

## BRIEFING NOTE TO EDD – STATUS OF THE HORSE PARK DRIVE EXTENSION – BURRUMARRA TO MIRRABEI DR

**NB:** The purpose of this briefing note is to provide information to ACT Government (EDD/SSP) relating to the current status of the Horse Park Drive Extension – Burrumarra Ave to Mirrabai Dr Project.

### 1. Works Remaining to be Completed

The following Summary provides a general outline of the currently outstanding construction items left to be completed on the Project:

#### Underground Services

- Installation of RPMs and marker posts for water main valves and hydrants. ACTEW Water are also awaiting the completion of final landscaping around manholes prior to completing the final inspection;
- Connection of water main to existing by ACTEW (already paid by Hewatt).

#### Pavement

- Completion of trunk cycle path surrounding the existing Telstra Pit and to the entrance to Ngunnawal 2C – approx. 75m to be completed including preparation of subgrade, placement of base material, prime and FGG-R asphalt;
- Pavement profile test pits are yet to have been completed (survey information is available to show extent and conformance of pavement construction).

#### Concrete Kerbs, Footpaths and Minor Works

- Completion of concrete footpaths beneath bridge – approx. 40% complete of a total area of 850m<sup>2</sup>;
- Completion of the concrete footpath extension at Whitrod Ave – approx. 40m<sup>2</sup>. Base material has been placed, only concrete pour to be completed.

#### Road Furniture

- Installation of a single vehicle restriction device;
- Installation of 13 dual post cyclist rest rails. It appears a number of these have been supplied to site and post sleeves have already been installed within traffic islands.

#### Incidental Works

- Completion of a small section of stone pitching between the floodway edge and the concrete footpath (approx. 25m<sup>2</sup>);
- Installation of 300m of PD1 pedestrian fencing along the edge of the concrete paths and along the top of the stone pitched batters (two yet to be completed);
- Placement and compaction of decomposed granite gravel surrounding guardrail – approx. 350m<sup>2</sup> to be completed
- Placement of Jute Mesh/Matting at various places across site (approx. 67% complete of approx. 4,500m<sup>2</sup>);
- Demolition and re-construction of the existing Telstra Pit at CH40 (to be completed by Telstra) – ACT Government have raised the potential for these works to be completed by Telstra engaged by ACT Government.

#### Landscaping

- Minor earthworks are required for the construction of the trunk path at Burrumarra Ave;
- The defects list includes trimming levels for swale inverts and around headwalls and plantation sumps;

- Approx. 5,000m<sup>2</sup> of the Project is yet to be topsoiled and approx. 10,000m<sup>2</sup> is yet to be bitumen straw mulched;
- Planting of 267 native plants (eucalypts) and 96 exotic trees (Malus). No tree planting has taken place, however it is believed that the native trees are ready and available to be brought to site.

#### **Road Signs**

- All road signage is yet to be installed. A number of the road sign posts have been installed – however road signage works are effectively 0% complete. Guide signs are believed to have been manufactured ready for installation. Road Sign works include the installation of 64 road signs, including 4 guide signs.
- NB: The road signage works also include installation of treatments for the two road stubs as per approved TTMP.

#### **Pavement Marking**

- Pavement marking works are 0% completed.

#### **Traffic Signals**

- All traffic signal posts have been installed and wiring is believed to be completed;
- The remaining physical works are associated with the Traffic Controller, including:
  - Completion of concrete apron surrounding controller;
  - Installation of MicroConnects modem supplied by Roads ACT;
  - Connection of the controller unit by Telstra (currently planned for Fri 9 May 2014).
- All handover requirements to TaMS are yet to have been completed.

#### **Streetlighting**

- All streetlight poles are complete and wiring to the streetlights and controller box is believed to have been completed;
- SMEC has identified a potential maintenance issue with the location of the streetlights beneath the bridge – these may require relocating;
- All handover requirements to TaMS are yet to have been completed. WAE and asset registers have been sent to TaMS – comments have been received and Hewatt have been requested to revise the WAE drawings.

#### **Bridgeworks**

- Anti-graffiti paint yet to be installed on the bridge abutments and sides of the planks/deck;
- Grouting beneath pedestrian handrailing and steel barrier base plates to be completed.

#### **Defects**

- SMEC has compiled a list of 65 defects of completed works. Hewatt have been in the initial stages of rectifying these defects. Generally, the majority of these defects are relatively minor in their nature. As the yet to be completed works are carried out, the defects list will be updated accordingly.

## 2. Status of Project Timing & Program

Hewatt's anticipated completion of physical works date for HPD2, as of Friday 2 May 2014, was Friday 16 May 2014. Therefore, it was Hewatt's estimate that all of the above works could be completed within two weeks. It should be noted that this was most likely based on the consideration that the Telstra Pit and the supply of the Malus trees may be removed from the Project as a Separable Portion.

