to address perceived risks to Community, whereas community were well managed. This has changed with a clearer direction from workshop and feedback to refuse Sch.4 Pa and it appears that in last week of March "Best for Project" is identified as time and decisions are being made to that effect.
MS	Becoming frustrated on hearing of continuing delays caused by non resolution of design issues. Especially minor issues being held up by lack of process between the parties concerned (eg. Allconnex/Aurecon a water design issue)
AZ	Having major issues/delays from waiting on stormwater redesign, taking forever.
RL	Takes ages to get design answers
JT	CAP Meetings on Monday's working well. Loss of trade to businesses becoming an issue, need to work with place manager on this.
SC	2). Issues take a long time to get resolved. It is a junction of designer resources; third party priorities not aligned with project's and the quality of the base design.
JB	Understand the team is attempting to engage additional PUP staff however work load is such that it is not maintainable and omissions, forgetting and lack of time to attend to details is the result. Reiterate previous comment on the Construction Strategy (possibly too late for GCRT) Initial works to remove PUP prior to construction of road and hence allocation of total Baulderstone resources to this task. Suggest once all PUP crews are in full construction mode field supervision will need to be 2-3 people, presuming Baulderstone involvement with Telcos.
TS	Collaborative approach to working through the programming issues is working well.



BAULDERSTONE

Monthly Report
May 2011

Gold Coast Rapid Transit – Broadbeach Roadworks
Contract Number PID10-111

Released Under RTI - DTMR

Rev #	Description of change	Prepared by	Date
1	Client submission	efuse Sch.4 Pa	6/06/2011

Approved for use:

Name	Position	Signature	Date
efuse Sch.4 Pa	Contractor's Representative		6/06/2011
	Superintendent's Representative		7/06/2011

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Progress Photograph



Manhole 89 – Sheet piles installed and removal of concrete encasement of Telstra network commenced



Southern Stage 2 – Main stormwater drainage works (line 9 & 14)



Southern Stage 2 – Stormwater drainage manhole construction



Southern Stage 2 – Installation of Energen network in close proximity to properties

Executive Summary

Progression of works remains slow, with many work operations delayed due to a lack of design resolution on the project. While considerable effort has been made to overcome issues, the critical path to the project is likely to be affected by non-resolution of design clashes with Telstra's south-west and west conduit lines (mostly at road crossing).

While no official program has been submitted, the information provided by Telstra in late May indicated that their critical works will continue to the end of March 2012, meaning that Boulderstone's works are likely to continue into May 2012 even with our previously proposed acceleration methods. Until an official program has been received from Telstra (with the breakup of each cut over) Boulderstone are limited in what further options we could provide to accelerate the works. Boulderstone have been requesting Telstra's program for almost 6 months.

Design delays due to new scope; conflict with existing services and clashes with other proposed services continues to prevent progress of works in May 2011. The site team (even with additional resources) is spending considerable time and resources to overcome the conflicts and limit the impacts on the project even with the allocation of Aurecon resources dedicated to the project. Boulderstone has now taken over prioritising PUP design conflict resolution and Design issues and PUP issues meetings are held at more frequent intervals.

The extent of property accommodation works has been identified by the site team with many smaller property adjustments being determined and agreed with the owners by the site team. Larger design interfaces (such as with Crowne Plaza) still involve all parties.

Interactions between Boulderstone, SMEC and GCRT have been positive, though there is a continual frustration with Aurecon even with additional resources in their ability to catch up on the back log and provide designs and respond to design conflicts and queries which is affecting the progress of the project.

While PUP works and most of the northern section work has been affected, areas such as property works and the southern civil works remain as per program, demonstrating that planning and problem solving by the site team (without the need for Aurecon or the hindrance by some PUP authorities) can allow the works to be progressed as planned.

Released under RTI-66

Progress of Work

Project Overview

There has been only marginal progress in May, with design resolution largely unresolved despite the Site team's efforts in trying to assist Aurecon and GCRT to overcome design clashes and negotiating with the PUP authorities. It is important to note that the property accommodation works and the southern civil works remain on program despite the continual scope changes and difficult in-ground challenges.

The site team has been trying to maintain the critical path of the project (Telstra works), though there have been a number of key design delays to which has affected existing critical works and delays to other near critical works has led to the critical path of the project shifting between activities (now the installation of the complete south-west and western conduits rather than the construction of Telstra Manhole 89).

The key delays to these critical and near critical path activities include:

- Telstra request to remove concrete encasement of their existing ducts prior to the complete excavation of the trench for manhole 89.
- Additional unidentified communication ducts that do not follow the identified alignment of the communications ducts through manhole 89 excavation, requiring adjustment to sheet pile designs, support and pit construction.
- No non-conflicting design alignments for the Wharf Rd, Cannes Ave and single remaining Gold Coast Highway crossing
- No resolution of the design clashes preventing the Telstra crossing of Monaco St. The proposed alignment clashes with the existing sewer rising main, to which proposed relocation designs are un-constructible

Other PUP works have also been delayed due to their requirements to have these clashes resolved, though given the priority remains with Telstra's critical path work they remains as a lesser priority given the limited resources assigned to resolve the design.

The PUP works are currently being resourced with:

- Telstra – 2 of 3 crews conducting productive works
- Energex civil works – 1 of 3 planned crews conducting productive works. The first crew only returned to site after demobilising in late May (2 other crews remain offsite)
- Watermain – 0 of 1 planned crews conducting productive work. The single crew remained on site and Boulderstone partially used them in unproductive manners on other works to assist in mitigating costs
- Sewer – 0 of 1 planned crew. This crew has yet to be mobilised to site
- Stormwater drainage – 3 of 4 crews working onsite. In late May the 3rd crew were stopped at Neddy Harper Park due to design and out of sequence issues.

Stormwater drainage works in the southern stage 2 have commenced in 2 of the 3 planned areas. Boulderstone subcontractor has commenced the installation of the large pipes and manholes that form stormwater drainage lines 9 and 14. Design resolution is required for a number of items including the connection of line 9 past a watermain, the details of the large stormwater junction pit and the proposed alignment for the twin 1200dia pipes into Britannia Ave. The 3rd area in the second southern stage 2 compound (Line 7) has yet to commence until a design resolution has been achieved to allow construction without clashing with the 110kV in-ground electrical network.

Property works in May have focused on the properties on the eastern side of the Gold Coast Highway, with the accommodation works for D'Arcy Arms, Chaopraya Thai, Surfers Paradise Backpackers and Sherwood Court ahead of schedule despite significant scope changes.

The full demolition works at St Moritz was completed. At Anita Apartments the internal stripping of Asbestos and other lining was complete and the structure is ready for the main mechanical demolition. Holiday North internal strip out has just commenced.

To assist in the short falls and lack of resources to overcome the design challenges, Boulderstone proposed various options that could assist GCRT in overcoming these design clashes (refer to Boulderstone initiatives for further details).

Progress Status Commentary

Physical works are described below:

Planned Activities	Impacts
Energex civil works	Baulderstone's contractor stood down from site in early May due to no work areas available to conduct productive works. One crew returned in late May and have commenced in the southern verge where design resolution has been determined by the site team (see initiatives below for details). The other 2 crews remain offsite.
Telstra works	Telstra contractor (Brisbane Directional Boring) has completed 2 of the 5 road crossings and a majority of the remaining conduits works to allow completion of the critical path south-west and west lines. Delays to the conflict resolution and alignment at Wharf Rd, Cannes Ave, 3 rd Gold Coast Highway, and Monaco St crossings continues to delay works and will now impact the critical path. Each of the road crossings involves the compilation of all proposed and existing services into a single model, and allocation of space meeting the PUP authority's network standards.
Sewer and Watermain works	No watermains or sewers were installed in May, despite the plan for this month to be one of the busiest for watermains and commencement of sewer works. Continual identification of clashes in the design and the lack of co-operation from Allconnex to compromise for 'best for project' decision continue to delay these works. While endorsed designs for water and sewer arrived in late May, these had not been checked against existing in-ground services, a task that Baulderstone survey team have commenced. Allconnex continue to further complicate the project with additional requirements, delayed responses, changed scope for contractor, additional notification period, and new protection measures which delay works and result in additional costs.
Stormwater drainage (SWD) and road reconstruction at closed intersections (Australia, Armrick and Second Avenues)	Stormwater drainage works commenced in the southern areas and in Neddy Harper Park. Works in Neddy Harper park continued into late May before being delayed due to clearance issues with 110kV, new Allconnex requirements when passing under or exposing an existing AC main and out of sequence works requiring for a trenchless technology under direct buried 11kV cables. Delays to commencement of SWD outside Cascade Gardens while redesign to avoid clash with the 110kV. Refer to site team initiatives for assistance given to Aurecon. The southern areas, Line 9 and 14 have commenced and current work areas haven't been delayed by design clashes. There are unresolved issues that will stop work progress in June without resolution.
Property adjustment works	Scope of property accommodation works continue to change from what was detailed in the Contract drawings. Many changes are being made on-site to address concerns of functionality and from residents who wish to have their input into the designs. Despite the changes, the works along the eastern properties continue maintaining program, though the constant changes required often stops work at property while Baulderstone organises

	contracts with minimal notice. The extent of additional works along the southern alignment has become clearer, with the site team determining solutions that area agreed directly with owners, not requiring Aurecon interaction.
Traffic Management	Monaco St full closure and the side street closures for the critical path Telstra works have all been prepared and submitted, awaiting design resolution.

Site Team initiatives to progress the works

Throughout May, the site team contributed to the identification and resolution of various design issues, allowing the project to progress and for further impediments to the progress to be identified and addressed at an early stage:

1. Developed the Monaco St full closure initiative to allow all the complex array of services to cross in a single full closure, without the need for a highly inefficient 4 weeks of night works. Further investigation into the alignment by Baulderstone and SMEC determined clashes with the existing sewer rising main and the proposed Telstra network (critical path). The site team providing assistance to Aurecon with prompt potholing and an internal critical review by the site team has challenged the need for the proposed complex relocation of the sewer rising main.
2. Provided traffic management enabling works for Telstra (Brisbane Directional Boring) to allow efficient works. This involved Baulderstone removing conflicting traffic management barriers and fencing adjacent to the Telstra road crossing on shift prior to Telstra works, allowing for each road crossing to be completed in 2 night shifts rather than the 3 it had taken prior.
3. Taken the initiative to resolve conflict resolution and allocate alignment of the new services in the verge of the eastern side of the Gold Coast Highway between First and Australia Ave. Internally, Baulderstone determined an alignment and sequence for these areas without Aurecon assistance, providing work areas for 1 Energex civil works crew and 1 Telstra crew (which would otherwise be stood down).
4. Reviewed the design for changes to the Remembrance Dr Bus Bay works, where a significant footpath and garden realignment was required. The site team has developed a proposal to relocate the bus shelter location only which will remove the need for this the additional works in the sensitive area.
5. Provided various design options that could be used by Aurecon to overcome the significant clash between the proposed stormwater drainage line 7 outside Cascade Gardens and the existing 110kV. 6 options were proposed, of which Aurecon would use as a basis for producing a new design.
6. Completed additional scope works at Fern St on the behalf on Energex to allow their work to be more efficient and have the overhead power poles removed ahead of time.
7. The site team has further reviewed the alignment design for the entire project and determined the previously unidentified impact on properties where no property resumptions were required. Based on this information the site team is determining resolution for a majority of these properties in conjunction with the property owners without input from Aurecon. Some properties still require full design details, therefore the site team is collating information for Aurecon to allow for expedient resolutions.
8. As most of the designs for the property accommodation works had not been discussed and/or agreed with the property owners during design development, the site team have initiated a process of review where approx' 3-4 weeks before entering a property the owners are consulted, the design is discussed, altered where possible and agreed prior to commencing works (i.e. Backpackers, Sherwood Ct, Chaopraya, New Mexico etc). Where a property design is not agreed with the property owner, these are elevated to GCRT (via SMEC) for higher party resolution (i.e. Ipanema, D'Arcy Arms & Crowne Plaza)
9. Where design clashes are identified and conventional construction techniques are problematic, the site team has investigated techniques and prepared cost comparisons to allow for a best for project decision as to which option to pursue design solutions.
10. Evaluation of the environmental permits as received by the site team. This becomes evident, by the fact that a number of concerns have been identified in the approval documents, where Baulderstone and GCRT can be proactive and have these concerns resolved prior to works in these areas commencing and this not delaying the works

11. Boulderstone have identified additional clearing works along the Cascade Gardens verge, where the existing trees and branches will conflict with street lighting, are in too close a proximity to traffic under final alignment, and where current trees are a hazard to pedestrians. Boulderstone will organise a joint walk and through our Arborist create a report in which to recommend the extent of clearing required, which will allow GCCC and GCRT to finalise the approvals for this previously unidentified work required for the permanent works.

Information Flow and Timeliness of Decisions for Work under the Contract

Design Status

The status of suitable designs and slow responses to design clashes identified on site is significantly impacting the project. A significant portion of the scheduled work has been delayed due to the slow turn around and is increasingly requiring more and more of the site team's time to assist in identifying, measuring and resolving these design issues, which is drawing our resources (even with additional team members) away from our planning and construction management responsibilities.

The site office has been reconfigured to allow a complete section of the office to cater for four Aurecon work stations with upgraded internet connection to allow design resolution to occur amongst the site team who can provide valuable information and respond to requests for further information without any real time delay.

Aurecon have allocated a further two resources to conflict resolution with Part Refuse Sch.4 Part 4 s.6 joining the existing Aurecon staff. While these additional resources are welcome, the late allocation of these sufficient resources means that there is a considerable back log of issues to resolve and works still remain affect.

Boulderstone have taken over the prioritising of this teams focus for resolution of design issues, with a new priority tracking schedule produced, tracked and updated by the Boulderstone Senior PUP Engineer, and with Boulderstone providing a representative to attend the Aurecon site office to further manage the priorities of the resolution of the other design issues which while not going to require immediate resolution (as by the Aurecon resources on site) will need to be resolved to prevent these from becoming critical.

PUP design issues meeting are now starting to be held weekly, with the PUP meeting minutes being replaced by Boulderstone PUP issues resolution schedule.

Property works resolution, that cannot be resolved by the site team have stalled in May, though the commitment of a dedicated design resource Refuse Sch.4 Part for June will hopefully address this shortfall.

RFI's Raised / Responded

The number of RFI's raised continues to increase and SMEC are working hard to address the issues where decisions can be made on-site with the Site team. The backlog of answers of both RFI's raised through Project Centre and issues highlighted in the design/PUP meeting minutes remains predominately with Aurecon, GCRT and Allconnex.

The following key designs issues continue to remain high priority and were not resolved within May, with various impacts on the works (decisions required from parties in the brackets):

- Clash review (incl. overcoming all clashes with 110kV cables, stormwater & water design issues within southern section of the works, Optus pits, etc) (Aurecon),
- Completion/updating of 12D model (Aurecon),
- Completion and endorsement of all Water and Sewer design drawings (Aurecon / Allconnex) – Issued though uncheck against existing services
- Completion of Street-lighting design and drawings (Aurecon / GCRT),
- Completion of review of project pavement designs (in order to simplify the works) (Aurecon),
- Cascade Gardens major stormwater design review (Aurecon - & requires approval from GCCC)
- Wharf Rd / Duty Free Building design issues (Aurecon / GCRT),
- Club Surfers (GCRT to discuss with Architect regarding handrails, balustrades, and other finishing works requested by Body Corporate),
- Redesign of Wharf Rd intersection configuration to avoid 2Nos. of existing large fig trees (Aurecon),

- Review/Redesign of Property resumptions/impacts (particularly the Southern Section, incl. Crowne Plaza, MEC Cafe, Saffron property) (Aurecon / GCRT, with SMEC/BQPL to assist where required),
- Design of driveway and property works at Ipanema (GCRT / Aurecon),
- Review/Redesign of Driveways (Aurecon & SMEC/BQPL to assist where required),
- Second Ave long-term bus stop (Aurecon),
- Neddy Harper Park long-term bus stop (Aurecon),
- Kerb designs for central median (Aurecon),
- Telstra Pit 89 top cover slab (Aurecon),
- Landscaping/Urban design (footpaths, etc) (GCRT / Aurecon).

PUP Management and Interfaces

The installation of PUP almost ceased in May due to the unresolved PUP design consolidation, clash analysis and resolution, and the lack of cooperation from Allconnex. While allocation of resources by Aurecon to this problem has occurred, they are working through a significant back log of issues.

These unresolved design issues has been a source of frustration and has delayed much work, and many of Boulderstone's sub-contractor crews have either left site or haven't mobilised as planned.

Energex continued works onsite and coordination is ongoing ensuring that priorities are identified and Energex allocate the resources to these areas. The Energex implementation team have been helpful and they are providing better and more reliable advice than that received by the nominated coordinator and his design team.

Concerns still exist with the Energex team completing the design, and their willingness to adjust their approach to meet the best for project approach, not just best for Energex. The following concerns however still exist:

- Completion of electrical designs to allow booking in of Energex relocation crews
- Resourcing of Energex relocation crews and prioritising these with Southport Roadworks
- Ensuring that the Energex design meets the requirements of the other Energex departments and this information is clearly and expediently answered to allow works to commence.

Boulderstone still have not yet been issued a proper Telstra's works program to input into the Contract Program (Rev3). Information received from Telstra show that Telstra is not committed to the Contract dates, and such information indicates that their works will continue until the **end of March 2012**. This information is based on the commencement of pulling cable in late June 2011 which will likely be delayed due to no resolution to road crossing alignments and does include the embargo period mentioned in the last report (an opportunity). Efforts will be made by the site team to assist and accelerate their works with the advanced (and difficult) target of completing this work before the 'embargo' period.

Whilst awaiting the Telstra's program, key questions remain that the Site team have of Telstra and their contractor (Brisbane Directional Boring):

- Sequence of installation of conduits
- Sequence of the installation and jointing of cables
- Work hours and production
- Completion dates for each of the five new 'lines' of Telstra conduits

This information would assist the site team in completing a complete program with all third parties information. Knowing the sequence of cable cut overs could create opportunities in areas where if cables in the pavement box are cut over first, this would allow pavement works to commence, while the cut over of cables below the pavement box is occurring.

Designs were received from APA (Gas) and Optus (Communications) in April and the designs have been considered in the combined services model and some realignments to have been suggested for the gas for instance, to allow further space for the other services in otherwise congested corridors

Allconnex continue to be a source of frustration to the site and design teams through additional scope constantly being identified, further conditions added on the site team above and beyond original agreements, slow response to design resolutions and lack of commitment and compromise (like all the other parties) to allow best for project decisions to be made.

Despite many weeks of preparation of new designs by Aurecon, Allconnex are solely focused on meeting their network standards of which compromises will have to be made to physically fit all the PUP assets into the project alignment. Even though endorsed designs have been issued, these designs on occasions will not meet certain elements of networks standards (such as clearance from other services) and without resolution Allconnex will not commit resources for shutdowns until these items meet their requirements. They have made a commitment to allow certain adjustments to the design at the site level (with SMEC approval), though this has yet to be tested.

Boulderstone have started to plan for future shutdown and coordination with Allconnex is difficult with their additional requirements and notification periods, such as they wouldn't be held responsible for delays if they attended without personnel being inducted (safety) and submission of work method statements prior to booking in shutdowns (new condition which will affect the timely nature of the work).

Commercial and Contractual

Cash Flow

Not Relevant

Released under RTI - DTMR

Variations

Not Relevant

Extensions of Time

Not Relevant

Predicted Final Contract Valuation

Not Relevant

Released under RTI - DTMR

Performance Against KPI's

KRA	Value	Anticipated	Achieved
Program – Overall	100	80 points for achieving PC expected	
Program – Club Surfers Separable Portion	20	20 points achieved for Club Surfers	20
Local Industry Participation Plan	80	75% of 20 points expected for use of local industry based on current percentages	
		0% of 20 points expected for achieving training over and above 10% policy	
		100% of 5 points expected for employing and up-skilling local youth	
		100% of 5 points expected for employing cadet engineers	
		50% of 30 points expected for surveying successful and unsuccessful contractors	
Community	100	75% of the 100 points expected for the management of the community based on current response rates.	
Relationship between the parties	100	75% of 100 points expected based on current reporting and inter relationship between the parties.	
Total	400		

QA (Quality of works completed and documentation)
Document Register

The table below has been updated to show only the drawing register in relation to Aurecon design drawings for the GCRT project. Some drawings are being issued 'for information only' allowing Baulderstone to understand the intent of what the design will be, though given uncertainty and the historically unreliability of unendorsed documents, it is not possible to order material given the likely chance the design will change again.

Revision Status	FC	FI	FT	(blank)	Grand Total
Count of Documents	347	122	198	37	704

Process Control Plans / Inspection and Test plans (PCP/ITP)

The PUP Management Plan (Rev.2) has been re-issued to SMEC addressing comments. Baulderstone are currently reviewing this document for submission as Rev.3 to accommodate all the scope and responsibility changes since Contract award, including:

- Energex standards for installation of conduits and pits
- Allconnex residential connections

- Allconnex cutovers and submission of work method statements
- Other Allconnex network requirements
- Potential treatment of AC water-mains and sewer rising-mains when trenching under such mains.

The Safety Management Plan and Stakeholder and Community Management Plan have all been approved under the respective clauses of the Contract.

ITP's continue to be populated into Civil Pro. Reviews have been performed by both Boulderstone and SMEC. The approval of each ITP is still processed through Project Centre using an electronic signature.

Construction Lot (status table as at date)

The current construction Lot Register can be seen in Appendix C.

No. of Lots Opened in Period	No. of Lots Conformed in Period	No. of Lots Guaranteed in Period	Total Open	Total Conformed	Total Guaranteed	TOTAL
30	18	20	34	244	36	314

Non-Conformance Report (NCR) (status table as at date)

Non-conformance reports have been issued for some lots within the property works adjustments. The NCR's released were of minor cost and as such there has been no requirement to include in Boulderstone's internal Quality Exchange (NCR's over \$5,000.00). The current NCR register can be seen in Appendix D.

Corrective Action Request (Contractor internal CAR)

A Corrective Action Request to date has not been issued under the contract.

Corrective Action Request (Superintendent initiated CAR)

Only 1 CAR to date; none raised in May.

QA activities

The Quality Assurance process is following the requirements of the Quality Assurance Management Plan Rev 6.

Community and Stakeholders

General

The Communications and Stakeholder Engagement (CSE) team continue to meet with residents and property owners regarding active and planned property works, and continue to monitor and respond to any community concerns regarding night works and project activity.

For the month of May activities and resources were concentrated on communications with stakeholders and surrounding properties regarding the demolition works at St Moritz and Anita Apartments, and liaison with the eleven properties and their associated owners, various body corporates and residents along the section of works in the southern zone regarding public utility works required in front of all properties.

Residents and businesses in the area surrounding the Remembrance Drive bus stop were notified of the upcoming temporary bus stop relocation via doorknocking and community notification flyers, and residents in the areas surrounding Monte Carlo Avenue and Genoa Street were also notified of the road re-openings via community notification flyers.

Significant activities were concentrated on communicating Telstra activities (nightworks and upcoming Pit 89 works) and Energex activities in the project site. This work required a high level of consultation and communication with Gold Coast Bridge Club, Club Surfers, and Ipanema Apartments.

General public utility works have also required significant engagement and on site meetings with the following stakeholders:

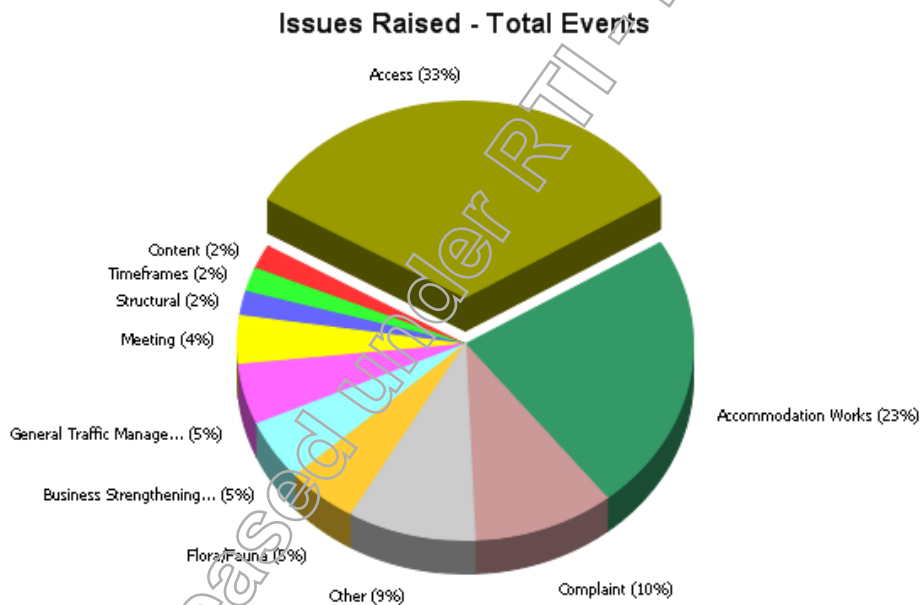
- Gold Coast Bridge Club
- Mantra Wings
- Pink Poodle Restaurant
- Azzura Constructions
- Ipanema Apartments
- Surfers Paradise Fire & Rescue

Communication action plans and notifications have been implemented for:

- CAP #14 Remembrance Drive Bus Stop Temporary relocation
- Genoa Street temporary road re-opening
- Monte Carlo temporary road re-opening

Calls and Complaints

A total of 113 “events” were recorded by the CSE team for the month of May, with 10 Nos (10%) of these events recorded as complaints. Further information is provided in the consultation manager graphs:



Issues	Events
Access	33
Accommodation Works	23
Complaint	10
Business Strengthening Program	5
Flora/Fauna	5
General Traffic Management	5
Meeting	4
Content	2
Structural	2
Timeframes	2
Other	9
[No Issues]	22
Total event search	113

Traffic

Traffic management and planning has been undertaken to a very high standard to date with a close working relationship with SMEC and the traffic stakeholders to ensure that the roles and responsibilities are understood, information is transferred efficiently and decisions made promptly.

The only traffic realignments within May were the reopening on Genoa and Monte Carlo Avenues while the resolution of PUP designs and clash resolutions are achieved. These will be re-closed in the future, when the designs have been provided and works can re-commence.

A proposal to close Monaco St for long weekends was received well, and Boulderstone have submitted plans to allow for this efficient traffic management scenario to allow concurrent PUP crossings. The actual works are on hold until design resolution has been achieved.

The traffic plan for the construction of the new Remembrance Drive bus bay was presented to the TMLG and TGS submitted during May. Works are due to commence in mid-June.

Traffic Management Plan

Works are progressing under Traffic Management Plan (Rev.3) which has received conditional approval.

Traffic Guidance Schemes (TGS)

The following traffic guidance schemes are active or being prepared:

- TGS001 (Rev.5) – Removal of the centre median – Complete
- TGS002 (Rev.2) – Southern stage 1 – Complete
- TGS003 (Rev.1) – Northern stage 1 – In use
- TGS004 – Via Roma U Turn – In use
- TGS005 – Emergency response – Used twice for emergency responses
- TGS006 – Southern Stage 2 – Implemented
- TGS007 – Short term lane closures (slow and fast lanes) – In Use
- TGS008 – North Stage 2 - Under preparation
- TGS009 – Monaco St Closure – Submitted
- TGS010 – Remembrance Dr Bus Bay – Submitted

Traffic Meetings

Meetings were held with GCRT and external parties as part of the TMLG on the 17th May 2011 which approved Rev.3 of the Traffic Management Plan. As part of the meeting the following main topics were discuss:

- Monaco St full closure
- Remembrance Dr bus bay construction and temporary relocation of existing bus bay
- Option for the Surfers Paradise Blvd staged construction

Local Industry Participation

Procurement continues to be in accordance with the Local Industry Participation Plan (LIPP). The following table reflects the letting performance undertaken to date which does not differ from the previous month due to the minimal amount of contract works able to be undertaken during the period:

Total Project Value	\$25m				
	Amount	%		Number	%
Total Value of contracts let to date	\$16.7m (\$14.48m)*		Total number of contracts let	46	
Value of contracts let within GCCC local government area	\$11.1m	69% (76%)*	Number of contracts let within GCCC local government area	30	65%
Value of contracts let outside GCCC local government area but within Queensland	\$ 5.3m*	29%	Number of contracts let outside GCCC local government area but within Queensland	14	31%
Value of contracts let outside Queensland	\$ 0.3m	2%	Number of contracts let outside Queensland	2	4%

*indicates the figures when the exclusions of materials that could not be sourced from GCCC local government area is factored, and includes:

- Precast stormwater drainage components \$1m
- Traffic signal equipment \$0.68
- Water and sewer pipe work \$0.54

At the end of the period, the following snapshot data is provided:

- Turnover to date is approximately \$6.4m
- Local contractor expenditure is approximately \$3.2m
- Number of workers on site is on average 95

For GCRT reporting to the public, the following can be released:

1. Of the \$6.4 million that has been spent to date on the Broadbeach roadworks project approximately \$3.2 million has been spent locally with Gold Coast businesses.
2. Approximately 65% of subcontractors for the Broadbeach roadworks project are Gold Coast based.
3. Most days on average there are up to 95 workers employed on the Broadbeach roadworks.

Team Resources and Cooperation

Staff and Subcontractors

Boulderstone and SMEC staffing of the project increased in May with the inclusion of the second Community and Consultation Officer [Redacted]

The resources that have been mobilised to site to allow the works to be accelerated include the following:

- PUP Project Engineer [Redacted] 4th April 2011
- Surveyor [Redacted] 11th April 2011
- Surveyor [Redacted] 10th May 2011
- Labour Resources (x 3) 3rd May 2011
- Supervisor [Redacted] for a period of 8 weeks, completing on the 13th May 2011
- Planner [Redacted] 23rd May 2011
- Community and Stakeholder Coordinator [Redacted] 30th May 2011
- Safety Coordinator [Redacted] planned for the 6th June 2011
- Traffic Engineer [Redacted] required on an ongoing basis

In June, the Boulderstone team will again increase with a further PUP Engineer to assist the team.

The Boulderstone organisation chart is provided in Appendix B.

The number of subcontractors and supplier organisations engaged to date is 46.

SMEC site based resources increased with the addition of [Redacted] commencing from 10th May 2011 to assist with resolving design issues on the project.

Relationship between Principal / Superintendent / Contractor

The relationship between the Principal/Superintendent/Contractor is proactive and cooperative, though frustration with the lack of progress due to no design resolution. This is starting to impact morale within the greater team. Given the challenges it is important to maintain a team focus and aim to achieve 'best for project' outcomes in all decisions.

Aurecon and Allconnex remain the key source of frustration with the site team. Lack of resources and/or lack of commitment to achieving best for project outcomes is causing delay to the works. The site team is committed to trying to overcome these challenges and is often taking the onus to provide workable solutions and progress these through the approval process.

CAP meetings (held every Monday at 8am) continue to be a success with valuable and accurate information being passed between GCRT, SMEC, GCCC and Boulderstone. All members of this meeting are adding valuable insight and offer realistic outcomes.

Safety

Incidents

There were no LTI's, MTI's or FAI's in the period. The following incidents occurred and were investigated:

1. SWD excavation removed what was believed to be a redundant sewer. Subsequently found to be live.
2. Unknown service hooked onto backhoe during excavation beside retaining wall. No damage.
3. A section of the site had been marked as an exclusion zone with existing services left exposed waiting for surveyors, the bunting was removed to allow movement of adjacent ATF.
4. The shoring box was attached to an excavator via a chain in preparation for dragging the box further along the trench. The worker was in the process of leaving the trench when the Supervisor instructed the worker to remain in the trench and retreat into the stormwater pipe.
5. A watermain ruptured after-hours at Neddy Harper Park in the area where SWD had been constructed underneath in recent days. Allconnex undertook emergency repair.
6. A Van art Refuse Sch.4 Part 4 s swerved into the closed lane deliberately hitting witches hats whilst workers were filling water barriers. The driver only stopped when spotted by a Boulderstone employee.
7. A construction vehicle came into contact with the ATF gate knocking it out of a workers hand whilst vehicle reversing in close proximity to workers.

Safety Statistics and Notices

	Hours Worked			Total
	Staff	Labour	Subcontract	
To End of April	20,495	25,674	23,461	69,630
In Period of May	6,966	7,092	5,243	19,301
Total to Date	27,461	32,766	28,704	88,931

MTI's 0

FAI's 0

Inductions

Total inductions to date: 752

May inductions: 165

Safety Initiatives

Initiatives implemented to date include:

- Trench safety - Access, egress, emergency recovery etc
- Shoring Solutions
- Protection of existing services
- Fall Protection for trenches over 2m
- Protection from undermining adjacent roads and structures

Site Toolbox Talks

Site tool box talks have continued in May (every Tuesday at 6:30am) with compulsory attendance by all staff and workers for Boulderstone.

Site Safety Walk

Weekly site safety walks continued in May. Members included: Superintendent's Representative and Engineer, GCRT Safety Manager, and Boulderstone's Contractor's Representative, Safety Coordinator and Civil Superintendent.

Safety Committee

Site Safety Committee meetings held on site on the last Tuesday of every month. Representatives from Boulderstone, SMEC and sub-contractors are in attendance.

Issues raised in May:

- Illegal movements by supplier delivery vehicles
- Trench covers and fall protections around trenches
- Suitability of PPE used (i.e. could fingerless gloves be used)

Environment

Weekly inspections continue to be undertaken where findings/observations are tabled within a weekly report and at the weekly Boulderstone project meeting. SMEC and Boulderstone attendees are contributing to these joint walks and the following key outcomes from these walks have occurred:

- Ongoing sediment control onsite was noted as a key concern in late May. Boulderstone team placed significant emphasis on addressing these concerns by directing subcontractors and third parties (such as Brisbane Directional Boring) to adjust standards and of which a noticeable improvement occurred at the end of the month
- A review of the DERM and DEEDI permits for clearing and constructing the main stormwater drainage outlet structures was undertaken and a number of concerns have been raised.

Dewatering operations continues in the southern area of the project using spear pumps, allowing for a main stormwater drainage connection to be installed. The water is now pumped from the spears and discharges directly into the stormwater system due to superior quality of the water extracted. Testing of this ground water continues weekly, with the results being returned well within the prescribed limits and meeting both project and internal Boulderstone requirements.

A key environmental incident occurred during May where two AC water mains were exposed in the process of installing services along Gold Coast Highway at Neddy Harper Park burst and spilled significant water across the project compound. The asbestos cement pipes weren't on design drawings and it wasn't known whether they were still in service or not. The asset owner, Allconnex, was contacted and attended the site and whilst the pipes were exposed they were braced to compensate for removal of surrounding material and Allconnex voiced no concerns over the proposed support methods. Sometime during the evening of Monday the 23rd May one of the pipes failed, releasing water through stockpiled material in the Neddy Harper Park site compound. Allconnex were contacted by unknown person during the night and deployed a team to close the nearest shut-off valve. In the process of finding, closing the first valve and repairing the first pipe, the second main failed which then released more water though Neddy Harper Park and towards the Nerang River. It was estimated that approximately 300 tonnes of stockpiled sand was washed towards the Nerang River. Majority of the sand was trapped in the car park of Neddy Harper Park before entering the River.

Upon notification, Boulderstone crews immediately attended to site and assisted in clean-up operations and returned the site back to the pre-existing condition.

Risks to Contract and the Project

Item	Risk	GCRT		Treatment	Action by	Status
		Time	Cost			
1	Interface with PUP agencies and finalisation of design - Currently awaiting "For Construction" documentation and endorsed drawings	Yes	Yes	<p>Regular meetings to be convened with PUP owners to ensure design works are in accordance with the contract program and issues identified early. Coordination of physical works to be managed by BPL with clear timeframes established and communicated. BPL to ensure dedicated resource on site to coordinate activities.</p> <p>January Report Update</p> <p>Critical issue with the relocation of Telstra assets which is having a direct impact on the project and the ability to progress the works. This has flow on implications to the Energex works and the Caltex remediation activities (by others).EOT claim being developed which indicates an impact of over 5 months to the project</p> <p>February Report Update</p> <p>Telstra remains a critical impact on the project. Energex design is also a further issue that is impacting the project. Baulderstone will need to engage additional resources to manage the reviews, design, coordination and construction planning. Accelerated program submitted with a revised date of PC out to the 8th March 2011</p> <p>March Report Update</p> <p>Site team is waiting for the award of the Telstra contract allowing coordination and program to be finalised with successful contractor. Energex still remains a concern to the project with the design yet to be complete, and the unreliability of a single point of contact/decision. Baulderstone is establishing who are the key people within the organisation who make decisions and establishing dialogue</p> <p>April Report Update</p> <p>Telstra have been awarded the contract on the last day of Baulderstone work in April allowing coordination and program to be finalised with successful contractor to commence in May. Coordination with Energex teams for the removal of the pad mount transformer was successful and future planning with this team is ongoing</p> <p>The primary concern which will continue to affect the progress of the works is the consolidation, clash analysis and conflict resolution of combined services 3D model (proposed PUP works and existing services)</p>	BPL / GCRT	Open

Item	Risk	GCRT		Treatment	Action by	Status
				<p>May Report Update</p> <p>Boulderstone have committed additional resources to assist in design resolution and coordination with the PUP authorities. An additional surveyor has been allocated and new PUP Engineer will join the team in late June.</p>		
2	Risk of incidents, eg. safety, traffic incident	No	No	<p>Ensure that each activity is reviewed individually for the risks and hazards. Eliminate where possible, however ensure those that remain are addressed appropriately. Review the activities once underway and look for new hazards and means of improving the safety of the environment.</p> <p>February Report Update</p> <p>Full time resource allocated to the project with assistance in the commercial area also provided to ensure that the procurement activities ensure proper and detailed engagement is undertaken. Additional training required during the course of the projects for local subbies to maintain standards.</p> <p>March Report Update</p> <p>Internal reviews with Boulderstone Safety personnel on the effectiveness of the processes and procedures being employed on the project.</p>	BPL	Ongoing
3	Weather	No	No	<p>The effects to be managed by BPL with the strategy of getting in early where possible to areas. This approach needs to be embraced by GCRT so that the effects are minimised.</p> <p>January Report Update</p> <p>We have experienced impacts on the project as a result of weather outside the project with the Brisbane floods and Cyclone Yasi impacting materials availability and resources (particularly service authorities).</p> <p>February Report Update</p> <p>Minimal loss of time due to inclement weather with the main issue being the hot weather experienced and the risk of dehydration. This is being proactively managed on site.</p> <p>March Update</p> <p>More wet weather in March, with wet weather affecting pavement works. Civil team is managing process by ordering material with suitable material moisture contents. Other teams are working around the 'showers'.</p>	BPL	Ongoing

Item	Risk	GCRT		Treatment	Action by	Status
		Yes	Yes			
4	Caltex Site	Yes	Yes	<p>BPL to assist in providing information as to timelines and impacts. Process is with the GCRT Property Team to manage. Regular meetings to be convened and matter to be an agenda topic for progress meetings so that all parties are fully informed</p> <p>January Report Update</p> <p>Due to Telstra works, this site needs to be remediated to allow Energex to move the padmount transformer to allow Telstra civil works to progress.</p> <p>February Report Update</p> <p>Currently awaiting information as to when the works will be undertaken by third party.</p> <p>March Report Update</p> <p>Contract awarded and interface meeting to be held with McMahon Contractors. OTEK still to provide date when decontamination will occur to confirm when inground services can be constructed through area.</p> <p>April Report Update</p> <p>OTEK contractors have removed all the tanks and infrastructure in April. The ground still to be decontaminated at a date not yet advised.</p> <p>May Report Update</p> <p>OTEK and their contractors completed the remediation works in late May.</p>	GCRT	Closed

Released Under OIA

Item	Risk	GCRT		Treatment	Action by	Status
		Yes	Yes			
5	Design Documentation	Yes	Yes	<p>Design documentation reconciliation to be undertaken.</p> <p>Design status to be provided to assess impacts on the works (including procurement).</p> <p>January Report Update</p> <p>The main problems with the documentation is that there has not been a clash analysis undertaken which is evident by the fact that we have experienced clashes with the stormwater at Australia avenue, Armrick Avenue and Second Avenue (100% clash rate currently) requiring works to be halted whilst the design issues are resolved. The other design issues are associated with the PUP designs with changes to Allconnex drawings, Energex drawings and Telstra still to have their design completed.</p> <p>February Report Update</p> <p>Clash analysis is still the biggest issue with not all of the information included in the model. Boulderstone is working closely with SMEC to try and alleviate the impacts of problems we have experienced in every area we have gone into. A lot of effort is being expended in resolving these issues.</p> <p>Design is a fluid item with the issue of trying to fit everything in an already congested corridor. Parties need to continue to be proactive, but acknowledge additional effort and resources are being expended to overcome the design issues.</p> <p>March Report Update</p> <p>The clash analysis is progressing and is approximately 2 weeks ahead of works, however, more resources required to look further ahead. Boulderstone have allocated the sucker truck at the disposal of the clash analysis crew to allow early conflict identification.</p> <p>Design resolution to areas of design clashes is still a significant concern. Proposal is to have a designer allocated to site to resolve many issues at a site level rather than requiring the exhaustive and slow offsite resolution process (Mostly watermain). This resource or a change to the design approval process is required to prevent the delays that are currently occurring onsite.</p> <p>Boulderstone will be employing another PUP resource allowing one member of the team to concentrate on design resolution and authority coordination.</p>	GCRT	Ongoing

Item	Risk	GCRT	Treatment	Action by	Status
			<p>April Report Update</p> <p>The clash analysis and resolution is now behind the scheduled works and is delaying scheduled works. Boulderstone have allocated the sucker truck at the disposal of the clash analysis crew to allow early conflict identification and have committed two additional full time personnel (dedicated foreman and additional Project Engineer) to assist in PUP relocation works.</p> <p>Consolidation of PUP designs, conflict analysis and resolution is of key concern and is not at a state to allow the project to commence as plan.</p> <p>It is anticipated that unless Aurecon resources committed to the project in April may significant progress in early May, there will be delays to the critical path of the project.</p> <p>There is concern regarding the allocation of Aurecon resources to completing the PUP design consolidation, clash analysis and resolution as these resourced committed full time to the project and based in the site office are only sporadically in the site office and Boulderstone are unaware of what is occurring during these absent periods.</p> <p>May Report Update</p> <p><i>Design resolution has not changed significantly from April. Boulderstone have proposed and allocated resources to manage Aurecon’s design priority and ensure that there is thoroughness in design checks against existing services and that the design is constructible.</i></p> <p><i>During May, other options have been considered ranging from changing the contract to a design and construct type, to implanting a site team member in the Aurecon office to manage their design priorities (as mentioned above).</i></p>		

Item	Risk	GCRT		Treatment	Action by	Status
		No	Yes			
6	Property Owner expectation	No	Yes	<p>BPL to engage a dedicated resource to manage the process and develop communication process that are proactive. Early and continual engagements to ensure owners are fully informed. Provision of Notice to Entry documentation which includes the scope of works to be undertaken is to be provided.</p> <p>January Report Update</p> <p>We have experienced difficulties with gaining access to the Barrack property at New Mexico resulting in additional works as well as likely changes to Darcy Arms property works.</p> <p>May Report Update:</p> <p><i>The site team is meeting all property owners in advance of works and ensuring that scope agreements are recorded and timings are developed to suit both parties before works commence.</i></p>	GCRT / BPL	Ongoing
7	Complaints re noise, interference, etc. – vandals action	Yes	No	<p>BPL to engage a dedicated resource to manage the process and develop communication process that are proactive. Construction activities to be reviewed to assess how impacts can be minimised. Ensure timely closeout of matters raised. GCRT to provide details of high risk stakeholders to ensure they are specifically managed.</p>	BPL	Ongoing
8	Asbestos in buildings	Yes	Yes	<p>Upon gaining access to properties, an inspection to determine the presence of asbestos to be undertaken. BPL to discuss the creation of SWMS's, undertake contingency planning and identify procurement options to ensure that if found, the works can be readily undertaken without delay to the project.</p> <p>January Report Update</p> <p>We have undertaken asbestos investigations on the properties and identified the presence of asbestos. This will require treatment and removal prior to being able to undertake full demolition works.</p>	GCRT	Closed
9	Provision of bus stops along alignment	Yes	Yes	<p>Resolve the matter as to whether bus stops are required or not. Work in a collaborative manner to ensure the number of bus stops is minimised and solution has as little impact as possible on the staging and delivery of the works.</p> <p>January Report Update</p> <p>Matter resolved with the provision of temporary bus stops now required. Works implemented from the 4th January 2011 and requires ongoing assessment, management and maintenance</p>	GCRT / BPL	Closed

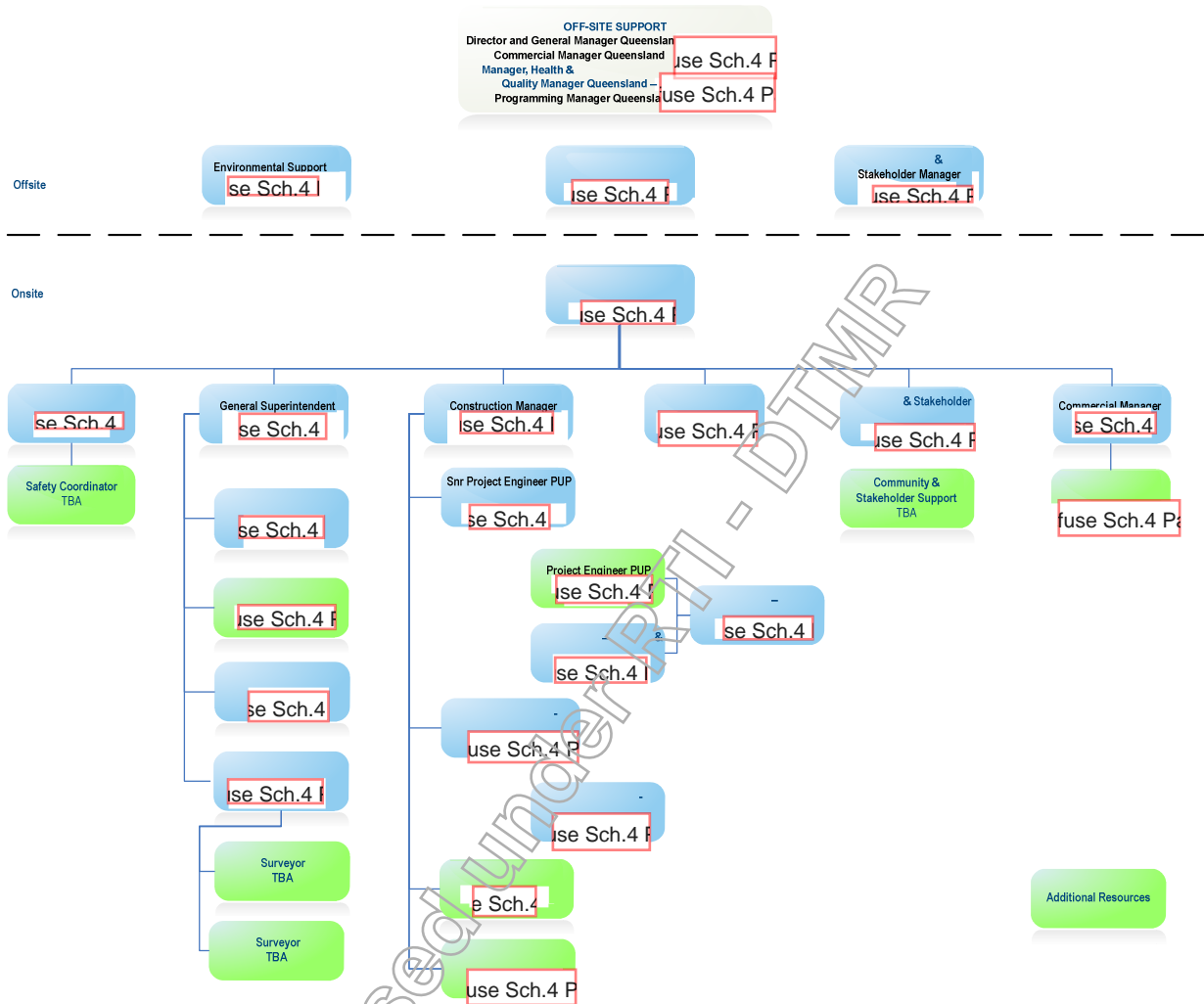
Item	Risk	GCRT		Treatment	Action by	Status
10	Additional scope of works added to project	Yes	Yes	New: The site team have identified significant additional works required on the project which has not been documented in design drawings or in contract scope. These works include more property works, services connections, landscaping works, restrictions of types of works. These new works: <ul style="list-style-type: none"> • Will impact on program • Clash with scheduled work • Require resequencing of the works • Draw Boulderstone/SMEC resources away from scheduled work • Require additional consultation with stakeholders • Further complicate the project <p>May Report Update</p> <p><i>Boulderstone have commitment more resources to manage these additional works, with the property team remaining for a longer duration, a further community officer, an additional safety officer, additional surveyors and new PUP team resources. These additional resources will complement the existing team.</i></p>	GCRT	Open

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Appendix A – Two Month Look Ahead Program (based on Rev.3 Program)

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Appendix B – Contractor’s Organisation Chart



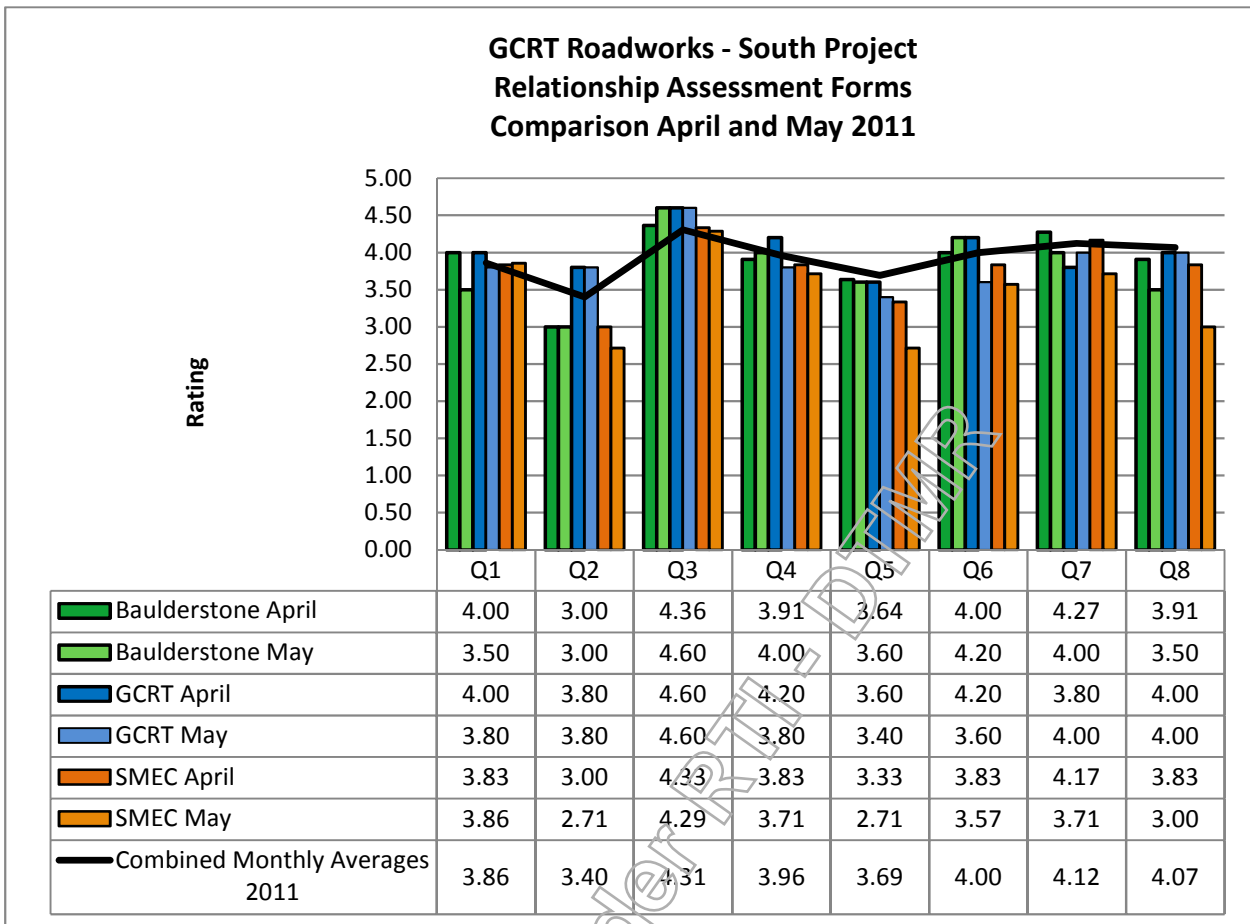
Appendix C – Current Lot Register

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Appendix D – Current NCR register

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Appendix E – Health Survey Results



Questions			
Q1	Communications are appropriate, timely, open and honest	Q5	Decision-making is made on a "best for project" basis
Q2	Issues are resolved in a timely and inclusive manner	Q6	It is a "no blame" culture
Q3	Safety is a priority over production	Q7	We are respectful of each other e.g. We listen, we pick up the phone, we are prepared to be flexible
Q4	We work as a collaborative team to achieve exceptional performance	Q8	I have really enjoyed being part of this project team over the past month

PA	Ongoing (and growing) frustration with the inability of the designer (Aurecon) to complete the necessary clash analysis and design for the PUP works and stormwater drainage works to progress in a productive and efficient manner. E.g: Monaco Street and Fern Street road crossing works having to be deferred due to slow design resolution and/or unworkable designs. The efforts being made by the site team are not being rewarded (lack of real progress on site) and ongoing and growing frustration. Decision making is not always being made on a "best for project" basis, due to poor design causing significant delays on the progress of the works, and now the consequential need to re-open previously closed intersections to keep the public "on -side".
TS	The Comms process is developing well. Project still needs to be aware of impacts on local business and offer ideas on how to assist.
MW	Very disappointed about lack of response from Aurecon and PUP authorities. Also disappointed that in order to get the project moving when we push design solutions, we are being held to account for solutions that aren't realised (even though this is a construct only project)
DA	Decisions are still being driven by stakeholders rather than being best for project. The site team is respectful of each other, we are however increasingly finding that external parties (Aurecon and Allconnex in particular) are being inflexible in regard to the needs of the project and do not listen to the opinions of site staff where constructability is an issue.
MS	Frustrations are beginning to rise with the lack of progress on PUP design and the resultant lack of progress with the works on site.
SC	Issues associated with design still detrimentally impacting progress. Lack of progress is having an impact on moral.