It is SMEC's prediction that the above works could be finished within three (3) to four (4) weeks if Hewatt had not ceased work on Wednesday 7 May 2014. This would be to complete all civil works and would be dependent on outcomes of the Telstra Pit issue and other potential defects that may be identified during handover inspections.

It should also be noted that the requirements for Practical Completion of the Project as stated within the contract include:

- Completing all works and rectification of defects identified by the Superintendent and relevant accepting Authorities and Departments;
- Acceptances of the works for handover by the relevant Authorities are received by the Superintendent;
- WAE information is approved by the Superintendent.

It is estimated that achieving all of the contractual requirements for Practical Completion may take a considerable amount of time following the completion of all of the physical works.

### 2.1. Status on the Submission of Quality Records for Completion

Whilst there are countless quality submission requirements as part of the Project, SMEC has provided a summary of the general items that are currently outstanding:

| Activity         | Status of Submission   |
|------------------|--|
| Water & Sewer    | Revised WAE drawings and comments from ACTEW Water received. Hewatt are yet to submit completed Lot Register and ITPs for submission to ACTEW. Bill of Quantities yet to be received.  |
| Stormwater       | WAE drawings and CCTV have been received. Handover requirements yet to be completed. There are a number of quality conformance requirements outstanding.   |
| Conduits         | WAE information yet to be received.  |
| Subsoils         | WAE drawings have been received.   |
| Earthworks       | All conformance requirement Hold Points have been released. Hewatt have hard copies of Lot Register ready for submission.  |
| Pavement         | Asphalt: <ul style="list-style-type: none"> <li>• Ride Quality test completed 8 May 2014, no results received;</li> <li>• A number of Field Sheet results were received 8 May 2014 – SMEC is currently assessing;</li> <li>• WAE for final SMA or FGG pavement outstanding;</li> <li>• Results of core samples still to be received.</li> </ul> Various survey/WAE results are yet to be received. |
| Landscaping      | Supply material conformance information received. WAE drawings and asset register to be completed.   |
| Road Signs       | Material conformance information for supply received. Practically no work has been carried out on-site.  |
| Pavement Marking | Material conformance information for supply received. Practically no work has been carried out on-site.  |



| Activity        | Status of Submission  |
|-----------------|---|
| Traffic Signals | Material conformance information has been received. WAE (and some works) are yet to be completed.       |
| Streetlighting  | WAE are to be revised. All other information ready for submission to TaMS.                              |
| Bridgeworks     | Conformance information received. Hewatt have advised Lot Register and signed ITPs have been completed. |

It would take considerable time for SMEC to complete any incomplete quality records from Hewatt. If this is an option that Hewatt and/or the ACT Government wishes to explore, SMEC can review all of Hewatt's records and provide advice on how long it is expected to take to achieve handover.

### 3. Financial Status

The financial status of the Project has been presented in the tables and sections below:

#### 3.1. Summary of Claimed, Certified and Remaining Amounts

The status of works to have been claimed and certified has been presented in the following table.

The figures presented in items 1, 2 and 3 represent the currently approved Contract Value. This includes the Original Contract Value as per the quantities and amount scheduled in the Bill of Quantities and all currently approved Variation Claims submitted by the Contractor.

Item 7 presents SMEC's estimate of the Final Contract Value. This has been arrived at by considering the Variation Claims that are currently being assessed by SMEC, or are awaiting further information from Hewatt, an estimate of the potential variation claims that would be raised if Hewatt were to complete the works and an estimate of the amount of the scheduled Bill of Quantities that will not be claimed.

This information has been put together to give a guide on the value of the works remaining to be completed. SMEC's rough estimate on the value of the works remaining to be completed is [REDACTED]

It should be noted that this number has been arrived at using the amount claimed by Hewatt for April 2014 (as per Item 9) which will be subject to certification by the Superintendent. SMEC are currently assessing the April 2014 Progress Claim and it is expected that not all the amounts or quantities claimed will be certified for payment. It is also noted that the estimated value of works yet to be completed on the Project are utilising Hewatt's rates under the Bill of Quantities.

1 Original Contract Value including Provisional Sums:

2 Approved Variations:

3 Current Approved Contract Value:

4 Variations Submitted that are yet to be approved

5 Potential Future Variations (SMEC Estimate)

6 SMEC Estimate of Bill of Quantity not required

7 SMEC Estimate Final Total Contract Value

8 Total Value Certified by SMEC (APR '14 CLAIM YET TO BE CERTIFIED):

9 Payment Claim for April 2014 (YET TO BE CERTIFIED)

NB: all amounts are inclusive of GST.