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Contract Administrator's Monthly Report

Gold Coast Rapid Transit

Early Enabling Works

Road Works South

JANUARY, 2011

Project Name:	Gold Coast Rapid Transit - Broadbeach Roadworks
Project Number:	3003565
Report for:	Gold Coast Rapid Transit

PREPARATION, REVIEW AND AUTHORISATION

Revision #	Date	Prepared by	Reviewed/Approved for Issue by
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1. PROGRAM & PROGRESS

The Revision 7 program remains the current program. It includes 232 days extension of time and shows Contract completion dates of 15 March in the South and 13 June 2012 in the North.

However, further delays have occurred to the project since mid-December, when the Rev 7 program was submitted. There were some significant rain events during January and 5.5 days were lost to wet weather. The Australia Day Public Holiday also occurred during the month. Due to delays on site and with the design and ongoing discovery of unknown services, further iterations of the program have been undertaken. Additional detail has been included to provide critical inputs by design and other Authorities. The program has been subsequently refined and updated, and submitted in draft form (Rev 8) at the end of the month. It is showing the following Dates for Practical Completion:

- Southern section (Separable Portion 2) on 13 June
- Northern section (balance of works) 10 September 2012.

A corresponding extension of time claim will need to be submitted by the Contractor. A full copy of the Rev 8 program is shown in the Contractor's monthly report.

Potential risks to the program for the project are ongoing scope increases, especially water and sewer main relocations. For the North, the scope increase includes significant changes to drainage, pavements, street lighting and accommodation works. There is a site-wide concern that possible stakeholder issues may negatively impact progress, particularly in regard to nightworks.

2. FINANCIAL

Not Relevant

Not Relevant

3. CONTRACTOR MANAGEMENT

3.1 Traffic management

Current TMLG approved traffic management plans and traffic guidance schemes are functioning well with few issues raised. Regular audits are completed by the CA team to ensure that compliance with currently approved schemes is being maintained.

3.2 Quality Management

NCR to Date	NCR Last Month	NCR This Month	Monthly Trend	Comments
195	21	53	increase	There has been a significant increase in NCRs this month. The vast majority are minor in nature, relating to minor specified tolerance non-conformances. These require either no rework or minimal rework.

The increase in NCRs during this month is being monitored. Due to the constrained nature of the Works, minor tolerance non-conformances are being accepted in the context of the outcomes required by the specifications.

3.3 Safety Management

The project is currently reporting in excess of 287,000 hours worked without lost time injury, and more significantly considering the type of work being undertaken there have been only 2 medical treatment injuries since award of contract. There were 8 incidents reported for the month, with 2 requiring first aid treatment.

3.4 Environmental management.

There are no issues to report, despite the heavy rain in January. The site environmental controls met expectations during these events.

3.5 Cultural Heritage.

No issues to report.

4. SERVICE RELOCATIONS

Constant and ongoing issues with Allconnex water and sewer works on site are affecting the progress of the project as follows:

1. The scope of relocations is not fully determined.
2. The design of relocations is not complete, though is approaching substantial completion. Weekly meetings with GCRT, Boulderstone, Aurecon and SMEC are continuing to discuss and prioritise the designs required to maintain construction progress.
3. The Allconnex endorsement of design is not complete.
4. The Allconnex interface on site is showing improvements during January. Assistance from the PLG has improved management of Allconnex interface issues. In particular, the input and decisions provided by Refuse Sch.4 P on site is greatly assisting resolving issues at the appropriate level.
5. A weekly Allconnex interface meeting and weekly cut-over meeting is held with attendance from GCRT, Boulderstone, Allconnex and SMEC to discuss and resolve issues and program. It also provides regular communication with Allconnex and assists with building confidence that the project is meeting requirements.
6. Allconnex are requiring detailed Work Method Statements for both general works and cut-overs. The detail required and the level of review is requiring numerous iterations before agreement. Boulderstone have employed a specialist engineer to address this requirement.
7. Allconnex are observing isolated quality concerns and damage to their infrastructure on site resulting in their perception of overall poor quality affecting their network.
8. A recent development, with high potential to delay the project, is the Allconnex requirement to test sections of existing main that will be connected on either side by new sections of new work.

Energex are continuing with hauling cables, cutting over supply and removal of overhead asset in the Northern Zone. This has been delayed due to the wet weather. Energex have requested assistance of Boulderstone resources to complete some of their works, resulting in some delays to programmed (non-critical) activities. There remain three Energex pits to complete. It is expected that these will be complete in February.

Telstra are continuing to work progressively through their cable relocation and jointing works. There remains one Telstra pit to complete.

5. DESIGN ISSUES AND REQUESTS FOR INFORMATION

There have been 54 RFIs submitted by Boulderstone during January, of which 16 are still being addressed. One Design Review Request was raised by SMEC in late January and is still being addressed by the designer. Productive relationships with Aurecon are currently reflected in the quick turn round on Design RFI's and DRR's. This is assisted by the weekly design meeting.

There is still an outstanding requirement for Aurecon to compile all issued drawing/sketches into a final construction issued set of drawings to enable Boulderstone and SMEC to complete the as constructed data for the project.

6. COMMUNITY LIAISON AND COMMUNICATIONS

Complaints Summary

	To Date	Last Month	This Month	Trend	
Stakeholders Complaining	185	33	41	↓	
Conman Issue	DSE to Date	DSE Last Month	DSE This Month	Trend	Comments
Noise	40	8	4	↑	
General Traffic Management	39	8	1	↑	
Night works	24	6	2	↑	
Access	32	3	6	↓	
Bus Stops	22	3		↑	
Outside project scope	3	3		↑	Not relevant to this project
Out of Hours Noise	14			→	
Water	13	1	4	↓	PUP related issue
Parking	19	6	3	↑	Not relevant to the contract
Landscape/Urban Design	14	1	5	↓	
Dust	11			→	
Timeframes	12	1	4	↓	
General Construction Enquiry / update	11		1	↓	
Worker Behaviour	12	3	1	↑	
Property Damage	17	4	7	↓	
Telstra	5			→	PUP related issue
Loss of business / compensation request	6		1	↓	Not relevant to the contract
Energex	7	1		↑	PUP related issue
Vehicle	14		8	↓	
Environment	6			→	
Fencing	5		1	↓	
Vibration	6			→	
Construction	5	3	1	↑	
Road surface quality	12	3	7	↓	
Flora/Fauna	4	2	1	↑	
Signage	3	1	1	→	
Fencing	4	1	1	→	
Pedestrian	4		1	↓	
Content	3			→	Not relevant to this contract
Distribution	5		1	↓	Not relevant to this contract
Safety	4			→	
Design issues	4			→	Not relevant to this contract
Other	2			→	
Signage	2			→	
Footpaths	5	1	3	↓	
Security	2			→	
Waste Management	1			→	
Street lighting	1			→	
Bicycle	1			→	
Road closure				→	
Driveway works/access	1	1		↑	
Thank you/compliment	1			→	Not a complaint issue
Structural	4		3	↓	
Landscaping	3		3	↓	
Sewer	2		1	↓	
Nightworks Update	3		1	↓	Not a complaint issue
Electrical	3		2	↓	
Total Distinct Issues	411	60	74	↓	

DSE - Distinct Stakeholder Events

There was a 20% increase from December (36) to January (33) in stakeholder contacts; with an associated 19% increase in distinct issues raised. Significantly, there was a 50% decrease in the number of noise issues raised and a 67% decrease in the number of issues raised about out of hour's noise/night works. The shutdown period and soft start in January will have affected these results.

Boulderstone are still committed to contacting affected stakeholders both before and after nightworks to discuss impacts. In general, it is considered that Boulderstone is making a very good effort to manage stakeholder interests and concerns.

During the month, SMEC facilitated a joint meeting with Boulderstone and the State to review the Contractor's Communications Plan against the State's Project Scope & Requirements (PSR). It was found that the Contractor was not completing its own assessment of Communications performance against established KPIs, as required by the Contract. The reason for this was that the tools for measuring this performance are not presently available within the State's communications database (ConMan). The State's Place Manager has taken steps to address the issue, which should enable more detailed reporting to be provided next month. It is fairly clear however, that Boulderstone are meeting the contract requirements for provision of notice and responding to complaints.

During January, the State has maintained a part time Place Manager to liaise with Boulderstone's Communications Officer, and a part time Comms specialist to assist with preparation of Comms material. The Contractor is presently looking at mobilising an additional resource, to better manage interaction with property owners for property adjustments.

7. SMEC CONTRACT ADMINISTRATION TEAM

During January significant changes to the SMEC Contract Administration team occurred as follows:

1. Following discussions with GCRT, [Part Refuse Sch.4 Part 4] has replaced [Part Refuse Sch.4 Part 4] as Superintendent's Representative. [Part Refuse Sch.4] has been deployed to the SMEC Gold Coast office to assess the significant number of project variations. He will continue to provide an important contribution to the project and his knowledge of the project history is invaluable.
2. [Part Refuse Sch.4 Part 4] has taken 12 months leave of absence from SMEC to pursue a personal opportunity in the oil and gas industry. [Part Refuse Sch.4 Part 4] will replace [Part Refuse Sch.4 Part 4] commencing on 6 February.
3. With the resumption of night works in February, a night works inspector is required. SMEC's previous night works inspector is no longer available. This position will be fulfilled using existing site staff and another engineer will be deployed for the daytime works. [Part 4 s.6]

As discussed in section 2, SMEC are unable to process the volume of variations submitted in a timely manner. Even with [Part Refuse Sch.4 Part 4] now solely assessing variations, it is forecast that it will take months to process the current backlog. Additional resources will be required to clear this backlog.

8. VALUE-ADDING BY SMEC

This section is included at the request of the Principal, to demonstrate areas where SMEC has 'value-added' for the project last month:

- a. On-going liaison with property owners to agree reinstatement measures prior to the works being carried out. These are interface works which have not been included in the design, but are necessary as a result of PUP relocations and/or changing of ground levels at their property boundary. Aurecon are detailing the design of accommodation works at the larger properties such as Crowne Plaza. For numerous "smaller" properties, these are being dealt with by SMEC/BPL, on a continual basis, example in January include:

- Old Saffron Building – changes to extent of driveways
- Sapporo – footpath and drainage issues

- Changmai Thai –driveway construction issues
- Sch.4 Part 4 s.6 – gateway access issue
- MEC Café – rehabilitation works
- Refuse Sch.4 Part 4 s.6 Personal ir – liaise with Aurecon regarding various design issues

All works are discussed and agreed with property owners on site by Sch.4 Part 4 s.6 Pe (SMEC), Refuse Sch.4 Pa (BPL) & Refuse Sch.4 Pa (BPL), with limited input from GCRT.

The above initiatives have led to numerous time savings from not having to refer the matter to the designers & waiting for responses. In the case of the Old Saffron Building, discussions with the property owner resulted in deleting the water feature, saving at least \$20,000.

b. Community Liaison:

The SMEC site team are aware of the project impacts on the community and act to maintain good relations with the local community. For example, art Refuse Sch.4 Part often has informal discussions with property owners to say “hello” and reassure them that measures affecting their property haven’t been forgotten and discussing how the work is going on / at their property and if there are any issues. This culture reduces issues being reported. It is difficult to measure or fully appreciate the positive impact of this work.

SMEC also facilitated a review of the Contractor’s performance against contract requirements during the month. Refer section 6.

c. Assistance with Contractor quality systems:

On-going auditing of processes on site to ensure compliance with the specifications – e.g. pavement preparation prior to sealing, checking of reinforced concrete prior to pours, requesting testing as per contract requirements. This has meant almost full time surveillance of some critical activities, and certainly far greater level of surveillance than would normally be required. It has been required, at least in part, due to BPL engineers spending a disproportionate amount of time in the office on planning & program, rather than on supervision of works Part Refuse Sch.4 Part 4 s.6 (SMEC) art Refuse Sch.4 Part (GCRT Grad))

d. Monitoring of Program:

- On-going day to day review of works on site to ensure that focus remains on critical path activities (All Contract Administration Team).
- In-depth analysis on Rev 7 program using SMEC Primavera License.
- Numerous opportunities for speeding up the program have been jointly identified in weekly program meetings with Contractor Part Refuse Sch.4 Part 4 s.6 (SMEC)) e.g. lining of sewer undertaken to help offset delays with Allconnex bypass pumping – near Britannia Ave.

e. Resolution of technical issues on site:

- On-going resolution of design issues on site, particularly Allconnex. Refuse Sch.4 (SMEC)
- Wharf Road – pedestrian access art Refuse Sch.4 Par (SMEC)
- Chelsea Avenue intersection – changes to pavement details Part Refuse Sch.4 Part 4 s.6 Refuse Sch.4 (SMEC)

f. Facilitating meetings with other stakeholders - Allconnex:

SMEC is chairing and minuting the weekly meeting with Allconnex, to improve communications between all parties and to assist the resolution of water and sewer issues.

g. Attendance and input at various project meetings

SMEC is attending and providing input into a number of other meetings that are traditionally not part of a RCC contract. These include: design interface meeting, PLG, fortnightly meetings with GCRT, weekly communication meetings, meetings with Golding, traffic coordination meetings, etc.

- h. The State has included a TMR graduate engineer in the contract administration team. Part Refuse Sch.4 Part 4 is provided with support and advice to further his career and has become a valuable member of the team.
- i. To value-add, SMEC provides a graduate engineer in the document controller / administration position on most site projects. This position is invoiced to the project at administration rates. This assists the industry in providing our young designers with construction site exposure and assists the project by having an additional engineer. For this project it has provided the additional benefit of 4 Part 4 s.6 now fully cognisant of the project, able to fulfil night work inspection duties.
- j. SMEC maintain a high level of site surveillance and monitoring of site conditions, particularly as they affect members of the public and stakeholders. Detailed daily surveillance records are maintained, and prompt directions are given to the contractor as required. After the recent heavy rain, and prior to the public holiday, SMEC site staff were very proactive in identifying and making safe footpath potholes, barricading and other safety issues.

Released under RTI - DMR

Pages 11 through 22 redacted for the following reasons:

Not relevant

Released under RTI - DTMR



Contract Administrator's Monthly Report

Gold Coast Rapid Transit

Early Enabling Works

Road Works South

FEBRUARY, 2012

Project Name:	Gold Coast Rapid Transit - Broadbeach Roadworks
Project Number:	3003565
Report for:	Gold Coast Rapid Transit

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SMEC COMPANY DETAILS

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1. PROGRAM & PROGRESS

The Revision 7 program remains the Current Program. It includes 232 days extension of time and shows Practical Completion dates of 15 March in the South and 13 June 2012 in the North.

The Revision 8 program was submitted to the Superintendent on the 1st March 2012. This program is currently being assessed as to its suitability. The submitted Revision 8 program shows the following dates for Practical Completion:

- Southern section (Separable Portion 2) on 23 May (previously reported in draft as 13 June)
- Northern section (balance of works) on 29 August 2012. (previously reported in draft as 10 September)

Delays have occurred to the project since mid-December, when the Rev 7 program was submitted. Due to delays on site, and with the design and ongoing discovery of unknown services, further iterations of the program have been undertaken. This is reflected in the revised program. There were some heavy rain events during February, though less than January. Two work days were lost along with some additional Saturday shifts. Other shifts were impacted by rain showers. This has been allowed for in the program. Additional detail has been included in the Revision 8 program to provide critical inputs by design and other Authorities.

Along with this program, a corresponding Extension of Time (EoT 4) was submitted by the Contractor under GCC Cl 35.5. This Claim is currently being assessed.

A full copy of the Rev 8 program is shown in the Contractor's monthly report.

Twenty nine (29) Notices of Potential Delay Under Clause 35.5 were received during February. These notices predominately relate to work being affected by design conflicts in the field. They do not all necessarily evolve into Extension of Time claims.

Potential risks to the program are ongoing scope increases, especially water and sewer main relocations. For the North, the scope increase includes significant changes to drainage, pavements, street lighting and accommodation works. There is a site-wide concern that possible stakeholder issues may negatively impact progress, particularly in regard to night works. Any additional damage to Telstra infrastructure has the potential to impact the program significantly. Refer to Section 4 Service Relocations.

Traffic Management opportunities have been realised to relax the Gold Coast Highway lane closure restrictions and side street access. art Refuse Sch.4 Part has been instrumental in gaining approval for these relaxations, which result in being able to conduct more works during day shift. This should in turn realise benefits to the local community with less night time noise, with better productivity and quality.

2. FINANCIAL

Not Relevant

Not Relevant

3. CONTRACTOR MANAGEMENT

3.1 Traffic management

Current TMLG approved traffic management plans and traffic guidance schemes are generally functioning well. Regular audits and surveillance are conducted by the CA team to ensure that compliance with currently approved schemes is being maintained. Some safety-related issues arose during the month, as described below.

3.2 Quality Management

NCRs to Date	NCRs Previous Month	NCRs This Month	Monthly Trend	Comments
222	53	22	Decrease	There has been a significant decrease in NCRs this month, following a spike last month. The vast majority are minor in nature, relating to minor specified tolerance non-conformances. These require either no rework or minimal rework.

NCRs continue to be monitored both through surveillance in the field and the auditing of Lot conformance quality assurance documents.

3.3 Safety Management

The project is currently reporting in excess of 325,121 hours worked without lost time injury, and more significantly considering the type of work being undertaken there have been only 2 medical treatment injuries since award of contract. There were 11 incidents reported for the month, with 2 requiring first aid treatment.

On the 28 February, Workplace Health and Safety Qld (WHSQ) issued an Improvement Notice for confined space entry procedures for a stormwater work area after inspecting the site. Boulderstone investigated the event and implemented corrective actions and preventative controls. WHSQ closed out the notice on 5 March 2012.

As a result of the number of traffic incidents and the CARs raised, Boulderstone have conducted additional training in Traffic Management Awareness and Level 2 Traffic Control.

3.4 Corrective Action Requests

SMEC raised Three Corrective Action Requests during February. These are raised as a result of a re-occurrence of events, or where similar incidents were raised in the Contractor's system.

CAR 005 was raised for two instances where concrete trucks were affecting traffic without the appropriate traffic control implementation. Similar incidents had been reported in the prior weeks. As a result of this safety and traffic concern, improvement of the management of truck access to compounds and delivery trucks, especially concrete trucks was addressed.

CAR 006 was raised for a full lane closure at Australia Avenue/GC highway intersection being implemented which was not in accordance with the Traffic Management Plan. This is occurred despite recommendations from the Contract administrator. Earlier planning could have avoided this situation.

CAR 007 was raised for a safety related traffic control incident, where traffic was positioned adjacent to a break in the barrier. This was despite a relaxation provided by the Contract Administrator to extend the lane closure period. This is a similar incident to CAR 005, and the effectiveness of the previous corrective action requires addressing.

3.5 Environmental management.

There was an incident during late February where the damage to a sewer manhole resulted in the blockage of the sewer pipe and subsequent sewerage spill. This incident was reported to DERM and the incident report is being prepared. There were no other issues to report, despite the heavy rain in February. The site environmental controls met expectations during these events.

3.6 Cultural Heritage.

No issues to report.

4. SERVICE RELOCATIONS

Constant and ongoing issues with Allconnex water and sewer works on site are affecting the progress of the project as follows:

1. The scope of relocations is still not fully determined.
2. The design of relocations is not complete, though is approaching substantial completion. Weekly meetings with GCRT, Baulderstone, Aurecon and SMEC are continuing to discuss and prioritise the designs required to maintain construction progress.
3. The Allconnex endorsement of design is not complete.
4. The Allconnex interface on site is showing improvements during February. Assistance from the PMG has helped resolved some issues with the potential delay to the program. In particular, the input and decisions provided by t Refuse Sch.4 Pa on site is greatly assisting resolving issues at the appropriate level.
5. A weekly Allconnex interface meeting chaired by SMEC and weekly cut-over meeting is held with attendance from GCRT, Baulderstone, Allconnex and SMEC to discuss and resolve issues and program. It also provides regular communication with Allconnex and assists with building confidence that the project is meeting requirements.
6. Allconnex are requiring detailed Work Method Statements for both general works and cut-overs. The detail required and the level of review is requiring numerous iterations before agreement. Baulderstone have employed a specialist engineer to address this requirement.
7. Allconnex are observing isolated quality concerns and damage to their infrastructure on site resulting in their perception of overall poor quality affecting their network.
8. It was reported last month that the Allconnex requirement to test sections of existing main that will be connected on either side by new sections of work had a high potential to delay the project. The PMG resolved the methodology and acceptance criteria for this testing. To date, the CCTV camera investigations are complete. Damage to one pipe and one collar has been discovered. This is being repaired. Investigations are continuing to determine if the damage is attributable to the project.

Energex are continuing with removal of overhead assets in the Northern Zone. Energex have requested assistance of Baulderstone resources to complete some of their works, resulting in some delays to programmed (non-critical) activities. There remain three Energex pits to complete. It is expected that these will be complete in March.

Telstra are continuing to work progressively through their cable relocation and jointing works. There remains one Telstra pit to complete. During February, damage to Telstra infrastructure occurred. This was avoidable and occurred due to not following the "dig permit" site processes. The damage has been repaired, but it was noted by the Telstra representative that there have been a number of instances of damage to Telstra infrastructure on the project and that further damage is most likely to result in Telstra's national office being involved. Once this occurs it may result in detailed investigations and significant delays.

5. DESIGN ISSUES AND REQUESTS FOR INFORMATION

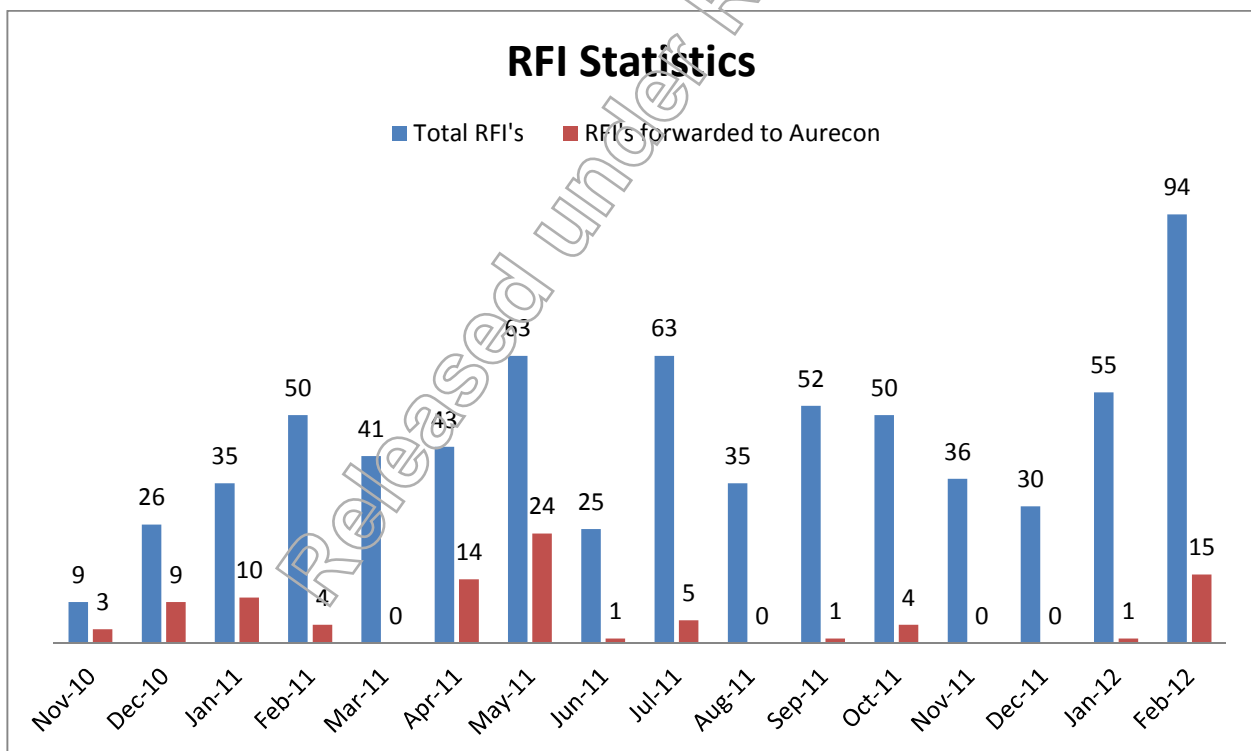
During February thirty eight (38) IFC drawings / Sketches and eight (8) 12-D Models were received and issued to the Contractor. At the end of February there remain two (2) incomplete water main design packages (W2 and W3).