### 3.2. Summary of major items to be completed

The table below gives a summary of the major items that are yet to have been certified for payment. The table also shows the amount claimed for each item within the April 2014 claim. SMEC has also provided an estimate of the amount remaining to be completed / claimed after April 2014. It is noted that the Superintendent is yet to certify the April 2014 claim and it is expected that not all claimed amounts will be certified.

| Horse Park Drive Extension, Burrumarra Avenue to Mirrabell Drive, ACT   Contract no: 2013.20148.110 |  |                                      |                                       |   |   |
|---|--|--------------------------------------|---------------------------------------|---|---|
| Pay Item  | Description of Work                                      | Original Scheduled Amount (excl GST) | Scheduled Amount Remaining (excl GST) | Amount Claimed in April 2014 (excl GST) | SMEC's Estimated Amount Remaining after April 2014 (excl GST) |
| <b>001 PRELIMINARIES</b>  |  |                                      |                                       |   |   |
| 001P6   | Additional Work as Directed by the Superintendent        |                                      | \$                                    |   |   |
| <b>4.0 FLEXIBLE PAVEMENT CONSTRUCTION</b>   |  |                                      |                                       |   |   |
| 403P1.6   | Cycleways  |                                      | \$                                    |   |   |
| 404P1.1   | AMC00  |                                      | \$                                    |   |   |
| 404P1.8   | Quick Dry Prime (QDP)                                    |                                      | \$                                    |   |   |
| 404P2   | Supply and Spray Binder - Class 170 Bitumen              |                                      | \$                                    |   |   |
| 404P8   | SAM (S45R) Seal  |                                      | \$                                    |   |   |
| 404P6.2   | 7mm aggregate (precoated)                                |                                      | \$                                    |   |   |
| 404P6.4   | 14mm aggregate (precoated)                               |                                      | \$                                    |   |   |
| 405P7.12  | SMA-H 14mm Nominal Size                                  |                                      | \$                                    |   |   |
| 405P11.3  | FGG-R  |                                      | \$                                    |   |   |
| <b>6.0 CONCRETE KERBS, FOOTPATHS AND MINOR WORKS</b>  |  |                                      |                                       |   |   |
| 603P2.3   | 150mm Thick Concrete Paving - Traffic Islands            |                                      | \$                                    |   |   |
| <b>8.0 INCIDENTAL WORKS</b>   |  |                                      |                                       |   |   |
| 815P2   | Works by Telstra   |                                      | \$                                    |   |   |
| <b>9.0 LANDSCAPING</b>  |  |                                      |                                       |   |   |
| 906P1   | Grassing   |                                      | \$                                    |   |   |
| 908P1   | Bitumen and Straw Mulching                               |                                      | \$                                    |   |   |
| 909P1.1   | Native Trees 1m Min. spring ring:                        |                                      | \$                                    |   |   |
| 909P1.2   | Exotic Trees 2.5m Min.                                   |                                      | \$                                    |   |   |
| 911P1   | Consolidation  |                                      | \$                                    |   |   |
| <b>10.0 ROAD SIGNS</b>  |  |                                      |                                       |   |   |
| 10  | Road Signs   |                                      | \$                                    |   |   |
| <b>11.0 PAVEMENT MARKING</b>  |  |                                      |                                       |   |   |
| 11  | Pavement Marking   |                                      | \$                                    |   |   |
| <b>VARIATIONS</b>   |  |                                      |                                       |   |   |
| VO.09   | Pricing of Missing Pay Items from the Bill of Quantities |                                      | \$                                    |   |   |
| <b>OTHER BILL OF QUANTITY ITEMS AND VARIATIONS</b>  |  |                                      |                                       |   |   |
| <b>TOTAL ESTIMATED AMOUNT REMAINING (EXCL GST) - LIMITED ACCURACY</b>                               |  |                                      |                                       |   |   |

A Microsoft Excel spreadsheet can be provided if further information is required.

#### 4. Current Issues on the Project

The following provides a brief summary on the issues that are currently faced by the Project.

##### Demolition and reconstruction of the existing Telstra Pit at CH40

**Background:** there is an existing Telstra Pit located at approx. CH40 within the verge on the Ngunnawal side of Horse Park Dr (near Burrumarra Ave). The cover of the pit currently sits approx. 500mm below the design finished surface level (FSL) of the trunk cycle path which is located within 500mm from the side of the pit. The Telstra Pit needs to be raised to match the design FSL. The initial quote provided to Hewatt by Telstra was for a non-ACT IRE Accredited sub-contractor to complete the works.

**Status:** Telstra are currently identifying a suitable IRE certified contractor to complete the works. Telstra sent out a request for tender which closed on the 22<sup>nd</sup> of April 2014. As of 8 May 2014, Telstra have not been able to engage a suitable subcontractor. As the pit is part of Telstra's network, they have been explicit that only Telstra are able to complete the works on the pit.

**SMEC's Recommendation:** given the current situation it would be SMEC's recommendation that ACT Government engage Telstra to complete the works (rather than Hewatt). This will allow planning of the works to continue whilst Hewatt have ceased work. If this is an option, ACT Government would need to liaise with Hewatt to allow Telstra to gain access to the site, as Hewatt are the Principal Contractors.

##### Delays in the supply of the Malus Spectabilis for planting

**Background:** the landscape drawings call up Malus Spectabilis (Crab Apples) to be installed on the corners of each intersection. The landscape designer has advised that the detailing of these trees was required under the Horse Park Drive landscape "master plan". 2014.

**Status:** due to the timing of the completion of the project, the Malus Spectabilis trees are not able to be supplied bare-rooted to site. The supplier has informed Hewatt that the earliest these will be able to be delivered to site is at the end of June.

**SMEC's Recommendation:** SMEC recommends that the planting and consolidation of the Malus Spectabilis be extracted as a Separable Portion. The planting of the trees can be completed when the road has been opened to traffic.

##### The current date for Practical Completion

**Background:** the current date for Practical Completion was on 28 April 2014. The dates for Practical Completion were revised by mutual agreement between ACT Government and Hewatt as part of a proposal by Hewatt to coincide the completion of all separable portions within Horse Park Drive "Stage 2" and the remaining separable portions of Horse Park Drive "Stage 1".

This proposal resulted in the date for Practical Completion of Separable Portion 3 for HPD2 (the last separable portion for the two Horse Park Drive Extension Projects) being brought forward by approx. 3 months. It was the intention that traffic would be able to use the entire length of Horse Park Dr from Amaroo to Casey three months earlier than expected. The proposal also came with a cost saving to the ACT Government of approx. \$1.1 million.

**Status:** given the works remaining to be completed on the Project it is expected that Practical Completion will not be achieved until 1 – 2 months following the current date for Practical Completion. It has been noted by Hewatt, the ACT Government has benefited from the proposal both financially and in delivering the entire Horse Park Drive Extension prior to the original date for PC for SP3.



Hewatt also noted that there have been a number of delays to the Project. Some of these delays (eg. Telstra Pit) may entitle Hewatt to an Extension of Time under Clause 35.5 (b) of AS 2124-1992.

**SMEC's Recommendation:** it is SMEC's recommendation that the Superintendent grant an Extension of Time to extend the date for PC to 6 June 2014 for all separable portions under Clause 35.5.

The EOT will account for delays to the Contractor's program caused by events covered within Clause 35.5 (b) of AS 2124-1992. The most significant of these delays has been the Telstra Pit which has affected critical path activities, including the trunk path. The EOT will be granted on the condition that Hewatt will not be entitled to costs associated with the delay as they did not take all reasonable steps to preclude the occurrence of the cause or minimise the consequences of the delay.

Superintendent's Representative  
Horse Park Drive Extension, Burrumarra Ave – Mirrabei Dr  
SMEC Australia Pty Ltd

E: [@smec.com](mailto:@smec.com) Ph: 7



## Husband, John

---

**From:** Husband, John  
**Sent:** Thursday, 8 May 2014 1:54 PM  
**To:** McGrath, Michael  
**Subject:** FW: HPD2 - Practical Completion, EOTs and Handover  
**Attachments:** 20140430 HPD2 EOT\_Register.pdf

Mike

Attached is the information provided regarding the original PC dates and how they have moved.

**John Husband** | Senior Project Manager

Phone 02 6205 2920 | Fax 02 6207 6621 | Mobile

**Infrastructure and Capital Works** | Economic Development Directorate | **ACT Government**

Level 6, TransACT House, 470 Northbourne Ave, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601 [www.edd.act.gov.au](http://www.edd.act.gov.au)

---

**From:** [mailto: @smec.com]  
**Sent:** Wednesday, 30 April 2014 2:43 PM  
**To:** Hancock, Patrick; Husband, John  
**Cc:** Cargill, James;  
**Subject:** HPD2 - Practical Completion, EOTs and Handover

Pat, John & James,

Following on from discussions yesterday between Pat, James, and myself, below is just a brief summary on the current PC situation for HPD2. The following are just a few general notes on the Project and were discussed yesterday on the topic of enforcing liquidated damages.