There have been 94 RFIs submitted by Baulderstone during February, being an increase from 55 in January and 30 in December. Of the 94 RFIs submitted for the month, SMEC resolved the majority on site, with 15 forwarded to Aurecon for design input. 25 remain outstanding. Refer to graph below.

Considerable time is involved in investigating, corresponding and resolving these RFIs. They are resolved based on the Contractor's priorities and complexity.

Productive relationships with Aurecon are currently reflected in the quick turn round on Design RFI's and DRR's. This is assisted by the weekly design meeting. sh.4 Part 4 s.6 F maintains the RFI register and provides it to Baulderstone for prioritisation with the program. This allows for discussion in the design meeting and allows Aurecon's efforts to be focused on the critical activities.

There is still an outstanding requirement for Aurecon to compile all issued drawing/sketches into a final construction issued set of drawings to enable Baulderstone and SMEC to complete the as constructed data for the project.



6. COMMUNITY LIAISON AND COMMUNICATIONS

Complaints Summary

	To Date	Last Month	This Month	Trend	
Stakeholders Complaining	204	41	45	↓	
Conman Issue	DSE to Date	DSE Last Month	DSE This Month	Trend	Comments
Noise	47	4	10	↓	
General Traffic Management	41	1	3	↓	
Night works	25	2	6	↓	
Access	36	6	4	↑	
Bus Stops	25		4	↓	
Outside project scope	3			→	Not relevant to this project
Out of Hours Noise	14			→	
Water	14	4	2	↑	PUP related issue
Parking	18	3		↑	Not relevant to the contract
Landscape/Urban Design	15	5	2	↑	
Dust	15		4	↓	
Timeframes	13	4	2	↑	
General Construction Enquiry / update	12	1	1	→	
Worker Behaviour	14	1	2	↓	
Property Damage	18	7	2	↑	
Telstra	5			→	PUP related issue
Loss of business / compensation request	7	1	1	→	Not relevant to the contract
Energex	7			→	PUP related issue
Vehicle	19	8	6	↑	
Environment	6			→	
Fencing	5	1		↑	
Vibration	8		3	↓	
Construction	8	1	3	↓	
Road surface quality	19	7	7	→	
Flora/Fauna	4	1		↑	
Signage	3	1	3	↓	
Fencing	5	1	1	→	
Pedestrian	4	1		↑	
Content	3			→	Not relevant to this contract
Distribution	5	1		↑	Not relevant to this contract
Safety	4			→	
Design issues	4			→	Not relevant to this contract
Other	4		2	↓	
Signage	4			→	
Footpaths	8	3	3	→	
Security	2			→	
Waste Management	1			→	
Street lighting	1			→	
Bicycle	1			→	
Road closure				→	
Driveway works/access	5		4	↓	
Thank you/compliment	1			→	Not a complaint issue
Structural	8	3	5	↓	
Landscaping	3	3		↑	
Sewer	2	1		↑	
Nightworks Update	3	1	1	→	Not a complaint issue
Electrical	3	2	1	↑	
Total Distinct Issues	472	74	82	↓	

DSE - Distinct Stakeholder Events

The Contractor's good performance in the Communication area continued during February. Details of trends and complaints are contained in the Contractor's monthly report and are not repeated here. Boulderstone are still committed to contacting affected stakeholders both before and after nightworks to discuss impacts. In general, it is considered that Boulderstone is making a very good effort to manage stakeholder interests and concerns.

A follow up meeting was held between SMEC, Boulderstone and the State, during February to confirm methods for assessment and reporting of comms performance. This resulted in amendments being made to ConMan by the State, to facilitate reporting against some KPIs. It is pleasing to see that this month's report by Boulderstone reflects the revised assessment and reporting measures. It remains for this assessment to be applied retrospectively to prior months. The cooperation of all parties in working through these issues is acknowledged.

During February, the State has maintained a part time Place Manager to liaise with Boulderstone's Communications Officer, and a part time Comms specialist to assist with preparation of Comms material. Boulderstone has now mobilised an additional resource, to better manage interaction with property owners for property adjustments.

7. SMEC CONTRACT ADMINISTRATION TEAM

It was reported in January that significant changes to the SMEC Contract Administration team had occurred. The new team members are becoming familiar with the project and are already making an important contribution.

Sch.4 Part 4 s.6 Per has submitted his resignation to SMEC and will be leaving the project. He will be joining Aurecon on another project and is expected to leave in approximately six weeks. SMEC are very disappointed to lose such an experienced and valuable person. His leaving will be a huge loss to the project, with Refuse Sch.4 knowledge of the project and rapport with the community. SMEC are actively looking to find a suitable replacement for Refuse Sch.4

As discussed in section 2, SMEC are unable to process the volume of variations submitted in a timely manner. Even with Part Refuse Sch.4 Part 4 now solely assessing variations, it is forecast that it will take months to process the current backlog. Additional resources will be required to clear this backlog.

The SMEC team has generally maintained very good relations with contractor, despite the issues requiring CARs to be raised. The Boulderstone culture of open communication and the colocation of teams in the same office space helps to maintain good relationships in an often strained construction environment. When issues, or potential issues, are raised by SMEC they are taken seriously and generally acted upon. The SMEC relationship with GCRT could be improved. Receiving letters questioning our competency, with no prior discussion is not conducive to building good relationships. A relationship contracting approach of talking before writing would assist.

8. VALUE-ADDING BY SMEC AND KPI

GCRT have adopted a Good to Great Performance Management Framework. Whilst not part of the initial brief, SMEC has agreed with GCRT to actively work within this framework to achieve the Key Result Areas (KRAs) identified. The three KRAs are:

- A. Develop and maintain positive relations, in collaboration with the main contractor, with property owners adjacent to the works
- B. Technical Issues Management (time related)
- C. Maintain the commercial integrity of both the CA's contract with the State, but also the Contractors Agreement with the State.

A series of Key Performance Indicators (KPIs) have been adopted to measure performance against the KRAs. SMEC are then subjectively measured against these KPIs by a survey of selected GCRT staff, which is in turn subjectively summarised. SMEC will use the comments received from the survey to improve performance. A further action plan was developed in February to improve the scored performance. A presentation and workshop is due in March

The KPIs and actions to achieve performance are summarised below. Many of the activities listed are "Value-add" activities and were not envisaged by the project at commencement.

A1 Active participation and liaison with GCRT and BPL communications teams.

- SMEC continue to actively attend the weekly Communications Meeting, providing input.
- SMEC continue to chair and minute the weekly Allconnex Meetings to assist in the timely resolution of Allconnex issues and to improve communication between all parties. In addition, we are having regular discussions with Anthony Steinfort to reassure Allconnex that their assets are being protected.
- In addition, SMEC has also facilitated a review of the Contractor's performance against contract requirements during the month. Refer section 6.

A2 Assist with the timely identification of impacts and communication strategies.

- SMEC continue to contribute to the upcoming work community impacts in the weekly Communications Meeting and conversely convey community impacts in weekly Design, Allconnex, Progress and Program, PMG and Toolbox meetings.
- SMEC is attending and providing input into a number of other meetings that are traditionally not part of a RCC contract. These include: design interface meeting, PLG, fortnightly meetings with GCRT, weekly communication meetings, meetings with Goldinq, traffic coordination meetings, etc.
- SMEC actively attends the weekly Progress and Program meetings and the Program Risk meetings to review the program. We also attend the Contractor's program update meetings.

A3 Monitoring of Works and site conditions to minimise adverse impacts.

- SMEC has on-going liaison with property owners to agree reinstatement measures prior to the works being carried out. Surveillance activities of property works is recorded in our

Daily Diaries. Much of the property interface works have not been included in the design, but are necessary as a result of PUP relocations and/or changing of ground levels at the property boundary. Aurecon are detailing the design of accommodation works at the larger properties such as Crowne Plaza. For numerous “smaller” properties, these are being dealt with by SMEC/BPL, on a continual basis, examples in February include:

- Old Saffron and Oriental gardens Buildings– additional landscaping not shown on the design drawings.
- Sapporo – Property drainage issues resulted due to increased design levels. SMEC proposed a design solution that met the property owners desire not to have pits in their property and GCCC didn't want it in the road reserve. The solution provided an optimal outcome for both parties, resulting in less maintenance. SMEC met with the relevant parties on site to explain the solution.
- Changmai Thai –driveway and general construction issues
- No 2932 – obtained final sign-off from the owner on gateway access issue
- Footpaths and pram ramps – workable solutions and liaise with GCCC

All works are discussed and agreed with property owners on site by [Part Refuse Sch.4 Part 4] and [Part Refuse Sch.4 Part 4] (SMEC), [Part Refuse Sch.4 Part 4 s.6 Personal informati] with additional input from [Part Refuse Sch.4 Part 4] (GCRT) as required.

The above initiatives have led to numerous time savings from not having to refer the matter to the designers & waiting for responses.

The SMEC site team are aware of the project impacts on the community and act to maintain good relations with the local community. For example, [Part Refuse Sch.4 Part 4] often has informal discussions with property owners to say “hello” and reassure them that measures affecting their property haven't been forgotten and discussing how the work is going on / at their property and if there are any issues. This culture reduces issues being reported. It is difficult to measure or fully appreciate the positive impact of this work.

A4 Prompt advice to GCRT for matters of concern.

- SMEC advises GCRT when matters become evident on site. The parameters of who is being advised of which issues is being advised. Traffic, safety, quality, program (Potential Notices of Delay) and communication issues have all been advised during the month.

B5 Assist with resolving technical issues.

- SMEC always value add when referring RFIs to Aurecon and does not act as a “post box”. This is done by reviewing the RFI and after determining that it can't be resolved on site, ensuring that the RFI is clear, concise and contains the information that the designer will require. We also include suggested design solutions where possible. (refer to Section 5)
- On-going resolution of design issues on site, particularly Allconnex. Referring to the design section of this report, many of the RFIs resulting from design clashes are resolved on site.
- [Part Refuse Sch.4 Part 4] (SMEC) continues to chair the weekly Design meeting and provide the current RFI spread sheet to allow the prioritisation of design tasks.
- Refer to item A3 for other examples.

B6 Assist in resolving programming and interface issues.

- When an updated program revision is submitted to be adopted as the Current Program, SMEC conducts a systematic review of this program including logic links, the critical path, milestone dates and a reality check on productivity. The Revision 8 program is currently

undergoing this review. SMEC has offered to provide an addition program specialist. To date, GCRT has indicated that this resource is not required.

- SMEC attends the weekly Contractor program meetings.
- SMEC attends and actively contributes to the weekly Program and Progress Meetings to review the program and ways to improve it.
- SMEC is a member of the newly formed PMG. This group reviews “speed bumps” to the program and acts to remove them.

B7 Assist in timely PUP management, especially design certification.

- SMEC continues to chair and minute the weekly Allconnex meeting and to attend the weekly Allconnex Shut-down and Cut-over meeting. These meetings aim to assist in the timely resolution of Allconnex issues and to improve communication between all parties. In addition, we are having regular discussions with Part Refuse Sch.4 Part 4 to reassure Allconnex that their assets are being protected. We are actively working to build good relationships with Allconnex staff to assist in achieving good results for Allconnex and the project.
- All new IFC drawings, models and RFI responses are promptly issued to the Contractor. In addition, and “heads-up” advise is provided to the Contractor as a result of conversations.

C8 Quality and deployment of demobilisation Plan.

- The deployment of the demobilisation plan will be reported as required. At this stage, acceleration is required to meet the GCRT required program dates.
- SMEC has continued on-going auditing of processes on site to ensure compliance with the specifications – e.g. pavement preparation prior to sealing, checking of reinforced concrete prior to pours, requesting testing as per contract requirements. This has meant almost full time surveillance of some critical activities, and certainly far greater level of surveillance than would normally be required. It has been required, at least in part, due to BPL engineers spending a disproportionate amount of time in the office on planning & program, rather than on supervision of works.

C9 Monthly Review and forecasting of SMEC resources.

- SMEC has provided a forecast to complete resource requirements for the project to GCRT during February.

C10 Monthly estimates of final costs including variations and schedule over / under-runs.

- There is an unusually high number of variations submitted for the project. These are currently being assessed. Part Refuse Sch.4 Part 4 s is assessing the variations. Refuse Sch.4 P experience on the project is invaluable in undertaking this assessment.
- SMEC has been instrumental in facilitating and alternative valuation process for the contract to reduce the time and expense associated with the current schedule of rates contract and the resulting variation claims. After a submission was made by the Contractor to move to a cost-plus arrangement for some of the Contract Schedules, SMEC convened a meeting to further discuss and develop practical recommendations for the implementation of the Cost Plus model. A summary of issues and recommendations has been provided to GCRT. This is outside the scope of our Consultancy and a significant “value-add” to the project.

C11 Quality of Monthly Report

- The monthly report has been re-formatted as a result of discussions with GCRT. We await further feedback.

Other areas where SMEC has 'value-added' for the project last month:

- a. The State has included a TMR graduate engineer in the contract administration team. [Part Refuse Sch.4 Part 4 s.6] is provided with support and advice to further his career and has become a valuable member of the team.
- b. [Part Refuse Sch.4 Part 4 s.6] are actively assisting [Part Refuse Sch.4 Part 4 s.6] to write their "career episodes" required their application for RPEQ and CPEng professional status.
- c. To value-add, SMEC provides a graduate engineer in the document controller / administration position on most site projects. This position is invoiced to the project at administration rates. This assists the industry in providing our young designers with construction site exposure and assists the project by having an additional engineer. For this project it has provided the additional benefit of [4 Part 4 s.6] now fully cognisant of the project, able to fulfil night work inspection duties.
- d. SMEC maintain a high level of site surveillance and monitoring of site conditions, particularly as they affect members of the public and stakeholders. Detailed daily surveillance records are maintained, and prompt directions are given to the contractor as required. SMEC site staff has been very proactive in identifying and making safe traffic, barricading and other safety issues.

Released under Part 4 s.6

Pages 37 through 49 redacted for the following reasons:

Not relevant

Released under RTI - DTMR



Contract Administrator's Monthly Report

Gold Coast Rapid Transit

Early Enabling Works

Road Works South

MARCH, 2012

Project Name:	Gold Coast Rapid Transit - Broadbeach Roadwork's
Project Number:	3003565
Report for:	Gold Coast Rapid Transit

PREPARATION, REVIEW AND AUTHORISATION

Revision #	Date	Prepared by	Reviewed/Approved for Issue by
0	13/4/12	Part Refuse Sch.4 Part	Part Refuse Sch.4 Part 4

ISSUE REGISTER

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1. PROGRAM & PROGRESS

The Revision 8 program was submitted to the Superintendent on the 1st March 2012. This program is currently the best program to assess the progress of the project, but it has not been deemed suitable under the contract as it reflects the full Extension of Time (EoT) claimed by the Contractor, not the EoT granted. The submitted Revision 8 program (status 1 April 2012) shows the following dates for Practical Completion:

- Southern section (Separable Portion 2) on 29 May (previously reported as 23 May)
- Northern section (balance of works) on 12 September (previously reported as 29 August)

The Revision 8 program is generally tracking well. Delays on site due to the design and ongoing discovery of services is still occurring, but is being mitigated by the intense efforts of all parties to keep the project on target. This is taking considerable effort and should not be underestimated. There has been minimal time lost due to wet weather in March. This has been allowed for in the program. Additional detail has been included in the Revision 8 program to provide critical inputs by design and other Authorities.

Along with this program, a corresponding Extension of Time (EoT 4) was submitted by the Contractor under GCC Cl 35.5. This Claim is has been assessed as follows:

	Separable Portion 2 (South)	Balance of Works (North)
Original Date for PC	25 October 2011	25 October 2011
Previously approved EOT	142 calendar days	232 calendar days
Previously approved Date for PC	15 March 2012	13 June 2012
EOT requested by BPL (EOT4)- calendar days	69	77
EOT recommended by Principal (working days)	0	12
EOT approved (EOT4) – calendar days	39	43*
Revised Date for PC	23 April 2012	26 July 2012*

*Based on forecast start date of 13 April for Watermain W3.

A full copy of the Rev 8 program is shown in the Contractor’s monthly report.

Twenty three (23) Notices of Potential Delay Under Clause 35.5 were received during March. These notices predominately relate to work being affected by design conflicts in the field. They do not all necessarily evolve into Extension of Time claims.

Potential risks to the program are ongoing scope increases, especially water and sewer main relocations. Apart from the volume of changes, the process time in having redesign approved and work method statements produced and approved is significant. There is a site-wide concern that possible stakeholder issues may negatively impact progress, particularly in regard to night works. Any additional damage to Telstra infrastructure has the potential to impact the program significantly. Refer to Section 4 Service Relocations.

Traffic Management opportunities have been realised to relax the Gold Coast Highway lane closure restrictions and side street access. Part Refuse Sch.4 Part 1 has been instrumental in gaining approval for these relaxations, which result in being able to conduct more works during day shift. It

has also resulted in a major traffic switch occurring prior to Easter when it was originally programmed to occur later. These measures are resulting in work occurring earlier, taking pressure off the program. They should also realise benefits to the local community with less night time noise, with better productivity and quality.

2. FINANCIAL

Released under RTI - DTMR

Not Relevant

Not Relevant

3. CONTRACTOR MANAGEMENT

3.1 Traffic management

Current TMLG approved traffic management plans and traffic guidance schemes are generally functioning well. Regular audits and surveillance are conducted by the CA team to ensure that compliance with currently approved schemes is being maintained. Some safety-related issues arose during the month and these were addressed. A major traffic switch expected prior to Easter to allow additional work zones on the eastern side of the project between Wharf Rd and Surfers Paradise Blvd.

3.2 Quality Management

NCRs to Date	NCRs Previous Month	NCRs This Month	Monthly Trend	Comments
243	22	22	Steady	After a spike in January, the NCRs raised have stabilised. The vast majority are minor in nature, relating to minor specified tolerance non-conformances. These require either no rework or minimal rework.

NCRs continue to be monitored both through surveillance in the field and the auditing of Lot conformance quality assurance documents.

3.3 Safety Management

The project is currently reporting in excess of 363,169 hours worked without lost time injury, and more significantly considering the type of work being undertaken there have been few medical treatment injuries since award of contract. There were 6 incidents reported for the month, with 1 requiring first aid treatment and 1 requiring medical treatment.

On the 28 February, Workplace Health and Safety Qld (WHSQ) issued an Improvement Notice for confined space entry procedures for a stormwater work area after inspecting the site. Boulderstone investigated the event and implemented corrective actions and preventative controls. WHSQ closed out the notice on 5 March 2012.

Boulderstone have engaged additional subcontractor crews to commence in late March / early April. With an increased number of people on site, most being new to the project, SMEC suggested that Boulderstone review their safety resources and consider an additional resource. As a result, and additional safety resource has been employed.

3.4 Corrective Action Requests

SMEC raised zero Corrective Action Requests (CAR) during March. All issues were resolved without the need raise a CAR.

3.5 Environmental management.

There were no reportable environmental breaches to report in March. During the month the permit for the cofferdam associated with the stormwater works was extended from a 180 day period to 210 day period due to construction delays.

At the end of March it has been raised that the Contractor is required to undertake better measures to protect the trees in Neddy Harper Park. These trees have been incorporated into the Contractor's compound. At the end of the month this issue was ongoing.

Also at the end of March, the Contractor has been requested to provide evidence as to compliance in meeting the monitoring of Flying Foxes in Cascade Gardens. We are awaiting a response.

The Contract Administrator is organising an environmental audit of the Contractor's compliance to the CEMP and conditions of permits and licences. It is expected that this will be undertaken in late April.

3.6 Cultural Heritage.

No issues to report.

4. SERVICE RELOCATIONS

Constant issues with Allconnex water and sewer works on site are ongoing affecting the progress of the project as follows:

1. The scope of relocations is still not fully determined. Substantial potholing is occurring to confirm the design and for redesign where required. The aim being to reduce the impact on the construction program. Despite this, clashes are regularly occurring. This is still generating significant redesign.
2. The design of relocations is not complete. At the end of the month one design package remained outstanding. Weekly meetings with GCRT, Boulderstone, Aurecon and SMEC are continuing to discuss and prioritise the designs required to maintain construction progress.
3. The Allconnex endorsement of design is not complete. The Allconnex interface on site is difficult and time consuming. t Refuse Sch.4 Pa effort in managing approvals and to facilitate agreement with Alconnex is considerable. Assistance from the PMG has helped resolved some issues with the potential delay to the program.

4. A weekly Allconnex interface meeting chaired by SMEC and weekly cut-over meeting is held with attendance from GCRT, Boulderstone, Allconnex and SMEC to discuss and resolve issues and program. It also provides regular communication with Allconnex and assists with building confidence that the project is meeting requirements.
5. Allconnex are requiring detailed Work Method Statements for both general works and cut-overs. The detail required and the level of review is requiring numerous iterations before agreement. Boulderstone have employed a specialist engineer to address this requirement. The effort in obtaining Allconnex approval of the Work Method Statements is considerable.
6. Allconnex are observing isolated quality concerns and damage to their infrastructure resulting in their perception of overall poor quality affecting their network. Additional CCTV of gravity sewer lines was undertaken by Allconnex as a result of reported damage to sewer pits, the sewer blockage reported in February and Allconnex observations on protection of manholes against the ingress of material. Potential blockages were identified and jet-cleaning of the live sewer mains was undertaken. This work was observed by both SMEC and Allconnex. The results show that many of the lines were clear (Australia Ave to Chelsea Ave), but that there was significant debris in the Rosewood Ave to St Kilda Ave. Due to the nature of this debris, it was determined that it was as a result of the Contractor's work. The costs associated with cleaning the sewer lines where debris was found will be charged to the Contractor. The Contractor has been instructed the CCTV other lines to confirm that they are clear.

Energex have completed the removal of overhead assets. Energex have requested assistance of Boulderstone resources to complete some of their works. There remains some minor tidy-up work to complete the Energex works.

Telstra are continuing to work progressively through their cable relocation and jointing works. There remains one Telstra pit to complete. The remaining work to "Pit 89" will be undertaken by Telstra, this being removed from the contract works. During March, no damage to Telstra infrastructure occurred. As reported last month, Telstra have advised that further damage to their infrastructure on the project is most likely to result in Telstra's national office being involved. Once this occurs it may result in detailed investigations and significant delays. This remains a real risk.

Optus and AAPT network cut-over work remains outstanding. These organisations have been contacted, but this work does not affect the critical path at this stage.

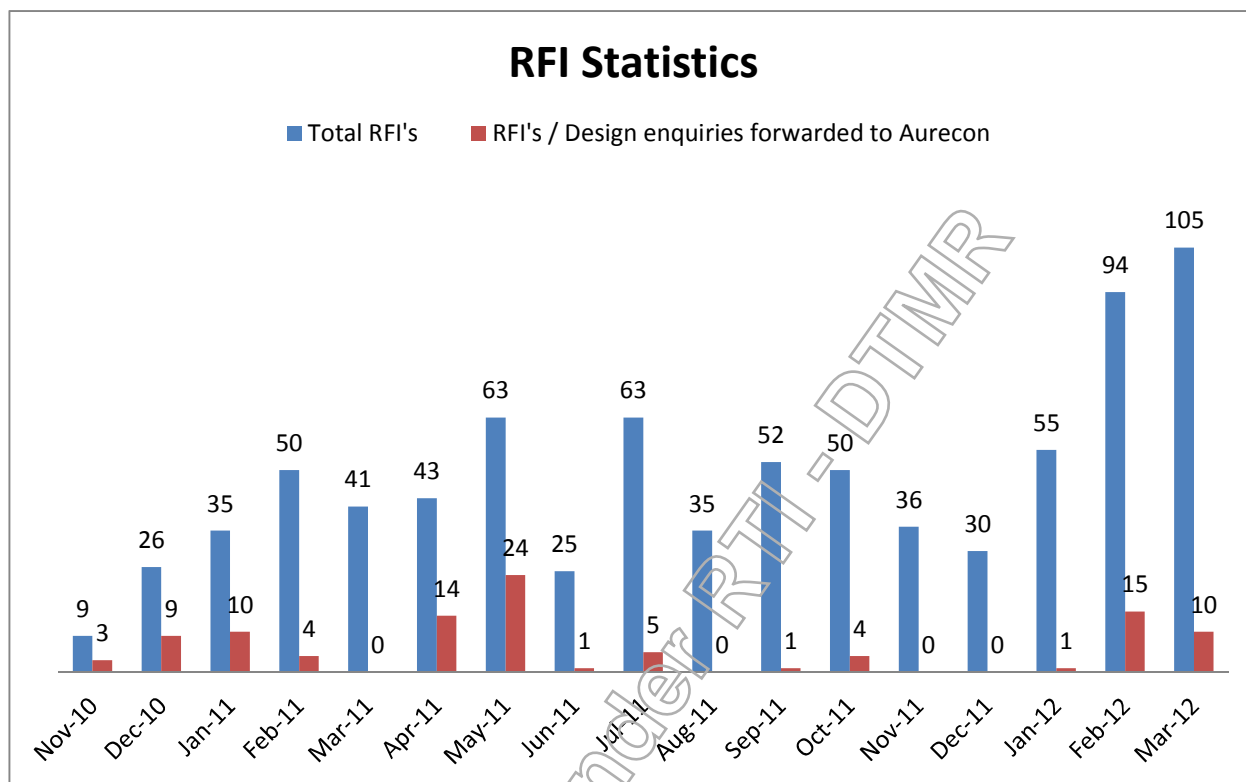
Some minor works on the gas infrastructure occurred during the month, with minor tidy-up works remaining.