The current contractual date for PC for both SP1 & 3 (Civil Works Separable Portions) was on Monday 28 April 2014. As you are aware (and shown within the attached EOT Register), Hewatt and ACT Government mutually agreed to change the contractual dates for PC for the separable portions of HPD2. This was done to allow Hewatt to more efficiently resource both HPD1 and HPD2 to allow the opening of the entire section in the least time possible. For HPD2, SP1 & 2 were given a positive EOT and SP3 & 4 were given a negative EOT. I've included a brief summary below of what the dates for PC would have looked like if this change had not occurred.

|   |   | A                        | B                       | C  | C-B  |
|---|---|--------------------------|-------------------------|--|--|
| SP  | Location  | Original Date for PC*    | Current Date for PC*    | Date for PC if SPs weren't aligned (indicative)* | Current PC date compared to alternative (days) |
| SP1   | Burrumarra Ave to CH600 - Civil works, excluding landscaping. | Tuesday, 3 December 2013 | Monday, 28 April 2014   | Thursday, 13 February 2014                       | -74  |
| SP2   | Burrumarra Ave to CH600 - all landscaping woks.               | Tuesday, 3 June 2014     | Monday, 27 October 2014 | Thursday, 14 August 2014                         | -74  |
| SP3   | CH600 to HPD1 Interface - Civil works, excluding landscaping. | Tuesday, 6 May 2014      | Monday, 28 April 2014   | Tuesday, 15 July 2014                            | 78   |
| SP4   | CH600 to HPD1 Interface - all landscaping woks.               | Tuesday, 4 November 2014 | Monday, 27 October 2014 | Tuesday, 13 January 2015                         | 78   |
| * Date for end of consolidation period shown for SP 2 & 4 |   |                          |                         |  |  |

As you can see from the table, if the Project was completed on Monday, it would have been completed over 2 ½ months before the original completion date (providing access for traffic through HPD). At the moment we are likely looking at a mid to late May 2014 PC, which will still see the entire HPD opened approx. 2 months prior to the original contract date.

= Cost Saving of - by combining Projects.

It is also worth noting that the Contract's definition of "Practical Completion" is quite tight for this project (when compared to past projects) – refer Clause 14.06 of SCC. Under the Contract PC is not simply defined as when the project is "practically complete" (ie. when trafficable), it also requires all defects to be rectified, acceptance by authorities, WAE information and Quality Records submitted in acceptable format. This does make awarding PC a more stringent process for the Superintendent and this is why I believe we will be looking at the end of May or early June 2014 to complete all these items to achieve PC as per the Contract.

That all being said, it was also discussed that generally the contract has been carried out in a very positive fashion and Hewatt have not (as yet anyway) submitted any exuberant claims and have probably "left" a few EOTs and Variations "out there". A few notes on some of the issues we've had and how they have been dealt with:

- Heritage issues with CMP at the start of the Project (could have been resolved during planning/design) – commencement of works was delayed for 12 working days (including the bridge – critical path) and 12 days EOT were granted. Hewatt submitted costs for the delay of only \$100,000. This claim could have been a lot higher.
- Restricted access into Block 814 (should have been resolved during planning/design) – Hewatt could not construct Swale 15 as it was designed within a rural property. Access to the property was only gained on 9 October 2013 (7 ½ months after contract award). Hewatt had to rearrange the program to suit. No costs or EOTs for this issue have been claimed by Hewatt.
- There have been a number of relatively significant design errors associated with the approach to the bridge and the works beneath the bridge in recent months/weeks. Hewatt have only claimed 5 days EOT for a single change beneath the bridge (Hewatt has stated they will not be seeking costs associated with this EOT). There are potentially a number of EOTs that could have (and can still) be claimed here. There have been a number of additions to the design within the last week (including the addition of the path extension at Whitrod Ave). Given the nature of these EOTs, they will likely come with an associated cost.
- Telstra are yet to carry out works on their existing pit at CH40. This is an ongoing issue and will likely be one of the last things to be completed.

- The stone pitching issue is really the only major negative we have had on the Project.

The above is for information and discussion.

Regards,

| Superintendent's Representative  
**SMEC Australia**  
Suite 2, Level 1, 243 Northbourne Avenue, Lyneham, ACT, 2602, Australia  
T | F | M  
[@smec.com](mailto:@smec.com) | [www.smec.com](http://www.smec.com) | [LinkedIn](#)

---

**SMEC SNOWY MOUNTAINS ENGINEERING CORPORATION**

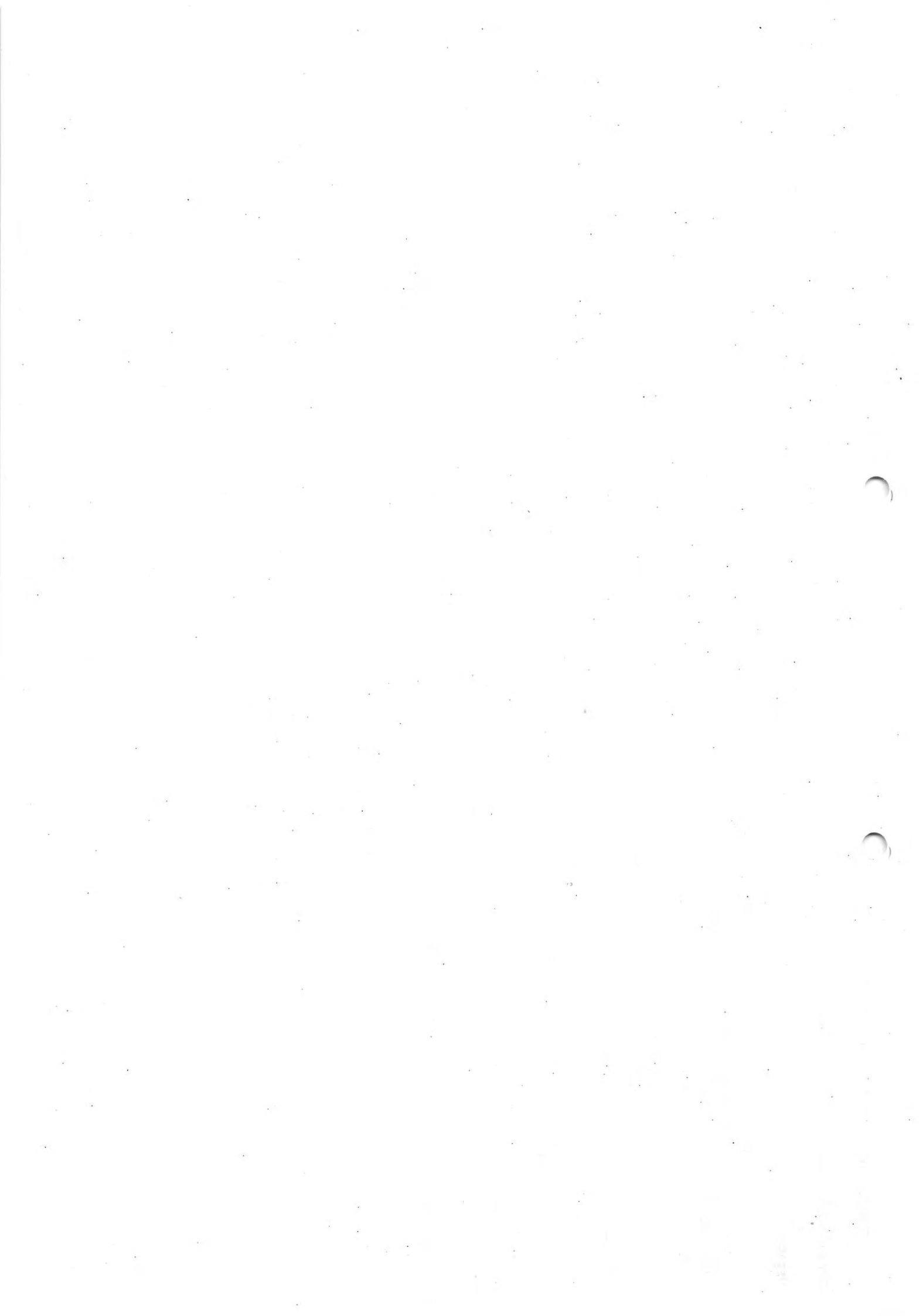
*Local People. Global Experience.*

Disclaimer: The information contained in this e-mail and any attached file is confidential. It is intended solely for the addressee, and may not be used, reproduced, disclosed or distributed without SMEC's permission. SMEC accepts no liability for loss or damage (whether caused by negligence or not) resulting from the use of any attached files.

*Please consider the environment before printing this email.*

---

This e-mail has been scanned for viruses by Symantec.Cloud.



Husband, John

From: [redacted]@smec.com]  
Sent: Wednesday, 7 May 2014 3:29 PM  
To: Husband, John  
Cc: HPDE; Hancock, Patrick;  
Subject: RE: 2014 05 05 HPD2 - Contract Value Remaining

John,

Please see revised table below (with an additional column showing what is expected to be claimed this month for these items). The April 2014 Claim will be around

or:

In terms of site safety and security

- All site fencing remains as per its recent configuration with signage at the Casey and Amaroo entrances.
- During our site inspection we identified that there was no safety fencing/delineation at the top of one of the stone pitched batters (as the subcontractor had left site prior to completing works). This was raised with Hewatt site staff verbally and will shortly be confirmed in an email to
- There are no major open excavations or other major safety hazards that were identified.
- Some Hewatt staff were still on-site packing up when SMEC left the site. The gates at all entrances to the site were going to be closed, secured and locked once all staff had left.