5. DESIGN ISSUES AND REQUESTS FOR INFORMATION

During March thirty seven (37) IFC drawings / Sketches and eight (8) 12-D Models were received and issued to the Contractor. At the end of March there remain two (2) incomplete water main design packages (W2 and W3).

There have been 105 RFIs submitted by Boulderstone during March, being an increase from 94 in February, and 55 in January.

Of the 105 RFIs submitted for the month, SMEC resolved the majority on site, with 10 forwarded to Aurecon for design input. 36 remain outstanding. Refer to graph below.



Considerable time is involved in investigating, corresponding and resolving these RFIs. They are resolved based on the Contractor's priorities and complexity.

Productive relationships with Aurecon are currently reflected in the quick turn round on Design RFI's and DRR's. This is assisted by the weekly design meeting. Refuse Sch.4 P maintains the RFI register and updated priorities in the design register based on Baulderstone's input. This allows for constructive discussion in the design issues meeting and the Allconnex meeting and allows Aurecon's efforts to be focused on the critical activities. Aurecon now have an office on site to assist in providing a quick turn-around of design advice. Unfortunately Refuse Sch.4 P, Aurecon's water and sewerage engineer is leaving the project in April. It is reported that two part time staff will be available to replace him. This could potentially lead to delays in resolving the critical path water and sewerage design issues.

There is still an outstanding requirement for Aurecon to compile all issued drawing/sketches into a final construction issued set of drawings to enable Baulderstone and SMEC to complete the as constructed data for the project. However a trial set of drawings has been provide by Aurecon to facilitate agreement by all parties on a process moving forward.

SMEC are assisting with the design of temporary services and the investigation of manholes, water meters and valves and hydrants. Refer to section 8.

6. COMMUNITY LIAISON AND COMMUNICATIONS

Complaints Summary

	To Date	Last Month	This Month	Trend	
Stakeholders Complaining	223	45	42	↑	
Conman Issue	DSE to Date	DSE Last Month	DSE This Month	Trend	Comments
Noise	52	10	7	↑	
General Traffic Management	50	3	10	↓	
Night works	31	6	6	→	
Access	40	4	5	↓	
Bus Stops	26	4	2	↑	
Outside project scope	29		5	↓	Not relevant to this project
Out of Hours Noise	15			→	
Water	19	2	3	↓	PUP related issue
Parking	21		3	↓	Not relevant to the contract
Landscape/Urban Design	15	2		↑	
Dust	15	4		↑	
Timeframes	13	2	2	→	
General Construction Enquiry / update	14	1	1	→	
Worker Behaviour	15	2	1	↑	
Property Damage	19	2	2	→	
Telstra	8		2	↓	PUP related issue
Loss of business / compensation request	13	1	4	↓	Not relevant to the contract
Energex	11			→	PUP related issue
Vehicle	23	6	5	↑	
Environment	6			→	
Fencing	6			→	
Vibration	9	3	2	↑	
Construction	10	3	3	→	
Road surface quality	22	7	2	↑	
Flora/Fauna	6		1	↓	
Signage	3	3		↑	
Fencing	4	1	1	→	
Pedestrian	7		2	↓	
Content	3			→	Not relevant to this contract
Distribution	5			→	Not relevant to this contract
Safety	3			→	
Design issues	5		1	↓	Not relevant to this contract
Other	4	2		↑	
Signage	4			→	
Footpaths	11	3		↑	
Security	2			→	
Waste Management	1			→	
Street lighting	2		1	↓	
Bicycle	1			→	
Road closure	1			→	
Driveway works/access	5	4	2	↑	
Thank you/compliment	1			→	Not a complaint issue
Structural	8	5		↑	
Landscaping	3			→	
Sewer	2			→	
Nightworks Update	4	1	1	→	Not a complaint issue
Electrical	4	1		↑	
Total Distinct Issues	571	82	74	↑	

DSE - Distinct Stakeholder Events

The Contractor's good performance in the Communication area continued during March. Details of trends and complaints are contained in the Contractor's monthly report and are not repeated here. Boulderstone are still committed to contacting affected stakeholders both before and after

networks to discuss impacts. In general, it is considered that Baulderstone is making a very good effort to manage stakeholder interests and concerns.

As reported in February, a meeting was held to confirm methods for assessment and to improve the Contractor's Communication KPI reporting. This resulted in amendments being made to ConMan by the State, to facilitate reporting against some KPIs. This is now reflected in Baulderstone's reporting. Assessment of KPIs for previous months remains outstanding.

During March, Baulderstone mobilised an additional resource, to better manage interaction with property owners. This has released the State's part time resource, assisting with preparation of comms material, to return to GCRT. The feedback on this appointment has been positive.

7. SMEC CONTRACT ADMINISTRATION TEAM

The SMEC team has generally maintained very good relations with the Contractor's and the Principal's staff. Whilst there are many issues to be resolved, a collaborative culture with open honest communication is assisting in resolving these issues. The colocation of teams in the same office space helps to maintain good relationships in an often strained construction environment. When issues, or potential issues, are raised by SMEC they are taken seriously and generally acted upon.

As previously reported, [Part Refuse Sch.4 Part 4] has submitted his resignation to SMEC. It is now confirmed that he will be leaving the project in early May. His leaving will be a huge loss to the project, with [Refuse Sch.4] knowledge of the project and his rapport with the community. [Part Refuse Sch.4 Part 4] will be joining the project to replace [Refuse Sch.4]. [Refuse Sch.4] is one of SMEC's most experienced Surveillance Officers, having worked on numerous major projects in the region. He has gained an insight into the project, assisting whilst [Part Refuse Sch.4 Part 4 s.6 Personal information]. In addition, SMEC has recently gained the services of [Part Refuse Sch.4 Part 4] who also has extensive civil construction and quality system experience. He will be available to work part time on the project as required.

As discussed in section 2, SMEC are unable to process the volume of variations submitted in a timely manner. Even with [Part Refuse Sch.4 Part 4] now assessing variations, it is forecast that it will take months to process the current backlog. Additional resources will be required to clear this backlog.

8. VALUE-ADDING BY SMEC AND KPI

GCRT have adopted a Good to Great Performance Management Framework. Whilst not part of the initial brief, SMEC has agreed with GCRT to actively work within this framework to achieve the Key Result Areas (KRAs) identified. The three KRAs are:

- A. Develop and maintain positive relations, in collaboration with the main contractor, with property owners adjacent to the works
- B. Technical Issues Management (time related)
- C. Maintain the commercial integrity of both the CA's contract with the State, but also the Contractors Agreement with the State.

A series of Key Performance Indicators (KPIs) have been adopted to measure performance against the KRAs. SMEC are then subjectively measured against these KPIs by a survey of selected GCRT staff, which is in turn subjectively summarised. SMEC will use the comments received from the survey to improve performance. A further action plan was developed in February to improve the scored performance. A presentation and workshop was held in March to discuss and confirm the elements in the action plan.

The KPIs and actions to achieve performance are summarised below. Many of the activities listed are "Value-add" activities and were not envisaged by the project at commencement.

A1 Active participation and liaison with GCRT and BPL communications teams.

- SMEC continue to actively attend each of the weekly Communication Meetings, providing input.
- SMEC have reviewed all the CAPs and Works Notifications prepared during the month.
- SMEC continue to chair and minute the weekly Allconnex Meetings to assist in the timely resolution of Allconnex issues and to improve communication between all parties. In addition, we are having regular, almost daily, discussions with Anthony Steinfort to note his concerns, investigate them and to reassure Allconnex that their assets are being protected.
- In addition, SMEC has also facilitated a review of the Contractor's performance against contract requirements during February. Refer section 6.

A2 Assist with the timely identification of impacts and communication strategies.

- SMEC continue to contribute to the upcoming work community impacts in the weekly Communications Meeting and to ensure that community impacts are considered in discussions in weekly Design, Allconnex, Progress and Program, PMG and Toolbox meetings.
- SMEC is attending and providing input into a number of other meetings that are traditionally not part of a RCC contract. These include: design interface meeting, PLG, fortnightly

meetings with GCRT, weekly communication meetings, meetings with Goldline, traffic coordination meetings, etc.

- SMEC actively attends the weekly Progress and Program meetings and the Program Risk meetings to review the program. We also attend the Contractor's program update meetings.

A3 Monitoring of Works and site conditions to minimise adverse impacts.

- SMEC has on-going liaison with property owners to agree reinstatement measures prior to the works being carried out. Surveillance activities of property works is recorded in our Daily Diaries. Much of the property interface works have not been included in the design, but are necessary as a result of PUP relocations and/or changing of ground levels at the property boundary. Aurecon are detailing the design of accommodation works at the larger properties such as Crowne Plaza. For numerous "smaller" properties, these are being dealt with by SMEC/BPL, on a continual basis, examples in March include:
 - Alexandra Apartments, meeting with property owner to set out the proposed driveway allowing the owner to visualise the concept and to discuss other minor concerns.
 - Old Saffron, Sushi Train and Oriental gardens Buildings– supervision of the additional landscaping not shown on the design drawings, plus other minor property modifications.
 - Sapporo, Pink Poodle / Mantra Wings and MEC Cafe– Explained alternative design options with property owners to obtain agreement. This is still in progress as we are waiting on feedback.
 - Footpaths and pram ramps – ongoing liaison with GCCC for the minor modifications to suit site conditions and providing directions to Baulderstone.
 - Mardi Gras – Completed design after consultation with the property owners and issued a direction to Baulderstone.

All works are discussed and agreed with property owners on site by [redacted] and [redacted] (SMEC), [redacted] (BPL), with additional input from [redacted] (GCRT) as required.

The above initiatives have led to numerous time savings from not having to refer the matter to the designers & waiting for responses.

The SMEC site team are aware of the project impacts on the community and act to maintain good relations with the local community. For example, in addition to the formal meetings [redacted] often has informal discussions with property owners to say "hello" and reassure them that measures affecting their property haven't been forgotten and discussing how the work is going on / at their property and if there are any issues. This culture reduces issues being reported. It is difficult to measure or fully appreciate the positive impact of this work.

A4 Prompt advice to GCRT for matters of concern.

- SMEC advises GCRT when matters become evident on site and also investigates any queries from GCRT. Specific examples for the month include the Ambulance Station warning lights, Remembrance Park trees, Neddy Harper Park trees, etc. At this stage Stakeholder and Community matters are communicated with [redacted] traffic, safety,

quality, program (Potential Notices of Delay), Service Authority and communication issues have all been advised as necessary to Part Refuse Sch.4 Part 4 s.6 as appropriate.

B5 Assist with resolving technical issues.

- SMEC always value-add when referring RFIs to Aurecon and does not act as a “post box”. This is done by reviewing the RFI and after determining that it can’t be resolved on site, ensuring that the RFI is clear, concise and contains the information that the designer will require. We also include suggested design solutions where possible.

For example during the month it was realised that the design in the side streets matches at the crown but not at the kerbs. This affects drainage, the installation of the kerb, driveways etc. SMEC analysed the situation and coordinated new design levels, allowing work to continue. Refer also to Section 5.

- On-going resolution of design issues on site, particularly Allconnex. Referring to the design section of this report, many of the RFIs resulting from design clashes are resolved on site.
- Refuse Sch.4 P (SMEC) continues to manage the weekly Design meeting issues and updates the Issues Register.
- Refer to item A3 for other examples.

B6 Assist in resolving programming and interface issues.

- SMEC offered to provide an additional program specialist. GCRT has agreed that the GCRT resource is available and that an additional SMEC resource is not required.
- art Refuse Sch.4 Part is attending the weekly Contractor program meetings.
- Both Part Refuse Sch.4 Part 4 and Part Refuse Sch.4 Part 4 attend and actively contribute to the weekly Program meeting. art Refuse Sch.4 Part Chairs the weekly Progress meeting. These meetings run back to back to review and interrogate the program, suggesting ways to improve it. The meeting is also a forum to discuss and raise items on safety, resourcing, communications and general site matters.
- EOT 4 was rigorously assessed during March. Meetings were held with both GCRT and Boulderstone before a determination was made. Refer to section 1.

B7 Assist in timely PUP management, especially design certification.

- SMEC have mobilised design staff during the month to design 3 temporary water mains. Aurecon did not have design staff available and this action assisted Boulderstone to manage the PUP to meet program.
- art Refuse Sch.4 Part has been utilised as an additional part time resource to resolve Allconnex issues relating to sewer manholes, valves and hydrants and water meters. No Boulderstone or Aurecon staff was available to conduct this work. fuse Sch.4 has analysed the survey information and produced spread sheets to categorise the work to meet the Allconnex standards. Allconnex have stated that these 3 areas have the potential to delay the project.
- Part Refuse Sch.4 Part 6 is a member of the newly formed PMG and has attended all the meetings held to date. This group reviews “speed bumps” to the program and acts to remove them.
- SMEC continues to chair and minute the weekly Allconnex meeting and to attend the weekly Allconnex Shut-down and Cut-over meeting. These meetings aim to assist in the

timely resolution of Allconnex issues and to improve communication between all parties. In addition, we are having regular discussions with Part Refuse Sch.4 Part 4 to reassure Allconnex that their assets are being protected. We are actively working to build good relationships with Allconnex staff to assist in achieving good results for Allconnex and the project.

Refuse Sch.4 Part 4 continues to work closely with Boulderstone in updating the water main priorities and issues the current list with the Allconnex minutes.

- All new IFC drawings, models and RFI responses are promptly issued to the Contractor. In addition, and “heads-up” advise is provided to the Contractor as a result of conversations.

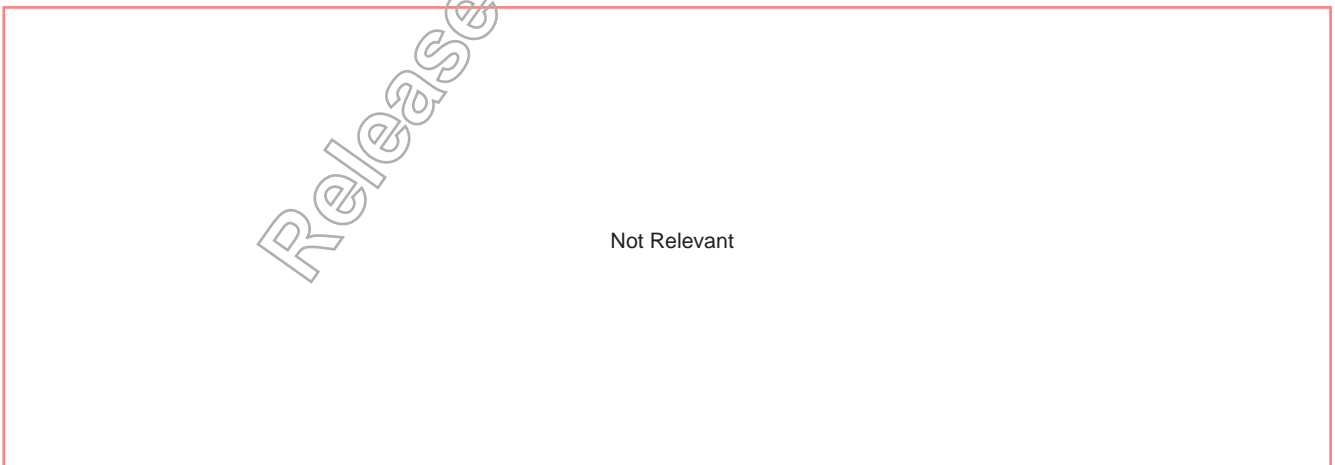
C8 Quality and deployment of demobilisation Plan.

- The deployment of the demobilisation plan will be reported as required. At this stage, acceleration is required to meet the GCRT required program dates.
- SMEC has continued on-going auditing of processes on site to ensure compliance with the specifications – e.g. pavement preparation prior to sealing, checking of reinforced concrete prior to pours, requesting testing as per contract requirements. This has meant almost full time surveillance of some critical activities, and certainly far greater level of surveillance than would normally be required. It has been required, at least in part, due to BPL engineers spending a disproportionate amount of time in the office on planning & program, rather than on supervision of works.

C9 Monthly Review and forecasting of SMEC resources.

- SMEC has provided a revised resource forecast to complete for the project to GCRT during March.

C10 Monthly estimates of final costs including variations and schedule over / under-runs.



C11 Quality of Monthly Report

- The monthly report has been re-formatted as a result of discussions with GCRT. We await further feedback.

Other areas where SMEC has 'value-added' for the project last month:

- a. The State has included a TMR graduate engineer in the contract administration team. [art Refuse Sch.4 Part] is provided with support and advice to further his career and has become a valuable member of the team.
- b. [art Refuse Sch.4 Part] and [Refuse Sch.4 Part] are actively encouraging and assisting [art Refuse Sch.4 Part] and [use Sch.] to write their "career episodes" required their application for RPEQ and CPEng professional status.
- c. To value-add, SMEC provides a graduate engineer in the document controller / administration position on most site projects. This position is invoiced to the project at administration rates. This assists the industry in providing our young designers with construction site exposure and assists the project by having an additional engineer. For this project it has provided the additional benefit of [4 Part 4 s.6] now fully cognisant of the project, able to fulfil night work inspection duties.
- d. SMEC maintain a high level of site surveillance and monitoring of site conditions, particularly as they affect members of the public and stakeholders. Detailed daily surveillance records are maintained, and prompt directions are given to the contractor as required. SMEC site staff have been very proactive in identifying and making safe traffic, barricading and other safety issues. They are assisting in the planning of activities and providing construction methodology advice to graduate, and under graduate, construction engineers.
- e. SMEC have provided Boulderstone with a suggested template for the checking of defects for Practical Completion.

Released under RTI-66

Pages 67 through 77 redacted for the following reasons:

Not relevant

Released under RTI - DTMR



Contract Administrator's Monthly Report

Gold Coast Rapid Transit

Early Enabling Works

Road Works South

JUNE, 2012

Project Name:	Gold Coast Rapid Transit - Broadbeach Roadworks
Project Number:	3003565
Report for:	Gold Coast Rapid Transit

PREPARATION, REVIEW AND AUTHORISATION

Revision #	Date	Prepared by	Reviewed/Approved for Issue by
0	9/7/12	art Refuse Sch.4 Part	art Refuse Sch.4 Part

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Released under RTI - DMR

1. INTRODUCTION

The renegotiation of the contract has been occurring over the last few months. This will change the contract from a schedule of rates contract to a cost plus type contract. It has been advised that the amended contract has been agreed and draft notes of the arrangement have been produced by [ch.4 Part 4 s.6 P.](#) As such, this monthly report has been reformatted on the basis of the new agreement as it is known.

2. PROGRAM & PROGRESS

The Current program that is being monitored is Revision 8 Kerb to Kerb Handover – North. This program, stated on 28 June 2012, forecasts a kerb to kerb handover on 24 August. The majority of the road reserve works (i.e. footpath area) and property works will be complete by the end of August. Some remaining works will continue afterwards. The extent of works to be completed is yet to be confirmed by GCRT, though it is expected Baulderstone will be required to conduct these works. A copy of the Critical Path Program is shown in Contractor's Monthly Report for June.

The Revision 8 program was submitted to the Superintendent on the 1st March 2012 and has subsequently been amended to reflect the contract negotiations. The program has not been deemed suitable under the contract as it exceeds the granted Extension of Time (EoT). It is understood that new completion dates have been agreed as part of the revised financial model, such that EoT provisions are no longer applicable.

Practical Completion for Separable Portion 2, the Southern Works, was achieved on the 8 June 2012. The completed sections are:

- Separable Portion 1, Club Surfers – 31 March 2011.
- Separable Portion 2, Southern Works – 8 June 2012 (St Kilda Ave to Australia Ave)
- Separable Portion 3, South of Australia Ave – 31 March 2012.

GoldlinQ took possession of the site from St Kilda Ave to the southern limit of works on 25 June 2012.

Good progress and momentum has occurred in June, with the project closely tracking the program. Difficulties continue to be encountered, particularly in relation to water mains, but are generally being resolved effectively and in a timely manner. This often requires intense efforts of all parties to keep the project on target and the considerable effort should not be underestimated.

There has been minimal time lost due to wet weather in June. Some allowance for wet weather has been allowed for in the program. At the end of June, the majority of the stormwater work and water and sewer work is complete, allowing the northern pavement works to commence. There is currently an intense focus on water main commissioning and cut-over. This is progressing well and works are expected to be complete by mid-July. Early July will also see Boral back on site to commence asphalt work for a week, with another asphalt booking later in the month.

The 1st September hand-over is critical to the project. The forecast completion date remains very close to the handover date, though confidence of meeting or exceeding the program is increasing as the program is being met. This will result in additional footpath and property works being completed by the end of August. Actions are being taken to review the remaining scope and de-scope where possible.

Identified potential risks to the program are:

- Failure of new pressure mains to pass testing, delaying the program and requiring rework. This risk is reducing as work is progressing well. Refer to Section 5.

- Service clashes have been ongoing. This risk is significantly reducing as the in-ground works are being completed.

Opportunities that are being realised include:

- Traffic Management opportunities to relax the Gold Coast Highway lane closure restrictions and side street access, which results in establishing more work zones. The closure of the southbound right hand turn into Monaco St has allowed work zones on both sides of the highway. There is now a U-turn facility at St Kilda Ave. These measures are resulting in work occurring earlier, taking pressure off the program.
- Baulderstone have employed additional work crews to compress the program. Significant advances in progress have been achieved as a result. Additional crews for pavement works are being deployed during July.
- Baulderstone are negotiating with Boral to provide additional crews and double shift the asphalt works in July to compress the program.

Notwithstanding the revised financial model, twenty (21) notices of potential delay were received during June. These notices predominately relate to work being affected by weather and design conflicts in the field. It is expected that such notices will not be required under the amended contract.

3. FINANCIAL

Not Relevant

4. CONTRACTOR MANAGEMENT

4.1 Traffic management

Current TMLG approved traffic management plans and traffic guidance schemes are generally functioning well. Regular audits and surveillance are conducted by the CA team to ensure that compliance with currently approved schemes is being maintained. Some safety-related issues arose during the month and these were addressed, refer to CAR 010 described in section 4.4 below. During June, the southbound right turn into Monaco St was closed and a U-turn facility

opened at the St Kilda traffic signals to cater for this movement. These traffic changes will help shorten the program as it allows work sites to be established on both sides of the highway. Other relaxations are being approved on a case by case basis to shorten the program, with the impact on traffic being monitored.

4.2 Quality Management

NCRs to Date	NCRs Previous Month	NCRs This Month	Monthly Trend	Comments
305	29	14	Reduced	The NCRs for June have reduced from that reported in the previous few months; though remain around the 15-30 per month range. The vast majority are minor in nature, relating to minor specified tolerance non-conformances. These require either no or minimal rework.

NCRs continue to be monitored both through surveillance in the field and the auditing of Lot conformance quality assurance documents.

SMEC have conducted the following audits during June:

- A joint safety audit was held on the 6 June with WPH&S. The scope of the review included assessment of site specific activities, traffic control and public safety, with a review of safe work method statements, site induction records and personnel accreditation undertaken. A few minor non-compliance items and improvements were identified. The WPHS inspectors generally had positive comments, noting the improvement of the Site overall. They were both very impressed with the management of the buried services and the entire setup of the compound north of Wharf Road. They noted the extent of controls for pedestrian safety and quality of temporary footpath.
- Stormwater Construction (8/6/12). Further areas for improvement of the QA system were identified.
- Pavement Construction (15/6/2012). Opportunities were identified for improvement of lot management.

Towards the end of May SMEC initiated preparation of the defects and omissions lists for the Southern section in preparation for Practical Completion. This included walk through inspections with the various authorities. The defects and omissions list was issued to Boulderstone during June and reasonable progress has been made to address the listed items. This is continuing.

4.3 Safety Management

The project has achieved 500,000 construction hours worked without lost time injury, and more significantly considering the type of work being undertaken there have been few medical treatment injuries since award of contract. This is a significant milestone and was celebrated on site with a BBQ lunch and congratulatory speeches. There were 4 incidents and 2 minor injuries reported for the month.

Safety initiatives and the employment of an additional safety resource have continued to work well. Part Refuse Sch.4 Part 4 s.6 Personal information has resigned and is leaving in early July. Refuse Sch.4 P will assist until the end of the project.

SMEC commissioned an independent Road Safety Auditor in early June to conduct the pre-opening road safety audit, prior to Practical Completion and the handover of the site to GoldlinQ. The main issues raised were addressed. The remaining items are either on the defects list or with the designers to comment.

4.4 Corrective Action Requests

SMEC raised two Corrective Action Requests (CARs) during June.

CAR 010 was raised for a traffic safety issue, following the failure to fully implement the approved TGS, with a number of non-conformances to this plan and the specification. It was noted that this CAR is very similar to CAR 006, and as such the corrective action has not been effective.

CAR 011 was issued for quality system processes on the water main works. A site audit identified non-conformances on the implementation of the quality documentation with respect to the quality specification and the approved Inspection and Test Plan (ITP).

4.5 Environmental management.

There were no reportable environmental incidents in June.

An audit of the Contractor's compliance to the CEMP and conditions of permits and licences was completed during the month. Some minor non-conformances were identified. The Contractor responded on the 2 July 2012. The response is being reviewed.

4.6 Cultural Heritage.

No issues to report.

5. SERVICE RELOCATIONS

Issues with water and sewer works have continued to present the biggest risk to completion. During June there has been considerable progress that ensured that the program remained on target. The water and sewer works are forecast to be substantially complete by mid-July. A summary for the month follows:

1. Design input has been constantly required during June. Aurecon have been responding quickly when clashes are identified or design modifications are required. Weekly meetings with GCRT, Boulderstone, Aurecon and SMEC have continued to discuss and prioritise the RFIs required to maintain construction progress.
2. Allconnex require detailed Work Method Statements for both general works and cut-overs. The detail required and the level of review is requiring numerous iterations before agreement. The effort in obtaining Allconnex approval and acceptance of the work remains considerable. However, as sections of work are completed during June, this is improving. Ray Brown was closely involved in managing approvals and facilitating agreement with Allconnex. Ray finished on the project during June and SMEC is now managing this process, ensuring co-ordination with Allconnex.

3. Weekly Allconnex interface meetings continued during June. These are chaired by SMEC with attendance from GCRT, Baulderstone and Allconnex to discuss and resolve issues and program. The interface meeting is becoming less time consuming as work is being complete and issues resolved. A weekly cut-over meeting is also held to plan and co-ordinate shut downs and cut overs, with a weekly look ahead meeting to confirm the works for the week.
4. Whilst there have been issues with the compliance of new pressure mains, the lessons learnt in the previous months has resulted in there being less issues and rework for June. The critical W3 water main and major property connections have progressed very well. In addition, it was decided to replace the major 375 dia water main between Fern St and Thornton Ave due to its' proximity to the pavement box. This "best for project" decision considerably reduced the ongoing risk to completing the project on time. Baulderstone has ordered and laid the pipe expeditiously.
5. Allconnex have previously observed isolated quality issues and damage to their infrastructure resulting in their perception of overall poor quality affecting their network. These are being addressed on a case by case basis and being resolved. During June, issues been resolved quickly improving the Allconnex perceptions.
6. The "observation test" on the existing 375dia southern AC water main to determine that it hasn't been damaged by the works is due to be re-run in July. This main is now under permanent trafficked pavement.
7. Discussions are continuing on 'de-scoping' some of the water and sewer main works and having Allconnex complete these works at a later date.

The Energex works are essentially complete. One water main (W9 east) clash was identified during the month. We are working with Energex to locally relocate the bank of conduits. Apart from this, only defects and minor tidy-up works remain.

Telstra have now completed their cable relocation and jointing works. Telstra have also substantially completed "Pit 89", which was removed from the contract works. During June, Telstra have been assisting in the relocation of their asset at Monte Carlo Ave due to a clash with the water main (W9 west). Refuse Sch.4 P was particularly helpful in assisting at short notice. Telstra have located a damaged cable near Armrick Ave. Investigations continue and it is yet to be determined if this is a manufacturing fault or damage caused by the project.

All other telecommunications network providers are complete.

No works on the gas infrastructure occurred during the month.

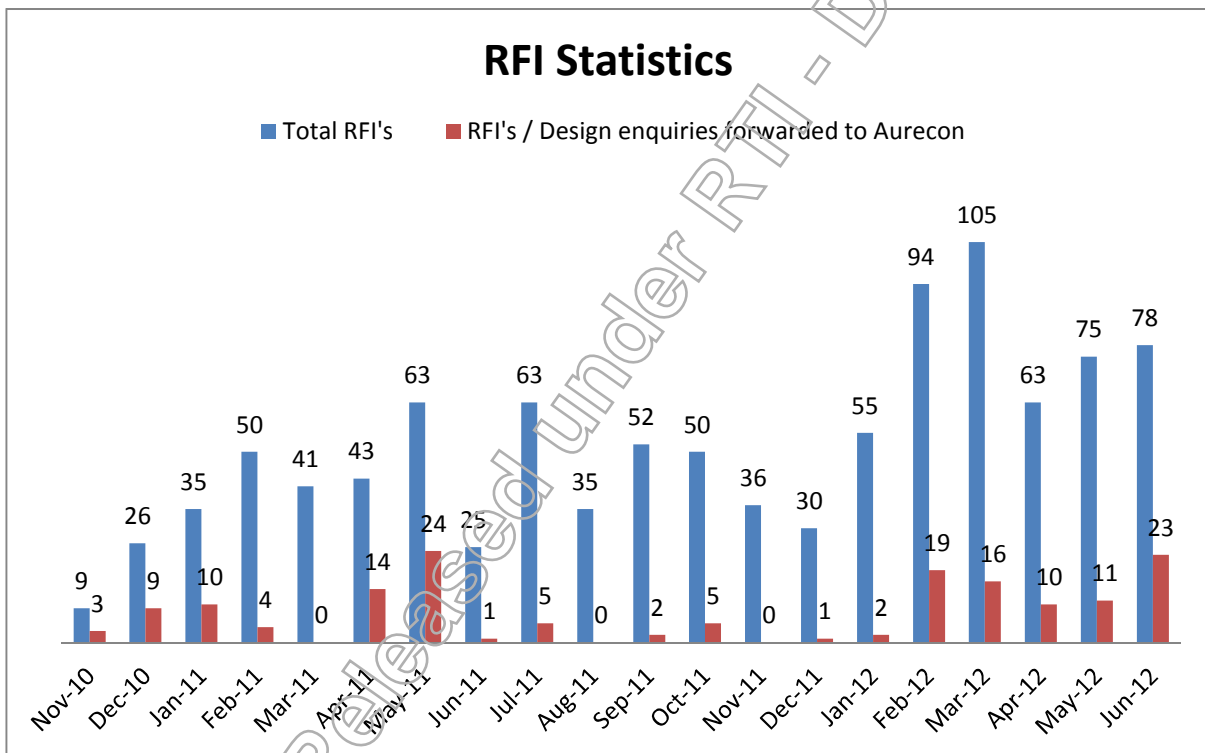
6. DESIGN ISSUES AND REQUESTS FOR INFORMATION

During June seventeen (17) IFC drawings, two (2) IFC sketches and one (1) 12-D Model were received and issued to the Contractor. This number is relatively consistent with last month. At the end of June there no incomplete water main design packages, but there are various redesigns underway for water mains, signage, line marking, and signals.

There have been 78 RFIs submitted by Baulderstone during June, being an increase from 75 in May, and 63 in April. The number of RFI's peaked in March but remains high relative to the number received in 2011. It is noted that there are a number of RFIs that are shown as "open" in Project Centre. Most of these are with Baulderstone to action or close.

Of the 75 RFIs submitted for the month, SMEC resolved the majority on site, with 23 forwarded to Aurecon for design input. 9 remain outstanding from this month. A significant number of water main thrust blocks have required design input due to poor soil conditions.

SMEC have already received 19 RFI's by 6 July. Based on this rate, an average of 3 per day will equate to another big month, with works ramping up to meet the 31 August practical completion deadline.



Considerable time is involved in investigating, corresponding and resolving these RFIs, which are being addressed based on the Contractor's priorities and complexity.

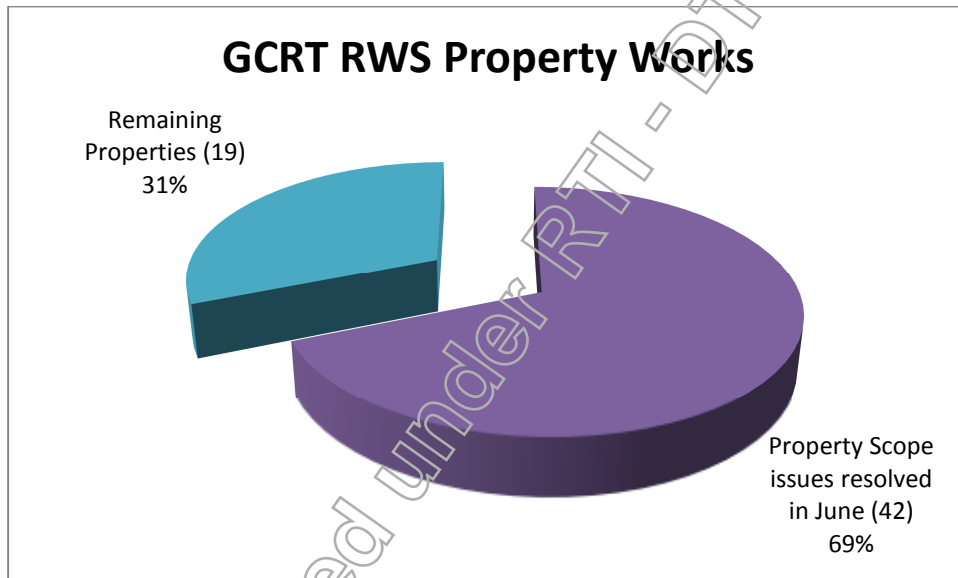
Productive relationships with Aurecon are currently reflected in the quick turn round on Design RFI's and DRR's. This is assisted by the weekly design meeting. Refuse Sch.4 Part 1 maintains the RFI register, including weekly updates on priorities with inputs from Baulderstone and GCRT. This allows for constructive discussion in the design issues and Allconnex meetings and allows Aurecon's efforts to be focused on the critical activities. Aurecon's nominated designer, Refuse Sch.4 Part 2 has worked well with the site team and provided timely feedback during June.

In June, GCRT de-scoped some lighting from the Contract which has meant GoldlinQ will be required to construct median lighting from Remembrance Drive to Wharf Road intersection.

However, lighting of the side roads and the Wharf Road intersection itself are still required. This will require Aurecon to reissue lighting drawings and provide an update on the most appropriate alignment for the state-use conduits. Based on what has already been constructed and the lighting conduit alignment previously issued, SMEC has recommended that the State-use conduits be installed on the eastern side of the Gold Coast Highway. This design work is currently with Aurecon to deliver with a deadline of Friday 13 July, to minimise the risk of construction delays.

SMEC are also actively looking to resolve design issues and implement strategies that remove any additional works for Boulderstone.

Refuse Sch.4 Part 2 and Part Refuse Sch.4 Part 2 are now working effectively with GCRT and the community team to gain multiple approvals and signatures from property owners and body corporates to help facilitate the completion of the property works. SMEC have modified the Property Works Register to track the issues and clarify any remaining scope (refer Appendix C). Refuse Sch.4 Part 2 manages this as an additional session after the design issues meeting and minutes the actions for the team. Properties that require scope clarification dropped significantly in June from 61 to 19. The remaining properties are either awaiting final sign off, or comprise minor works which will be addressed in the field as adjacent kerb works progress.



There is still an outstanding requirement for Aurecon to compile all issued drawing/sketches into a final construction issued set of drawings to enable Boulderstone and SMEC to commence the documentation of the as constructed data for the project. A trial set of drawings has been provided by Aurecon to facilitate agreement by all parties on a process moving forward and this has been "red pen" marked up by SMEC. Aurecon have produced a draft as constructed procedure and SMEC reviewed this in May. This trial set specifically for Allconnex is with them for comment and is yet to be resolved. Refuse Sch.4 Part 2 has volunteered to compile all the as-built information received in recent times into one document and distribute to the relevant parties for final agreement early in July.

7. COMMUNITY LIAISON AND COMMUNICATIONS

Complaints Summary

	To Date	Last Month	This Month	Trend	
Stakeholders Complaining	270	36	30	6	
Conman Issue	DSE to Date	DSE Last Month	DSE This Month	Trend	Comments
Noise	63	5	2	3	
General Traffic Management	58	5	3	2	
Night works	43	5	8	-3	
Access	47	8	2	6	
Bus Stops	27		1	-1	
Outside project scope	5	1		1	Not relevant to this project
Out of Hours Noise	25	4	6	-2	
Water	20	4	1	3	PUP related issue
Parking	25	6		6	Not relevant to the contract
Landscape/Urban Design	16	1		1	
Dust	18	1		1	
Timeframes	26	6	4	2	
General Construction Enquiry / update	25	6	2	4	
Worker Behaviour	23	5	3	2	
Property Damage	17			0	
Telstra	7	1		1	PUP related issue
Loss of business / compensation request	19	6		6	Not relevant to the contract
Energex	7			0	PUP related issue
Vehicle	38	3	9	-6	
Environment	7	1		1	
Fencing	8	1		1	
Vibration	11	2		2	
Construction	10			0	
Road surface quality	30	2	4	-2	
Flora/Fauna	6			0	
Signage	9		1	0	
Fencing	4	1		1	
Pedestrian	7	1	1	0	
Content	3			0	Not relevant to this contract
Distribution	5			0	Not relevant to this contract
Safety	10	3	1	2	
Design issues	6		1	-1	Not relevant to this contract
Other	5		1	-1	
Signage	3			0	
Footpaths	15	3		3	
Security	2			0	
Waste Management	1			0	
Street lighting	7	1		1	
Bicycle	1			0	
Road closure	10	5	1	4	
Driveway works/access	8	2	1	1	
Thank you/compliment	4	1	1	0	Not a complaint issue
Structural	8			0	
Landscaping	6	1		1	
Sewer	2			0	
Nightworks Update	4			0	Not a complaint issue
Electrical	3			0	
Total Distinct Issues	704	92	53	39	

DSE - Distinct Stakeholder Events

The Contractor's good performance in the community liaison and communication area continued during June. The Communications Team of [Redacted] and [Redacted] are working very well

with the property stakeholders, GCRT and the Boulderstone construction team. Additional details of trends and complaints are contained in the Contractor's monthly report and are not repeated in this report.

Boulderstone are still committed to contacting affected stakeholders for night works, access and property works to discuss impacts. There has been considerable work this month in obtaining final agreement for property works to be undertaken. In general, it is considered that Boulderstone is making a very good effort to manage stakeholder interests and concerns.

8. SMEC CONTRACT ADMINISTRATION TEAM

The SMEC team has generally maintained very good relations with the Contractor's and the Principal's staff. Whilst there are many issues to be resolved, a collaborative culture with open honest communication is assisting in resolving these issues. The co-location of teams in the same office space helps to maintain good relationships in an often strained construction environment. When issues, or potential issues, are raised by SMEC they are taken seriously and generally acted upon.

SMEC is regularly reviewing the contract administration team required to efficiently complete the project. The following changes are noted:

- Part Refuse Sch.4 Part 4 who seconded from TMR to gain contract administration experience, finished on site on 22 June to return to the GCRT office.
- As a result of the contract re-negotiations, Part Refuse Sch.4 Part 4 s has ceased assessing variations during June and is no longer actively working on the project.
- With the stormwater works due for completion in early July, ch.4 Part 4 s.6 P will demobilise on the 20 July.

As the Contractor is resourced to continue construction intensity until the end of August the remaining SMEC site team are expected to continue on site into September. Refuse Sch.4 P as due to demobilise at the end of July, but with his involvement in RFIs and property works (refer Section 5), it is likely that he will be required on the project for a longer period. This will continue to be monitored. The forecast remains close to the budget.

9. VALUE-ADDING BY SMEC AND KPI

GCRT have adopted a Good to Great Performance Management Framework. Whilst not part of the initial brief, SMEC has agreed with GCRT to actively work within this framework to achieve the Key Result Areas (KRAs) identified. The three KRAs are:

- A. Develop and maintain positive relations, in collaboration with the main contractor, with property owners adjacent to the works
- B. Technical Issues Management (time related)
- C. Maintain the commercial integrity of both the CA's contract with the State, but also the Contractors Agreement with the State.

A series of Key Performance Indicators (KPIs) have been adopted to measure performance against the KRAs. SMEC are then subjectively measured against these KPIs by a survey of selected GCRT staff, which is in turn summarised. SMEC will use the comments received from the survey to improve performance. A further action plan was developed in February to improve the scored performance. A presentation and workshop was held in March to discuss and confirm the elements in the action plan. The result has been an improvement in the scores and comments received on SMECs performance, with positive comments received from GCRT. No scores and comments have now been received for the last couple of months.

The KPIs and actions to achieve performance are summarised below. Many of the activities listed are "Value-add" activities and were not envisaged by the project at commencement.

A1 Active participation and liaison with GCRT and BPL communications teams.

- SMEC continue to actively attend each of the weekly Communication Meetings, providing input.
- SMEC have reviewed all the CAPs and Works Notifications prepared during the month.
- Part Refuse Sch.4 Part 4 s.6 attend all the property meetings to explain the proposed works to the owner / body corporate and address any concerns or issues they have. This is done in conjunction with the Baulderstone Communications Team.
- In addition, SMEC has also facilitated a review of the Contractor's performance against contract requirements. Changes have now been implemented and reporting has been improved.

A2 Assist with the timely identification of impacts and communication strategies.

- The SMEC team are continuing to monitor the works, especially night works and traffic impacts, notifying GCRT, GCCC and the communications team of issues and working with Baulderstone to resolve them.
- SMEC continue to contribute to the upcoming work community impacts in the weekly Communications Meeting and to ensure that community impacts are considered in discussions in weekly Design, Allconnex, Progress and Program, PMG and Toolbox meetings.

- SMEC is attending and providing input into a number of other meetings that are traditionally not part of a RCC contract. These include: design interface meeting, PLG, PMG, weekly communication meetings, meetings with GoldlinQ, etc.
- SMEC actively attends the weekly Progress and Program meetings and the Program Risk meetings to review the program. We also attend the Contractor's program update meetings.

A3 Monitoring of Works and site conditions to minimise adverse impacts.

- SMEC has on-going liaison with property owners to agree reinstatement measures prior to the works being carried out. Surveillance activities of property works is recorded in our Daily Diaries. Much of the property interface works have not been included in the design, but are necessary as a result of PUP relocations and/or changing of ground levels at the property boundary. Aurecon are detailing the design of accommodation works at the larger properties such as Crowne Plaza. For numerous "smaller" properties, these are being dealt with by SMEC/BPL, on a continual basis, examples in June include:
 - Resolved the "bin Slabs" at Club Surfers and Surfers Backpackers, along with a concept for discussion with the owners at Sherwood Court.
 - At Club Surfers, SMEC has sketched a proposal for the relocation of the entry stairs and briefed Aurecon to conduct detailed design.
 - SMEC met with the body corporate of Pink Poodle to discuss access issues. As a result additional survey has been commissioned to assist in resolving these issues and to gain agreement. Aurecon will be briefed to provide minor changes to the current design.
 - SMEC have liaised with Energex, Duty Free, New Mexico and Shell to resolve minor issues and gain agreements.
 - At 1st Ave a meeting was held with the property owners. Agreement was reached on the extent of works and Aurecon was briefed on final changes. IFC drawings have now been issued.
 - 18 property related site instructions have been issued to Boulderstone during June to clarify the extent of works. Whist Boulderstone claimed the scope was unknown, it was agreed some time ago and the instructions were pending completion of footpaths to ensure the proposed details worked.
 - Sch.4 Part 4 s.6 Pe has met with the Vet Surgery regarding their complaint of moisture ingress into the building and issued an instruction to Boulderstone for additional investigations

The above initiatives have led to numerous time savings from not having to refer the matter to the designers & waiting for responses.

The SMEC site team are aware of the project impacts on the community and act to maintain good relations with the local community. In addition to the formal meetings, Part Refuse Sch.4 Part 4 often has informal discussions with property owners to discuss how the works affecting their properties is progressing or to reassure them that issues are being resolved. This positive culture reduces issues being reported.

A4 Prompt advice to GCRT for matters of concern.

- SMEC advises GCRT when matters become evident on site and also investigates any queries from GCRT. Specific examples for the month include the loss of water to the Cascade Garden toilet block, water main failure opposite Fern St and traffic delays.

- Stakeholder and Community matters are communicated with [art Refuse Sch.4 Part] Traffic, safety, quality, program (Potential Notices of Delay), Service Authority and communication issues have all been advised to [Part Refuse Sch.4 Part 4 s.6] as appropriate.

B5 Assist with resolving technical issues.

- SMEC always value-add when referring RFIs to Aurecon and does not act as a “post box”. This is done by reviewing the RFI and after determining that it can’t be resolved on site, ensuring that the RFI is clear, concise and contains the information that the designer will require. We usually provide suggested design solutions.

[Refuse Sch.4 P] has facilitated site meetings and a workshop to review all pram ramps on the project (including pathway alignments) to allow Boulderstone to progress on site without the significant involvement of the Superintendent. Previously each pram ramp had issues with location, size and grades. This was mainly due to GCCC requesting 2m wide ramps and no design being available to construct from. Aurecon have now finalised the design for the rest of the project (ramps not already constructed and revised path alignments) and in addition an ‘Xref’ has been issued to the Boulderstone surveyors to allow streamlined survey set out of the ramps. This has been implemented in the field during June and less rework and delay is noted. In addition, the line marking x-ref was provided to assist in set-out.

During June, [Refuse Sch.4 P] sat with the survey team to review the design model for the tie-in and cross-falls in the remaining side streets. Previously, there were issues in the southern streets with the kerb and pavement interface due to a lack of design information. The model review will result in a more accurate set-out and construction in these areas.

- [Part Refuse Sch.4 Part 4 s.6] have been working extensively with the Boulderstone engineers to pay more attention to detail and improve the kerb and granular pavement preparation and placement techniques. This will achieve a better quality roadway and overcome the issues experienced in the southern section. Referring to last month’s report, they have also met with Boral to again reinforce the requirements for the upcoming northern asphalt works.
- On-going resolution of design issues on site, particularly Allconnex. Referring to the design section of this report, many of the RFIs resulting from design clashes are resolved on site.
- [Refuse Sch.4 Pa] (SMEC) continues to manage the weekly Design Issues and Property Registers (refer Append C)
- Refer to item A3 for other examples.

B6 Assist in resolving programming and interface issues.

- [art Refuse Sch.4 Part] is attending the weekly Contractor program meetings.
- Both [Part Refuse Sch.4 Part 4 s.6] attend and actively contribute to the weekly Program meeting. This meeting reviews and interrogates the program, suggesting ways to improve it. The meeting is also a forum to discuss and raise items on safety, resourcing, communications and general site matters.

B7 Assist in timely PUP management, especially design certification.

- [art Refuse Sch.4 Part] is a member of the PMG and attends the meetings. This group reviews “speed bumps” to completing the project and acts to remove them.
- SMEC continues to chair and minute the weekly Allconnex meeting and to attend the weekly Allconnex Shut-down and Cut-over meeting. These meetings aim to assist in the timely resolution of Allconnex issues and to improve communication between all parties. In

addition, we are having regular discussions with Person to reassure Allconnex that their assets are being protected. We are actively working to build good relationships with Allconnex staff to assist in achieving good results for Allconnex and the project. With Person leaving, SMEC has organised an additional meeting with Boulderstone and Allconnex to co-ordinate the water and sewer main works for the week.

- All new IFC drawings, models and RFI responses are promptly issued to the Contractor. In addition, and “heads-up” advice is provided to the Contractor as a result of conversations.

C8 Quality and deployment of demobilisation Plan.

- The deployment of the demobilisation is being reported, refer Section 7. At this stage, the Contractor is accelerating to meet the program dates.
- SMEC has continued on-going auditing of processes on site to ensure compliance with the specifications – e.g. pavement preparation prior to sealing, pavement layers, checking of bearing capacity for thrust blocks, checking of reinforced concrete prior to pours, etc. This has meant almost full time surveillance of some critical activities, and certainly far greater level of surveillance than would normally be required. Quality audits are underway, refer to section 3.

C9 Monthly Review and forecasting of SMEC resources.

- Refer Section 7

C10 Monthly estimates of final costs including variations and schedule over / under-runs.

- SMEC has continued to provide information for Person and attend meetings when requested, for the move towards an amended contract. This is outside the scope of our Consultancy and a “value-add” to the project. SMEC has been advised that negotiations with Boulderstone have been agreed in principle.

C11 Quality of Monthly Report

- The monthly report was re-formatted as a result of discussions with GCRT earlier this year. We were advised during April and May that the revised monthly report format is good.

Other areas where SMEC has ‘value-added’ for the project last month:

- a. SMEC maintain a high level of site surveillance and monitoring of site conditions, particularly as they affect members of the public and stakeholders. Detailed daily surveillance records are maintained, and prompt directions are given to the contractor as required. SMEC site staff has been very proactive in identifying and making safe traffic, barricading and other safety issues. They are assisting in the planning of activities and providing construction methodology advice to graduate, and under graduate, construction engineers.
- b. SMEC organised and conducted the defects inspections for Practical Completion. This included organising joint inspections with the service authorities and GCCC.
- c. On Saturday June 9 Person was on site physically assisting Boulderstone complete work that was required for the expected handover of the southern site to GoldlinQ at the commencement of the following week.

Pages 94 through 101 redacted for the following reasons:

Not relevant

Released under RTI - DTMR



Contract Administrator's Monthly Report

Gold Coast Rapid Transit

Early Enabling Works

Road Works South

OCTOBER, 2012

Project Name:	Gold Coast Rapid Transit - Broadbeach Roadworks
Project Number:	3003565
Report for:	Gold Coast Rapid Transit

PREPARATION, REVIEW AND AUTHORISATION

Revision #	Date	Prepared by	Reviewed/Approved for Issue by
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Released under RTI - DMR

1. INTRODUCTION

The renegotiation of the commercial model was signed on the 24 July 2012. This has changed the commercial aspects of the contract from schedule of rates contract to a cost plus basis. Implementation Procedures have been issued to provide further clarification.

2. PROGRAM & PROGRESS

Like September, work during October was sporadic. GCRT excised the site from GoldlinQ between Fern St and Second Ave, excluding the rail corridor, between the 2nd and 6th October for the purpose of Baulderstone completing defects and omissions. This was a continuation from the previous period commencing evening 18th September, where Baulderstone were similarly given the site between Wharf St and Remembrance Drive. GoldlinQ / MacDow did not allow requested access from the 10th until the 24th October. Part of this between 16th and 24th was due to a MacDow fast lane closure and noise monitoring. From the 25th until the end of the month access was given and Baulderstone conducted footpath and driveway works on the eastern alignment between Fern St and Wharf St. whilst access has been restricted, once on site work has been slow and often inefficient. The Contractor has lost momentum since Practical Completion.

Baulderstone have also continued property works and works outside the MacDow site. This work has also been slow and many of the items completed had been previously programmed for September.