Regards,

| Bill of Quantities   Horse Park Drive Extension, Burumbra Avenue to Mirabel Drive, ACT   Contract no: 2013.20148.110 |   |          |       |                 |                   |                             |   |
|--|---|----------|-------|-----------------|-------------------|-----------------------------|---|
| Pay Item   | Description of Work                               | Quantity | Unit  | Rate (excl GST) | Amount (excl GST) | Amount Remaining (excl GST) | Amount estimated to be claimed in April 2014 (excl GST) |
| <b>001 PRELIMINARIES</b>   |   |          |       |                 |                   |                             |   |
| 001P6  | Additional Work as Directed by the Superintendent | 1        | Item  |                 |                   |                             |   |
| <b>4.0 FLEXIBLE PAVEMENT CONSTRUCTION</b>  |   |          |       |                 |                   |                             |   |
| 403P1.6  | Cyclways  | 850      | m3    |                 |                   |                             |   |
| 404P1.1  | AMCO  | 25,100   | litre |                 |                   |                             |   |
| 404P1.8  | Quick Dry Prime (QDP)                             | 250      | litre |                 |                   |                             |   |
| 404P2  | Supply and Spray Binder - Class 170 Bitumen       | 79,500   | litre |                 |                   |                             |   |
| 404P8  | SAMI (S45R) Seal                                  | 300      | litre |                 |                   |                             |   |
| 404P8.2  | 7mm aggregate (precoated)                         | 170      | m3    |                 |                   |                             |   |
| 406.4  | 14mm aggregate (precoated)                        | 250      | m3    |                 |                   |                             |   |
| 407.12   | SMA-H 14mm Nominal Size                           | 2,800    | Tonne |                 |                   |                             |   |
| 408P11.3   | FGGR  | 300      | Tonne |                 |                   |                             |   |
| <b>6.0 CONCRETE KERBS, FOOTPATHS AND MINOR WORKS</b>   |   |          |       |                 |                   |                             |   |
| 602P2.3  | 150mm Thick Concrete Paving - Traffic Islands     | 1,950    | m2    |                 |                   |                             |   |
| <b>8.0 INCIDENTAL WORKS</b>  |   |          |       |                 |                   |                             |   |
| 815P2  | Weeds by Telstra                                  | 1        | S     |                 |                   |                             |   |
| <b>9.0 LANDSCAPING</b>   |   |          |       |                 |                   |                             |   |
| 905P1  | Grassing  | 65,000   | m2    |                 |                   |                             |   |
| 908P1  | Bitumen and Straw Mulching                        | 65,000   | m2    |                 |                   |                             |   |
| 908P1.1  | Native Trees 1m Min. spacing ring                 | 257      | No    |                 |                   |                             |   |
| 909P1.2  | Exotic Trees 2.5m Min.                            | 95       | No    |                 |                   |                             |   |
| 911P1  | Consolidation                                     | 26       | Weeks |                 |                   |                             |   |
| <b>10.0 ROAD SIGNS</b>   |   |          |       |                 |                   |                             |   |
| 10   | Road Signs  |          |       |                 |                   |                             |   |
| <b>11.0 PAVEMENT MARKING</b>   |   |          |       |                 |                   |                             |   |
| 11   | Pavement Marking                                  |          |       |                 |                   |                             |   |

Superintendent's Representative  
SMEC Australia  
T | M

---

**From:** Husband, John [mailto:John.Husband@act.gov.au]  
**Sent:** Wednesday, 7 May 2014 2:34 PM  
**To:**  
**Subject:** RE: 2014 05 05 HPD2 - Contract Value Remaining

Hi

Can you please confirm that the site is safe and secure from the public?

Thanks

**John Husband** | Senior Project Manager  
Phone 02 6205 2920 | Fax 02 6207 6621 | Mobile  
Infrastructure and Capital Works | Economic Development Directorate | ACT Government  
Level 6, TransACT House, 470 Northbourne Ave, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601 [www.edd.act.gov.au](http://www.edd.act.gov.au)

---

**From:** [mailto: @smec.com]  
**Sent:** Wednesday, 7 May 2014 2:23 PM  
**To:** Husband, John  
Hancock, Patrick; HPDE;  
**Subject:** RE: 2014 05 05 HPD2 - Contract Value Remaining

Hi John,

Did you want me to mark up the table I sent you below or was there meant to be an attachment to your email?