Baulderstone have also been preparing and submitting documentation required by MacDow to approve for permission to access the site. This includes Work Packs, JSEAs, TCPs, etc. A number of these have required re-submission, and whilst some are due to new comments by MacDow, others are due to mistakes or incomplete documents submitted by Baulderstone. Weekly co-ordination meetings with representatives from GCRT, GoldlinQ, Baulderstone, MacDow and SMEC continued.

As part of the renegotiated financial model, all defects and omissions are to be completed by 31 October. Due to the ongoing delays in gaining access to the site, further negotiations are required to review this arrangement. An Extension of Time claim has been submitted. Property works, footpath works and the rectification of defects will not be completed by this date.

Practical Completion for the Separable Portions completed to date are:

- Separable Portion 1, Club Surfers – 31 March 2011.
- Separable Portion 2, Southern Works – 8 June 2012 (St Kilda Ave to Australia Ave)
- Separable Portion 3, South of Australia Ave – 31 March 2012.
- Remaining Separable Portion, Northern Works – 31 August 2012.
- Revised Commercial Agreement (kerb to kerb) “Practical Completion” – 27 August 2012

GoldlinQ took possession of the site from St Kilda Ave to the southern limit of works on 25 June 2012. The site north of St Kilda Ave was prepared for GoldlinQ to take possession on the 1 September 2012. It is believed that GoldlinQ accepted possession on Monday 3 September.

There was no time lost due to wet weather in October.

3. FINANCIAL

Not Relevant

4. CONTRACTOR MANAGEMENT

4.1 Traffic management

Traffic management plans are being submitted to MacDow as Principal Contractor for approval. Boulderstone have no permanent traffic management in place. Work during October has involved short term lane closures.

4.2 Quality Management

NCRs to Date	NCRs Previous Month	NCRs This Month	Monthly Trend	Comments
415	5	23	Increased	A number of NCRs recorded in October increased. This is associated with Boulderstone assessing and closing a number of lots. The vast majority are minor in nature, relating to minor specified tolerance non-conformances. These require either no or minimal rework.

Boulderstone are assessing and closing numerous work lots. Many of these relate to work that was completed some time ago. SMEC are reviewing these and returning a number with incomplete or missing information.

NCRs continue to be monitored both through surveillance in the field and the auditing of Lot conformance quality assurance documents. Productivity for the month has been low. SMEC has been disappointed with the quality of work presented for sign-off, especially considering the high proportion of supervisory staff compared to work completed and the relatively simple work being undertaken.

Defects and omissions lists for the Southern and Northern sections have been prepared. This included walk through inspections with the various authorities. Work has continued on these items as access has allowed and a number have been closed. It has been raised with Baulderstone that there remains a number of defects that are outside the MacDow site that can be addressed.

The first round of as-constructed marked-up drawings was received from Baulderstone. This took considerable effort to review, with a number of drawings returned with comments or additional information required to be added. The second and final reviews occurred and the drawings are with Aurecon for Autocad drafting.

4.3 Safety Management

The project has achieved over 630,000 construction hours worked without lost time injury. More significantly, considering the type of work being undertaken, there have been few medical treatment injuries since award of contract. There were 0 incidents reported for the month.

During October sub-contractors required for the defects and omissions work obtained a MacDow site induction.

4.4 Corrective Action Requests

No Corrective Action Requests (CARs) have been raised by SMEC during September.

4.5 Environmental management.

SMEC conducted a Third Party Environmental Audit on the 29 August. The aim of this audit was to confirm that the requirements of environmental permits and approval conditions have been met. Additional requested information was received and the report has been finalised. The report concludes that the majority of the project activities were conducted in accordance with licence conditions. Some minor non-compliance items were noted.

An arborist inspected Neddy Harper Park compound in September to confirm the condition of the trees for the handover of the park back to Council. The final report has now been received. Baulderstone are yet to complete the recommended actions.

4.6 Cultural Heritage.

No issues to report.

5. SERVICE RELOCATIONS

As previously noted, the "observation test" of the 375dia water main north of First Ave was very successful. This significantly reduces the potential need for repairing or relining this main. As a result, the failed section south of First Ave will be tested in two sections to isolate the leaking section. Baulderstone were to submit a Work Pack during October to allow this to occur, but this has not been forthcoming.

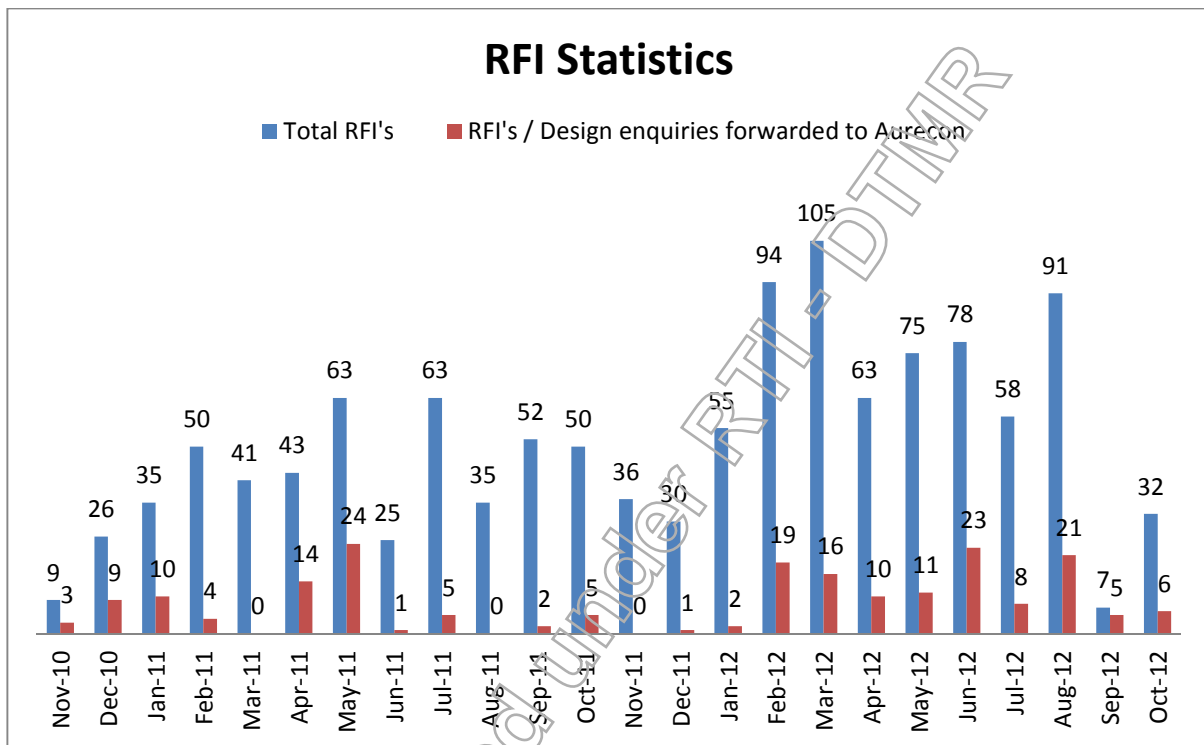
Only defects works remain for Telstra, gas, Energex and other telecommunication providers. Refuse Sch.4
Refuse Sch.4 P2 remains in close communication with these service authorities.

6. DESIGN ISSUES AND REQUESTS FOR INFORMATION

During October six (6) IFC drawings, zero (0) IFC sketch and zero (0) 12-D Models were received and issued to the Contractor. This number is significantly less than the previous month and few more are expected.

There have been 31 RFIs submitted by Baulderstone during October, being an increase from the previous month and predominately relating to property works.

Of the 31 RFIs submitted for the month, SMEC, 6 were forwarded to Aurecon for design input and only 8 remain outstanding at the end of the month. These are all being processed by the current SMEC team on site.



Productive relationships with Aurecon are currently reflected in the quick turn round on Design RFI's, mostly being clarification of property scope. This is assisted by the design meeting, which is being held infrequently as required.

Part Refuse Sch.4 Part has continuing to work with GCRT and the Community Team to meet with property owners as required.

Gold Coast City Council has requested the provision of bin slabs to properties not previously identified. This is additional scope. Use Sch has been working through options for these slabs and attending meetings with property owners to gain approval, from which the details with GCCC will be confirmed.

7. COMMUNITY LIAISON AND COMMUNICATIONS

The Communications team of Part Refuse Sch.4 Part 4 s.6 are performing well. October has been a challenging the community and property owners becoming increasingly frustrated with slow progress. Co-ordination protocols with the GoldlinQ Communications team have been confirmed. Further information on distinct stakeholder events and complaints are contained in the Contractor's monthly report and are not repeated in this report.

8. SMEC CONTRACT ADMINISTRATION TEAM

The SMEC team has generally maintained good relations with the Contractor's and the Principal's staff, though there has been frustration with slow progress in the field. The collaborative culture with open honest communication is assisting in resolving issues as they arise. The co-location of teams in the same office space helps to maintain good relationships in an often strained construction environment. When issues, or potential issues, are raised by SMEC they are taken seriously and generally acted upon.

SMEC is regularly reviewing the contract administration team required to efficiently complete the project. There are no changes during October.

The SMEC team have had a significant involvement in assisting Baulderstone to prepare the as-constructed drawings, reviewing lots and reviewing defect and omission registers. Delays have the finishing works programmed at least into January, if not longer. The remaining SMEC site team are expected to continue on site into November and taper down afterwards. This will continue to be monitored and will be dependent on how the remainder of the project will be delivered and if SMEC is required. The allowance for finalisation covers inspections during the defects liability period, completion of reports and finalisation meetings. This is included in the forecast a total hours figure.

Not Relevant

A revised forecast has been produced and a submission made to extend the purchase order (refer September Report). This revision is primarily due to the extension of the program and the additional work required for the management of property works. Note that costs are based on actual hours worked.

9. VALUE-ADDING BY SMEC AND KPI

GCRT have adopted a Good to Great Performance Management Framework. Whilst not part of the initial brief, SMEC has agreed with GCRT to actively work within this framework to achieve the Key Result Areas (KRAs) identified. The three KRAs are:

- A. Develop and maintain positive relations, in collaboration with the main contractor, with property owners adjacent to the works
- B. Technical Issues Management (time related)
- C. Maintain the commercial integrity of both the CA's contract with the State, but also the Contractors Agreement with the State.

A series of Key Performance Indicators (KPIs) have been adopted to measure performance against the KRAs. SMEC are then subjectively measured against these KPIs by a survey of selected GCRT staff, which is in turn summarised. SMEC will use the comments received from the survey to improve performance. A further action plan was developed in February to improve the

scored performance. A presentation and workshop was held in March to discuss and confirm the elements in the action plan. The result has been an improvement in the scores and comments received on SMECs performance, with positive comments received from GCRT. No scores and comments have now been received for some months.

SMECs commitment in exceeding the KPI measures has been shown in the previous monthly reports. The actions to achieve performance during August are similar in nature those provided previously and are thus not included. A detailed summary can be provided if required.

Released under RTI - DTMR



Contract Administrator's Monthly Report

Gold Coast Rapid Transit

Early Enabling Works

Road Works South

NOVEMBER, 2012

Project Name:	Gold Coast Rapid Transit - Broadbeach Roadworks
Project Number:	3003565
Report for:	Gold Coast Rapid Transit

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1. INTRODUCTION

The renegotiation of the commercial model was signed on the 24 July 2012. This has changed the commercial aspects of the contract from schedule of rates contract to a cost plus basis. Implementation Procedures have been issued to provide further clarification.

2. PROGRAM & PROGRESS

Like the previous months, work during early November was sporadic, but improved access was obtained later in the month and construction gained momentum. Boulderstone have achieved good results, particularly with driveways and footpaths despite late notification of additional lane closures by MacDow.

Not Relevant

Boulderstone have also been preparing and submitting documentation required by MacDow for permission to access the site. This includes Work Packs, JSEAs, TCPs, etc. A number of these have required re-submission, and whilst some are due to new requirements by MacDow, others are due to mistakes or incomplete documents submitted by Boulderstone. Despite undertakings to review these documents quickly, many are taking some weeks to be approved. Additionally MacDow are often installing lane closures at late notice after advising that none were planned. This in combination with there being no MacDow program available, is making it difficult for Boulderstone to plan and complete their work. Weekly co-ordination meetings with representatives from Boulderstone, MacDow and SMEC have continued. Boulderstone have developed a good relationship with the MacDow construction superintendent. This is assisting in managing some of the above issues.

As part of the renegotiated financial model, all defects and omissions were to be completed by 31 October. Due to the ongoing delays in gaining access to the site, further negotiations are required to review this arrangement. An Extension of Time claim has been submitted, assessed by the Contract Administrator and a recommendation made to the PLG. Under the Revised Commercial Model it is the PLG that approve all EoT. The PLG have not met to consider the extension. Property works, footpath works and the rectification of defects were not completed by this date.

Practical Completion for the Separable Portions completed to date are:

- Separable Portion 1, Club Surfers – 31 March 2011.
- Separable Portion 2, Southern Works – 8 June 2012 (St Kilda Ave to Australia Ave)
- Separable Portion 3, South of Australia Ave – 31 March 2012.
- Remaining Separable Portion, Northern Works – 31 August 2012.

- Revised Commercial Agreement (kerb to kerb) “Practical Completion” – 27 August 2012

GoldlinQ took possession of the site from St Kilda Ave to the southern limit of works on 25 June 2012. The site north of St Kilda Ave was prepared for GoldlinQ to take possession on the 1 September 2012. It is believed that GoldlinQ accepted possession on Monday 3 September.

There was no time lost due to wet weather in November.

3. FINANCIAL

Not Relevant

4. CONTRACTOR MANAGEMENT

4.1 Traffic management

Traffic management plans are being submitted to MacDow as Principal Contractor for approval. Baulderstone have no permanent traffic management in place. Work during November has involved some short term lane closures.

4.2 Quality Management

NCRs to Date	NCRs Previous Month	NCRs This Month	Monthly Trend	Comments
440	23	25	similar	A number of NCRs recorded in November is similar to the previous month. This is associated with Baulderstone assessing and closing a number of lots. The vast majority are minor in nature, relating to minor specified tolerance non-conformances. These require either no or minimal rework.

Baulderstone are assessing and closing numerous work lots. Many of these relate to work that was completed some time ago. SMEC are reviewing these and returning a number with incomplete or missing information. SMEC processed in the order of 450 lots during November.

Defects and omissions lists for the Southern and Northern sections are being regularly reviewed and many of the items are closed. The major contributor to the incomplete items is the delay by MacDow in approving the associated "Workpacks" required to access site.

The as-constructed marked-up drawings are with Aurecon for Autocad drafting.

4.3 Safety Management

The project has achieved over 650,000 construction hours worked without lost time injury. There were zero incidents reported for the month.

During November additional sub-contractors, required for the defects and omissions work, obtained a MacDow site induction.

The identified safety issue associated with the two phase pedestrian crossing at Remembrance Drive has been rectified with a new eptom installed to have this crossing as a single phase until the full intersection is completed by GoldlinQ.

During December the handrails at Duty Free, Mantra, Darcy Arms, New Mexico and Cascade Gardens are due to be installed. This will remove the need for temporary fencing.

4.4 Corrective Action Requests

No Corrective Action Requests (CARs) have been raised by SMEC during November.

4.5 Environmental management.

An arborist inspected Neddy Harper Park compound in September to confirm the condition of the trees for the handover of the park back to Council. The final report has now been received. Boulderstone are yet to complete the recommended actions.

Concrete saw cutting of two property driveways resulted in concrete slurry being washed into the property sumps. It is possible that during the following heavy rain this was washed into the stormwater system. This is being investigated with a report expected shortly.

4.6 Cultural Heritage.

No issues to report.

5. SERVICE RELOCATIONS

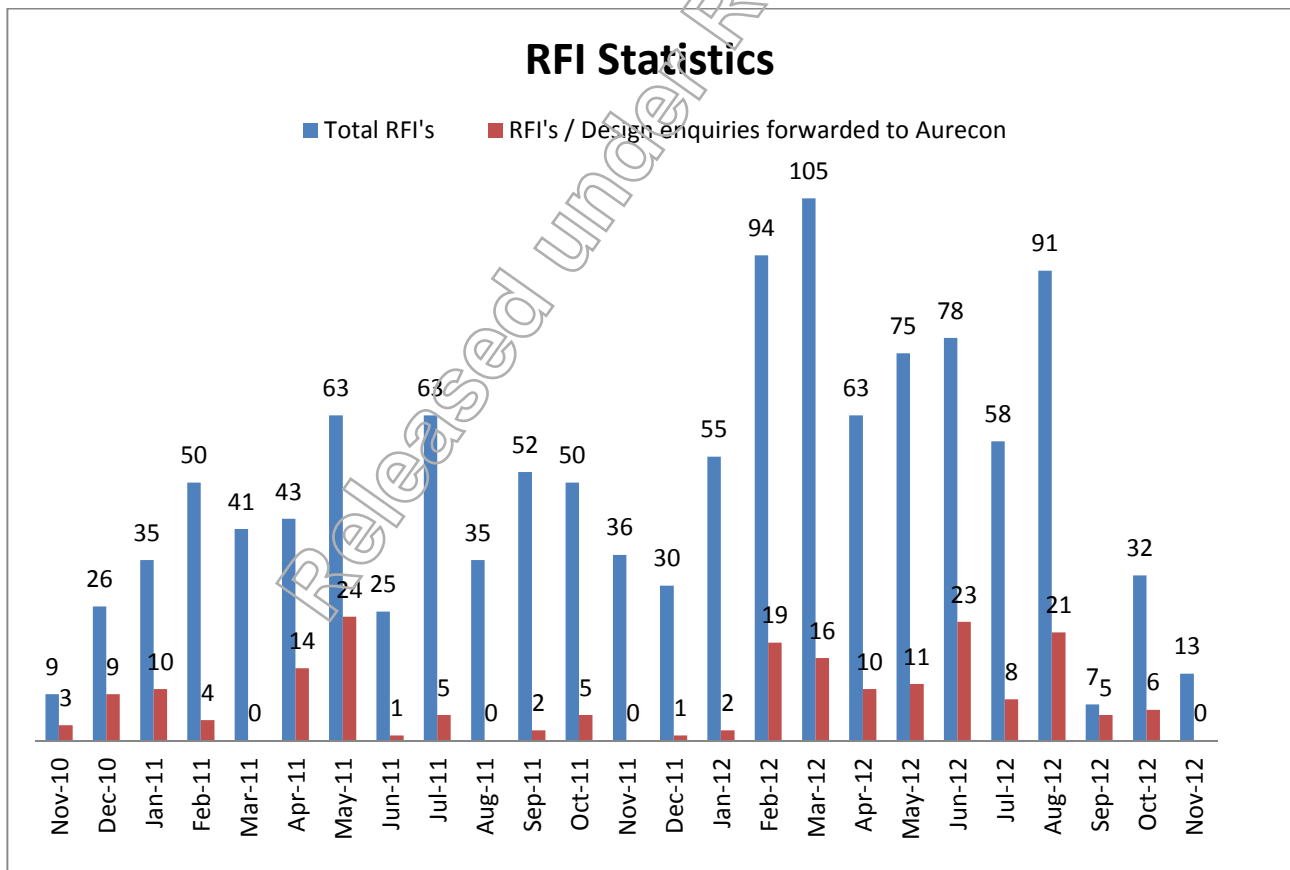
As previously noted, the “observation test” of the 375dia water main north of First Ave was very successful. This significantly reduces the potential need for repairing or relining this main. As a result, the failed section south of First Ave will be tested in two sections to isolate the leaking section. Baulderstone, SMEC and Gold Coast Water produced a Work Pack during November and this was submitted to MacDow for approval to allow work to occur. Approval remains outstanding.

Some defects works remain for Telstra, gas, Energex and other telecommunication providers. Refuse Sch.4 remains in close communication with these service authorities.

6. DESIGN ISSUES AND REQUESTS FOR INFORMATION

During November two (2) IFC drawings, zero (0) IFC sketch and zero (0) 12-D Models were received and issued to the Contractor. This number is significantly less than the previous month and few more are expected.

There have been 13 RFIs submitted by Baulderstone during November, being a decrease from the previous month and predominately relating to property works. These are all being processed by the current SMEC team on site.



SMEC continue to issue Site Instructions to further clarify the detail of the works required and [use Sch. Refuse Sch.4 Part 4] has continuing to work with GCRT and the Community Team to meet with property owners as required.

Gold Coast City Council has requested the provision of bin slabs to properties not previously identified. This is additional scope. [use Sch] has been working through options for these slabs and attending meetings with property owners to gain approval, from which the details with GCCC will be confirmed.

7. COMMUNITY LIAISON AND COMMUNICATIONS

The Communications team of [Part Refuse Sch.4 Part 4] and [Part Refuse Sch.4 Part 4] demobilised in November and were replaced with [Part Refuse Sch.4 Part 4] from SMEC. Whilst remaining frustrated with the time taken to complete the project, property owners are pleased that a number of driveways, footpaths and minor property works have been completed. The remaining properties have been prioritised, with Crowne Plaza, D'Arcy Arms (north section), Mantra and Duty Free expected to be complete by Christmas. Discussions were held with the manager of D'Arcy Arms who preferred that the southern section of works to his property be delayed until the New Year so as not to disrupt trade. Individual complaints, such as the new lighting irritating a resident at Claredon Apartments, are being addressed as they arise.

Further information is contained in the Contractor's monthly report.

8. SMEC CONTRACT ADMINISTRATION TEAM

The SMEC team has generally maintained good relations with the Contractor's and the Principal's staff. Relationships deteriorated somewhat early in the month, associated with the frustration of the slow progress. There was a noticeable decline in site morale during the demobilisation period. However, with good progress later in the month relationships are again restored. The collaborative culture with open honest communication is assisting in resolving issues as they arise. The co-location of teams in the same office space helps to maintain good relationships in an often strained construction environment. When issues, or potential issues, are raised by SMEC they are taken seriously and the issues are usually promptly acted upon.

SMEC is regularly reviewing the contract administration team required to efficiently complete the project. During November, at the request of GCRT, [Sch.4 Part 4 s.6 Pers] joined the team as the site Stakeholder and Community Engagement Officer. There have been a considerable number of quality lots requiring closure. It is expected that these will be closed by Christmas. As such, it is planned that [Part Refuse Sch.4 Part 4] will demobilise on the 21st December. The remaining team will be reduced as the project is completed and will be dependent on how the remainder of the works will be delivered and if SMEC is required.

In addition, SMEC completed the design of the proposed U-turn facility at Via Roma. After comments were received from GCCC the design was finalised during December.

The SMEC team have had a significant involvement in assisting Baulderstone in reviewing quality lots and defect and omission registers. Delays have the finishing works programmed at least into

the first quarter of 2013, if not longer. The allowance for finalisation includes inspections during the defects liability period, completion of reports and finalisation meetings. This is included in the forecast a total hours figure. Not Relevant

GST). A revised forecast has been produced and a submission made to extend the purchase order (refer September Report). This revision is primarily due to the extension of the program, additional work required for the management of property works, design of the Via Roma U-turn and the engagement of the Road Safety Auditor. Note that costs are based on actual hours worked.

9. VALUE-ADDING BY SMEC AND KPI

SMECs commitment in exceeding the KPI measures has been shown in the previous monthly reports. The actions to achieve performance during November are similar in nature to those provided previously and are thus not included. A detailed summary can be provided if required.

Released under RTI - DTMP



Contract Administrator's Monthly Report

Gold Coast Rapid Transit

Early Enabling Works

Road Works South

Released under RTI - DTMR

DECEMBER, 2012 / JANUARY, 2013

Project Name:	Gold Coast Rapid Transit - Broadbeach Roadworks
Project Number:	3003565
Report for:	Gold Coast Rapid Transit

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1. INTRODUCTION

The renegotiation of the commercial model was signed on the 24 July 2012. This has changed the commercial aspects of the contract from schedule of rates contract to a cost plus basis. Implementation Procedures have been issued to provide further clarification.

2. PROGRAM & PROGRESS

Construction momentum was regained in late November and continued through December until the Christmas break with good results being achieved. The site was tidy and made safe for the Christmas break. The New Year commenced with a "soft start" on Monday 7 January and momentum was quickly re-established, again with good results. Some difficulties have remained in accessing site, with MacDow implementing traffic lane closures at late notice. These have been generally overcome with the good relationships built with MacDow in the field and have lessened over time. All the property and footpath works programmed for December and January were achieved, along with some additional areas. Defect rectification work was delayed due to reluctance from MacDow to approve the Work-packs. This was partly resolved in late December with a number of Work-packs approved. Good progress on rectifying defects has been achieved, though there remains numerous to be addressed.

Part Refuse Sch.4 Part 4 s.6 Personal information

Boulderstone have continued preparing and submitting documentation required by MacDow for permission to access the site. This includes Work Packs, JSEAs, TCPs, etc. A number of these have required re-submission, and whilst some are due to new requirements by MacDow, others are due to mistakes or incomplete documents submitted by Boulderstone. Despite undertakings to review these documents quickly, many are taking some weeks to be approved. MacDow are still installing lane closures at late notice after advising that none were planned, though the impact of this has decreased. No MacDow program has been provided. Weekly co-ordination meetings with representatives from Boulderstone, MacDow and SMEC have continued. Boulderstone have developed a good relationship with the MacDow construction superintendent. This is assisting in managing some of the above issues, and whilst some delays have resulted, they have been minimised.

As part of the renegotiated financial model, all defects and omissions were originally to be completed by 31 October. An Extension of Time claim was submitted, due to ongoing delays in accessing the site. This was assessed by the Contract Administrator and a recommendation made to the PLG. Under the Revised Commercial Model it is the PLG that approve all EoT. Subsequently another EOT claim has been submitted. While no formal EOT has been awarded, it is understood by all parties that the Contractor is to continue with works on a cost plus arrangement, until further notice.

Practical Completion dates for the works already completed were:

- Separable Portion 1, Club Surfers – 31 March 2011.
- Separable Portion 2, Southern Works – 8 June 2012 (St Kilda Ave to Australia Ave)
- Separable Portion 3, South of Australia Ave – 31 March 2012.
- Remaining Separable Portion, Northern Works – 31 August 2012.

- Revised Commercial Agreement (kerb to kerb) “Practical Completion” – 27 August 2012

GoldlinQ took possession of the site from St Kilda Ave to the southern limit of works on 25 June 2012. The site north of St Kilda Ave was prepared for GoldlinQ to take possession on the 1 September 2012. It is believed that GoldlinQ accepted possession on Monday 3 September.

There has been wet weather delay in December and January due to showers and some heavy rain. These delays have not caused delays in the programme. The severe weather caused by ex-tropical cyclone Oswald on 26-28 January caused little damage, apart from fencing on the Fern St compound and at New Mexico property requiring replacement / rectification.

Team morale on site remains positive with the good momentum and progress. There remains uncertainty with the ongoing contractual arrangement unresolved, though this is not affecting progress.

3. FINANCIAL

Not Relevant

4. CONTRACTOR MANAGEMENT

4.1 Traffic management

Traffic management plans are being submitted to MacDow as Principal Contractor for approval. Boulderstone have no permanent traffic management in place. Work during December and January has involved some short term lane closures.

4.2 Quality Management

NCRs to Date	NCRs Previous Month (Nov)	NCRs This Month (Dec / Jan)	Monthly Trend	Comments
451	25	11	less	As expected the number of NCRs has reduced significantly, with many associated with Boulderstone assessing and closing quality lots. The vast majority are minor in nature, relating to minor specified tolerance non-conformances. These require either no or minimal rework.

Boulderstone are assessing and closing numerous work lots. Many of these relate to work that was completed some time ago. SMEC are reviewing these and returning a number with incomplete or missing information. There were no lots to be processed during December / January. It is estimated that approximately 25 remaining lots will be submitted in February.

Defects and omissions registers for the Southern and Northern sections are being regularly reviewed and many of the items are closed. The major contributor to the incomplete items is the delay by MacDow in approving the associated "Workpacks" required to access site. In December a few of these Work-packs were approved and a number of defects have been rectified and signed-off.

The as-constructed marked-up drawings are with Aurecon for Autocad drafting.

4.3 Safety Management

The project has achieved over 650,000 construction hours worked without lost time injury. There were zero incidents reported for the December / January period.

Most sub-contractors required for the defects and omissions work have now obtained a MacDow site induction.

Prior to the Christmas break the handrails at Duty Free, Mantra, Darcy Arms, New Mexico and Cascade Gardens were installed, allowing the temporary fencing to be removed for the holiday period.

During the rain event caused by ex-tropical cyclone Oswald, stormwater access manhole 2/4H was displaced in the northbound slow lane north of Cannes Ave (adjacent to the Pinnacle Apartments). GCCC maintenance made temporary repairs to reopen this lane to traffic. Boulderstone were not advised until after the event. Boulderstone report that they were in the process raising the manhole, with cold mix asphalt used as a temporary pavement repair until the permanent asphalt could be placed, when the weather event occurred. The manhole has been rectified and the final hot mix asphalt is expected shortly.

4.4 Corrective Action Requests

No Corrective Action Requests (CARs) have been raised by SMEC during the December / January period.

4.5 Environmental management.

An arborist inspected Neddy Harper Park compound in September to confirm the condition of the trees for the handover of the park back to Council. The final report has now been received. Boulderstone are waiting for MacDow to approve the work-pack so that the works can be completed.

4.6 Cultural Heritage.

No issues to report.

5. SERVICE RELOCATIONS

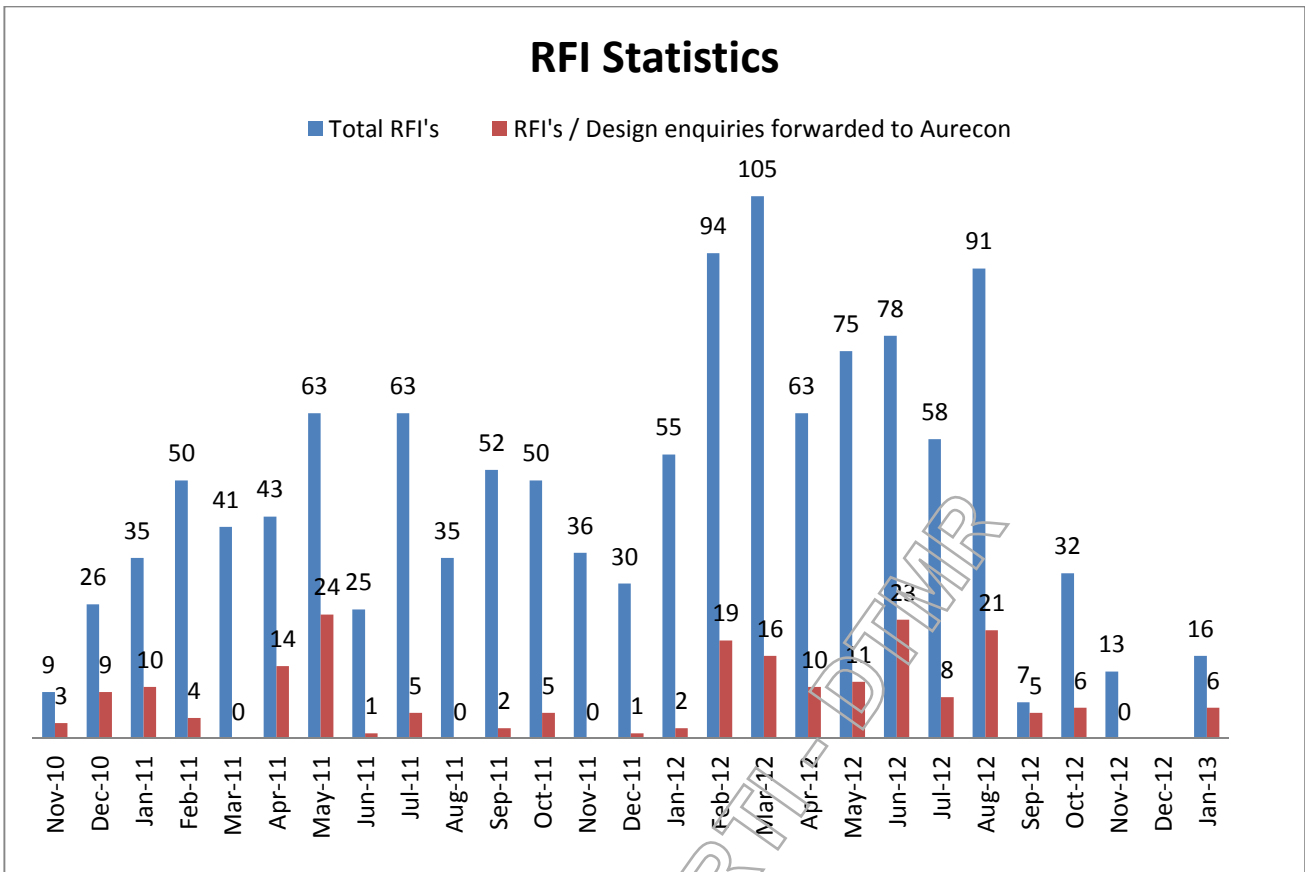
As previously noted, the “observation test” of the 375dia water main north of First Ave was very successful. A further 285m section from First Avenue to Sushi Train (north of Armrick Avenue) successfully passed on the 15 January. This again significantly reduces the potential need for repairing or relining this main. The section between Fern St and Sushi Train is now ready to be chlorinated and recommissioned. The work-pack is with MacDow for approval. As a result, the failed section south of Sushi Train First Ave will be tested in two sections to isolate the leaking section. This requires a new valve to be inserted. Planning for this is ongoing.

Some defects works remain for Telstra, gas, Energex and other telecommunication providers. fuse Sch.
Refuse Sch.4 F remains in close communication with these service authorities.

6. DESIGN ISSUES AND REQUESTS FOR INFORMATION

During December / January eighteen (18) IFC drawings, zero (0) IFC sketches and zero (0) 12-D Models were received and issued to the Contractor. Most of these relate to clarification of property works and bin slabs.

There have been 16 RFIs submitted by Boulderstone during December / January, being a decrease from the previous month and predominately relating to property works. These are being predominantly processed by the current SMEC team on site, with Aurecon being involved as required.



SMEC continue to issue Site Instructions to further clarify the detail of the works required and use Sch. 4 Part 4 s.6 has continuing to work with GCRT and the Community Team to meet with property owners as required.

Late in 2012 Gold Coast City Council requested the provision of additional bin slabs to properties not previously identified. use Sch. 4 has been working through options for these slabs and attending meetings with property owners. All the designs are now agreed with the property owners.

7. COMMUNITY LIAISON AND COMMUNICATIONS

Part Refuse Sch.4 Part 4 as been liaising closely with property owners impacted by the works, particularly with the current property works. In general property owners are positive about the progress of driveways, footpaths and minor property works. In particular, Crowne Plaza, D'Arcy Arms (north section), Mantra and Duty Free were completed as programmed by Christmas. Discussions were held with the manager of D'Arcy Arms who preferred that the southern section of works to his property be delayed until the New Year so as not to disrupt trade. In January, D'Arcy Arms, Shell, Ipanema, Florida Driveway and Club Surfers have substantial completion. Individual complaints are being addressed as they arise.

Further information is contained in the Contractor's monthly report.

8. SMEC CONTRACT ADMINISTRATION TEAM

With continued good progress on site and few issues over the December / January period, the SMEC team have maintained good relations with the Contractor's and the Principal's staff. The collaborative culture with open honest communication is assisting in resolving any minor issues as they arise. The co-location of teams in the same office space helps to maintain good relationships in an often strained construction environment. When issues, or potential issues, are raised by SMEC they are taken seriously and the issues are usually promptly acted upon. All teams are firmly focused on completing the works and demobilising. The SMEC team have had a significant involvement in assisting Boulderstone in reviewing quality lots and defect and omission registers, along with completing the property works and omissions.

SMEC is regularly reviewing the contract administration team required to efficiently complete the project. [Part Refuse Sch.4 Part 4] the Stakeholder and Community Engagement Officer, has been required most of December and January. She will be reducing to three days per week in February, but will be available for additional work if required. There have been a considerable number of quality lots and defects resolved during the period. This has necessitated that [Part Refuse Sch.4 Part 4] remaining on site, with [Refuse Sch.4 Part 4] taking extended leave.

Based on the current program, demobilisation it is expected as follows:

- [Part Refuse Sch.4 Part 4] will commence transitioning off the project during February. It is proposed that he will become the Superintendent in March, replacing [Part Refuse Sch.4 Part 4 s.6 Pers Part 4] will remain available to support the project as required.
- [Part Refuse Sch.4 Part 4] returns from leave at the end of February. It is proposed that he will become the Superintendent's Representative in March to complete the project.
- [Part Refuse Sch.4 Part 4] is expecting to demobilise in late March and be available for inspections afterwards if required.
- [Part Refuse Sch.4 Part 4] will demobilise at the end of February.
- [Part Refuse Sch.4 Part 4] will reduce to three days per week in February and then on an "as-needed" basis after that. It is expected that [Part Refuse Sch.4 Part 4 s.6 Personal info] during the Armrick Avenue works programmed for March.

Not Relevant

9. VALUE-ADDING BY SMEC AND KPI

SMECs commitment in exceeding the KPI measures has been shown in the previous monthly reports. The actions to achieve performance during November are similar in nature to those provided previously and are thus not included. A detailed summary can be provided if required.



Contract Administrator's Monthly Report

Gold Coast Rapid Transit

Early Enabling Works

Road Works South

JANUARY, 2011

Project Name:	Gold Coast Rapid Transit - Broadbeach Roadworks
Project Number:	3003565
Report for:	Gold Coast Rapid Transit

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Released under RTI - DTMR

1. PROGRAM & PROGRESS

The Revision 7 program remains the current program. It includes 232 days extension of time and shows Contract completion dates of 15 March in the South and 13 June 2012 in the North.

However, further delays have occurred to the project since mid-December, when the Rev 7 program was submitted. There were some significant rain events during January and 5.5 days were lost to wet weather. The Australia Day Public Holiday also occurred during the month. Due to delays on site and with the design and ongoing discovery of unknown services, further iterations of the program have been undertaken. Additional detail has been included to provide critical inputs by design and other Authorities. The program has been subsequently refined and updated, and submitted in draft form (Rev 8) at the end of the month. It is showing the following Dates for Practical Completion:

- Southern section (Separable Portion 2) on 13 June
- Northern section (balance of works) 10 September 2012.

A corresponding extension of time claim will need to be submitted by the Contractor. A full copy of the Rev 8 program is shown in the Contractor's monthly report.

Potential risks to the program for the project are ongoing scope increases, especially water and sewer main relocations. For the North, the scope increase includes significant changes to drainage, pavements, street lighting and accommodation works. There is a site-wide concern that possible stakeholder issues may negatively impact progress, particularly in regard to nightworks.

2. FINANCIAL

Not Relevant

3. CONTRACTOR MANAGEMENT

3.1 Traffic management

Current TMLG approved traffic management plans and traffic guidance schemes are functioning well with few issues raised. Regular audits are completed by the CA team to ensure that compliance with currently approved schemes is being maintained.

3.2 Quality Management

NCR to Date	NCR Last Month	NCR This Month	Monthly Trend	Comments
195	21	53	increase	There has been a significant increase in NCRs this month. The vast majority are minor in nature, relating to minor specified tolerance non-conformances. These require either no rework or minimal rework.

The increase in NCRs during this month is being monitored. Due to the constrained nature of the Works, minor tolerance non-conformances are being accepted in the context of the outcomes required by the specifications.

3.3 Safety Management

The project is currently reporting in excess of 287,000 hours worked without lost time injury, and more significantly considering the type of work being undertaken there have been only 2 medical treatment injuries since award of contract. There were 8 incidents reported for the month, with 2 requiring first aid treatment.

3.4 Environmental management.

There are no issues to report, despite the heavy rain in January. The site environmental controls met expectations during these events.

3.5 Cultural Heritage.

No issues to report.

4. SERVICE RELOCATIONS

Constant and ongoing issues with Allconnex water and sewer works on site are affecting the progress of the project as follows:

1. The scope of relocations is not fully determined.
2. The design of relocations is not complete, though is approaching substantial completion. Weekly meetings with GCRT, Boulderstone, Aurecon and SMEC are continuing to discuss and prioritise the designs required to maintain construction progress.
3. The Allconnex endorsement of design is not complete.
4. The Allconnex interface on site is showing improvements during January. Assistance from the PLG has improved management of Allconnex interface issues. In particular, the input and decisions provided by Refuse Sch.4 P. on site is greatly assisting resolving issues at the appropriate level.
5. A weekly Allconnex interface meeting and weekly cut-over meeting is held with attendance from GCRT, Boulderstone, Allconnex and SMEC to discuss and resolve issues and program. It also provides regular communication with Allconnex and assists with building confidence that the project is meeting requirements.
6. Allconnex are requiring detailed Work Method Statements for both general works and cut-overs. The detail required and the level of review is requiring numerous iterations before agreement. Boulderstone have employed a specialist engineer to address this requirement.
7. Allconnex are observing isolated quality concerns and damage to their infrastructure on site resulting in their perception of overall poor quality affecting their network.
8. A recent development, with high potential to delay the project, is the Allconnex requirement to test sections of existing main that will be connected on either side by new sections of new work.

Energex are continuing with hauling cables, cutting over supply and removal of overhead asset in the Northern Zone. This has been delayed due to the wet weather. Energex have requested assistance of Boulderstone resources to complete some of their works, resulting in some delays to programmed (non-critical) activities. There remain three Energex pits to complete. It is expected that these will be complete in February.

Telstra are continuing to work progressively through their cable relocation and jointing works. There remains one Telstra pit to complete.

5. DESIGN ISSUES AND REQUESTS FOR INFORMATION

There have been 54 RFIs submitted by Boulderstone during January, of which 16 are still being addressed. One Design Review Request was raised by SMEC in late January and is still being addressed by the designer. Productive relationships with Aurecon are currently reflected in the quick turn round on Design RFI's and DRR's. This is assisted by the weekly design meeting.

There is still an outstanding requirement for Aurecon to compile all issued drawing/sketches into a final construction issued set of drawings to enable Boulderstone and SMEC to complete the as constructed data for the project.

6. COMMUNITY LIAISON AND COMMUNICATIONS

Complaints Summary

	To Date	Last Month	This Month	Trend	
Stakeholders Complaining	185	33	41	↓	
Conman Issue	DSE to Date	DSE Last Month	DSE This Month	Trend	Comments
Noise	40	8	4	↑	
General Traffic Management	39	8	1	↑	
Night works	24	6	2	↑	
Access	32	3	6	↓	
Bus Stops	22	3		↑	
Outside project scope	3	3		↑	Not relevant to this project
Out of Hours Noise	14			→	
Water	13	1	4	↓	PUP related issue
Parking	19	6	3	↑	Not relevant to the contract
Landscape/Urban Design	14	1	5	↓	
Dust	11			→	
Timeframes	12	1	4	↓	
General Construction Enquiry / update	11		1	↓	
Worker Behaviour	12	3	1	↑	
Property Damage	17	4	7	↓	
Telstra	5			→	PUP related issue
Loss of business / compensation request	6		1	↓	Not relevant to the contract
Energex	7	1		↑	PUP related issue
Vehicle	14		8	↓	
Environment	6			→	
Fencing	5		1	↓	
Vibration	6			→	
Construction	5	3	1	↑	
Road surface quality	12	3	7	↓	
Flora/Fauna	4	2	1	↑	
Signage	3	1	1	→	
Fencing	4	1	1	→	
Pedestrian	4		1	↓	
Content	3			→	Not relevant to this contract
Distribution	5		1	↓	Not relevant to this contract
Safety	4			→	
Design issues	4			→	Not relevant to this contract
Other	2			→	
Signage	2			→	
Footpaths	5	1	3	↓	
Security	2			→	
Waste Management	1			→	
Street lighting	1			→	
Bicycle	1			→	
Road closure				→	
Driveway works/access	1	1		↑	
Thank you/compliment	1			→	Not a complaint issue
Structural	4		3	↓	
Landscaping	3		3	↓	
Sewer	2		1	↓	
Nightworks Update	3		1	↓	Not a complaint issue
Electrical	3		2	↓	
Total Distinct Issues	411	60	74	↓	

DSE - Distinct Stakeholder Events

There was a 20% increase from December (36) to January (33) in stakeholder contacts; with an associated 19% increase in distinct issues raised. Significantly, there was a 50% decrease in the number of noise issues raised and a 67% decrease in the number of issues raised about out of hour's noise/night works. The shutdown period and soft start in January will have affected these results.

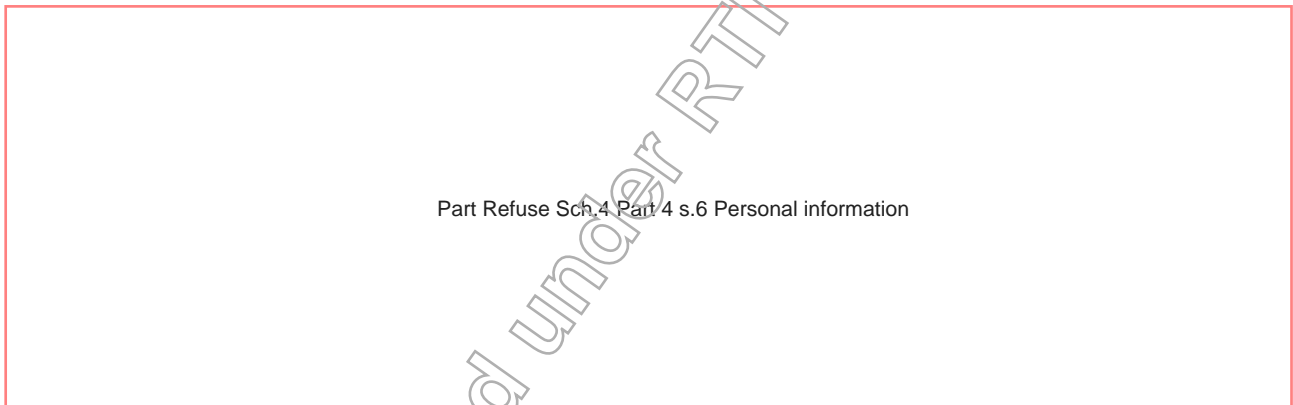
Boulderstone are still committed to contacting affected stakeholders both before and after nightworks to discuss impacts. In general, it is considered that Boulderstone is making a very good effort to manage stakeholder interests and concerns.

During the month, SMEC facilitated a joint meeting with Boulderstone and the State to review the Contractor's Communications Plan against the State's Project Scope & Requirements (PSR). It was found that the Contractor was not completing its own assessment of Communications performance against established KPIs, as required by the Contract. The reason for this was that the tools for measuring this performance are not presently available within the State's communications database (ConMan). The State's Place Manager has taken steps to address the issue, which should enable more detailed reporting to be provided next month. It is fairly clear however, that Boulderstone are meeting the contract requirements for provision of notice and responding to complaints.

During January, the State has maintained a part time Place Manager to liaise with Boulderstone's Communications Officer, and a part time Comms specialist to assist with preparation of Comms material. The Contractor is presently looking at mobilising an additional resource, to better manage interaction with property owners for property adjustments.

7. SMEC CONTRACT ADMINISTRATION TEAM

During January significant changes to the SMEC Contract Administration team occurred as follows:



As discussed in section 2, SMEC are unable to process the volume of variations submitted in a timely manner. Even with se Sch.4 Part 4 s.6 Perso now solely assessing variations, it is forecast that it will take months to process the current backlog. Additional resources will be required to clear this backlog.

8. VALUE-ADDING BY SMEC

This section is included at the request of the Principal, to demonstrate areas where SMEC has 'value-added' for the project last month:

- a. On-going liaison with property owners to agree reinstatement measures prior to the works being carried out. These are interface works which have not been included in the design, but are necessary as a result of PUP relocations and/or changing of ground levels at their property boundary. Aurecon are detailing the design of accommodation works at the larger properties such as Crowne Plaza. For numerous "smaller" properties, these are being dealt with by SMEC/BPL, on a continual basis, example in January include:

- Old Saffron Building – changes to extent of driveways
- Sapporo – footpath and drainage issues

- Changmai Thai –driveway construction issues
- No 2932 – gateway access issue
- MEC Café – rehabilitation works
- First Ave private property – liaison with Aurecon regarding various design issues

All works are discussed and agreed with property owners on site by [Refuse Sch.4 Part 4 s.6] (SMEC), [Refuse Sch.4 Part 4 s.6] (BPL) & [Refuse Sch.4 Part 4 s.6] (BPL), with limited input from GCRT.

The above initiatives have led to numerous time savings from not having to refer the matter to the designers & waiting for responses. In the case of the Old Saffron Building, discussions with the property owner resulted in deleting the water feature, saving at least \$20,000.

b. Community Liaison:

The SMEC site team are aware of the project impacts on the community and act to maintain good relations with the local community. For example, [Refuse Sch.4 Part 4 s.6] often has informal discussions with property owners to say “hello” and reassure them that measures affecting their property haven’t been forgotten and discussing how the work is going on / at their property and if there are any issues. This culture reduces issues being reported. It is difficult to measure or fully appreciate the positive impact of this work.

SMEC also facilitated a review of the Contractor’s performance against contract requirements during the month. Refer section 6.

c. Assistance with Contractor quality systems:

On-going auditing of processes on site to ensure compliance with the specifications – e.g. pavement preparation prior to sealing, checking of reinforced concrete prior to pours, requesting testing as per contract requirements. This has meant almost full time surveillance of some critical activities, and certainly far greater level of surveillance than would normally be required. It has been required, at least in part, due to BPL engineers spending a disproportionate amount of time in the office on planning & program, rather than on supervision of works [Part Refuse Sch.4 Part 4 s.6] (SMEC), [Refuse Sch.4 Part 4 s.6] (GCRT Grad))

d. Monitoring of Program:

- On-going day to day review of works on site to ensure that focus remains on critical path activities (All Contract Administration Team).
- In-depth analysis on Rev 7 program using SMEC Primavera License.
- Numerous opportunities for speeding up the program have been jointly identified in weekly program meetings with Contractor [Part Refuse Sch.4 Part 4 s.6] (SMEC)) e.g. lining of sewer undertaken to help offset delays with Allconnex bypass pumping – near Britannia Ave.

e. Resolution of technical issues on site:

- On-going resolution of design issues on site, particularly Allconnex [Refuse Sch.4 Part 4 s.6] (SMEC)
- Wharf Road – pedestrian access [Sch.4 Part 4 s.6] (SMEC)
- Chelsea Avenue intersection – changes to pavement details [Part Refuse Sch.4 Part 4 s.6] (SMEC)

f. Facilitating meetings with other stakeholders - Allconnex:

SMEC is chairing and minuting the weekly meeting with Allconnex, to improve communications between all parties and to assist the resolution of water and sewer issues.

g. Attendance and input at various project meetings

SMEC is attending and providing input into a number of other meetings that are traditionally not part of a RCC contract. These include: design interface meeting, PLG, fortnightly meetings with GCRT, weekly communication meetings, meetings with Golding, traffic coordination meetings, etc.

- h. The State has included a TMR graduate engineer in the contract administration team. art Refuse Sch.4 Part is provided with support and advice to further his career and has become a valuable member of the team.
- i. To value-add, SMEC provides a graduate engineer in the document controller / administration position on most site projects. This position is invoiced to the project at administration rates. This assists the industry in providing our young designers with construction site exposure and assists the project by having an additional engineer. For this project it has provided the additional benefit of 4 Part 4 s.6 now fully cognisant of the project, able to fulfil night work inspection duties.
- j. SMEC maintain a high level of site surveillance and monitoring of site conditions, particularly as they affect members of the public and stakeholders. Detailed daily surveillance records are maintained, and prompt directions are given to the contractor as required. After the recent heavy rain, and prior to the public holiday, SMEC site staff were very proactive in identifying and making safe footpath potholes, barricading and other safety issues.

Released under RTI - DMR

Pages 139 through 150 redacted for the following reasons:

Not relevant

Released under RTI - DTMR