Regards,

| Superintendent's Representative  
**SMEC Australia**  
T | M

---

**From:** Husband, John [mailto:John.Husband@act.gov.au]  
**Sent:** Wednesday, 7 May 2014 11:08 AM  
**To:**  
C Hancock, Patrick; HPDE;  
**Subject:** RE: 2014 05 05 HPD2 - Contract Value Remaining

Team

Could you please advise which items will be effected with the latest claim? Can you mark up the attached?

This will allow us to see which items still need to be completed.

Thanks

**John Husband** | Senior Project Manager  
Phone 02 6205 2920 | Fax 02 6207 6621 | Mobile |  
Infrastructure and Capital Works | Economic Development Directorate | ACT Government  
Level 6, TransACT House, 470 Northbourne Ave, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601 [www.edd.act.gov.au](http://www.edd.act.gov.au)

---

**From:** [mailto: @smec.com]  
**Sent:** Monday, 5 May 2014 12:36 PM  
**To:** Husband, John  
**Cc:** Hancock, Patrick; HPDE;  
**Subject:** 2014 05 05 HPD2 - Contract Value Remaining

## Husband, John

---

**From:** Morris, Dorena  
**Sent:** Wednesday, 7 May 2014 1:19 PM  
**To:** Cairns, Lauren; Lacey, Glenn  
**Cc:** Bogiatzis, Patti; Cross, Narelle; Wilson, Chris; Stewart, Daniel; Husband, John  
**Subject:** 2014 05 07 URGENT - Update on Horse Park Drive  
**Attachments:** BM14-646 - Caveat Brief - Horse Park Drive Stage 1 and Stage 2 - Status ....doc

**Importance:** High

Hi Glenn/Lauren

The Minister's Office has asked for an urgent update on the attached Caveat brief relating to the Hors Park Drive Extension Stages 1 and 2 for today's question time (commencing at 2.30pm).

The Minister's Office has particularly asked for expenditure on Stages 1 and 2 and if possible how many people were employed.

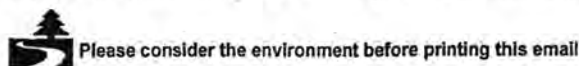
Our response ASAP would be appreciated.

Dorena

### Dorena Morris

Manager, Ministerial, Assembly and Cabinet Coordination  
Economic Development Directorate | ACT Government  
Level 7 TransACT House, 470 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601 |  
[www.economicdevelopment.act.gov.au](http://www.economicdevelopment.act.gov.au)

This message is intended for the recipient's use only. It may contain confidential and legally privileged information. If you receive this document in error, you must not use or disclose it or its contents. If you are not the intended recipient please contact the sender and dispose of the message.



---

**From:** Morgan, Anneliese  
**Sent:** Wednesday, 7 May 2014 12:55 PM  
**To:** MACC  
**Subject:** FW: Update on Horse Park Drive  
**Importance:** High

Hi MACC,

Please see request below, can the relevant QTB(s) please be updated before Question time today?

Thanks,  
Anneliese

Anneliese Morgan | A/g Directorate Liaison Officer | Ph 6205 4643  
Office of Minister Barr MLA | Office of Minister Burch MLA  
Economic Development | ACT Government  
PO Box 1020 Canberra City ACT 2601 | [www.act.gov.au](http://www.act.gov.au)

---

**From:** Fitzharris, Meegan  
**Sent:** Wednesday, 7 May 2014 12:52 PM

**To:** Pullen, Victoria; Morgan, Anneliese  
**Cc:** Steel, Kurt; Driscoll, Jamie; Rynehart, Robbie  
**Subject:** FW: Update on Horse Park Drive  
**Importance:** High

Hi Vicky, Anneliese

Could you please make sure that CWD and EDD QTBs are updated to include the latest info on Hewatts on Majura Parkway and Horse Park Drive.

Thanks  
Meegan

---

**From:** Steel, Kurt  
**Sent:** Wednesday, 7 May 2014 12:50 PM  
**To:** Barr, Andrew  
**Cc:** Fitzharris, Meegan; Driscoll, Jamie  
**Subject:** FW: Update on Horse Park Drive

FYI:

The current state of the Horse Park Drive project is as follows:

- This project has been substantially completed. Pavements have been laid, and only minor works such as lines, signs and some landscaping remain unfinished.
- If Hewatt is unable to complete these works, the Government will look to use existing sub-contractors or other local contractors to complete the project. The superintendent on Horse Park Drive was advised by Hewatt's site manager that Hewatt were not working today due to stalled negotiations with Fulton Hogan, and did not want to take an illegal activity of possible insolvent trading.
- There are not anticipated to be any budgetary difficulties on this project, due to substantial retentions and other guarantees from Hewatt held by the Government.
- There will be some minor time delays associated with this disruption and potential change of contractors.



~~Early Draft~~

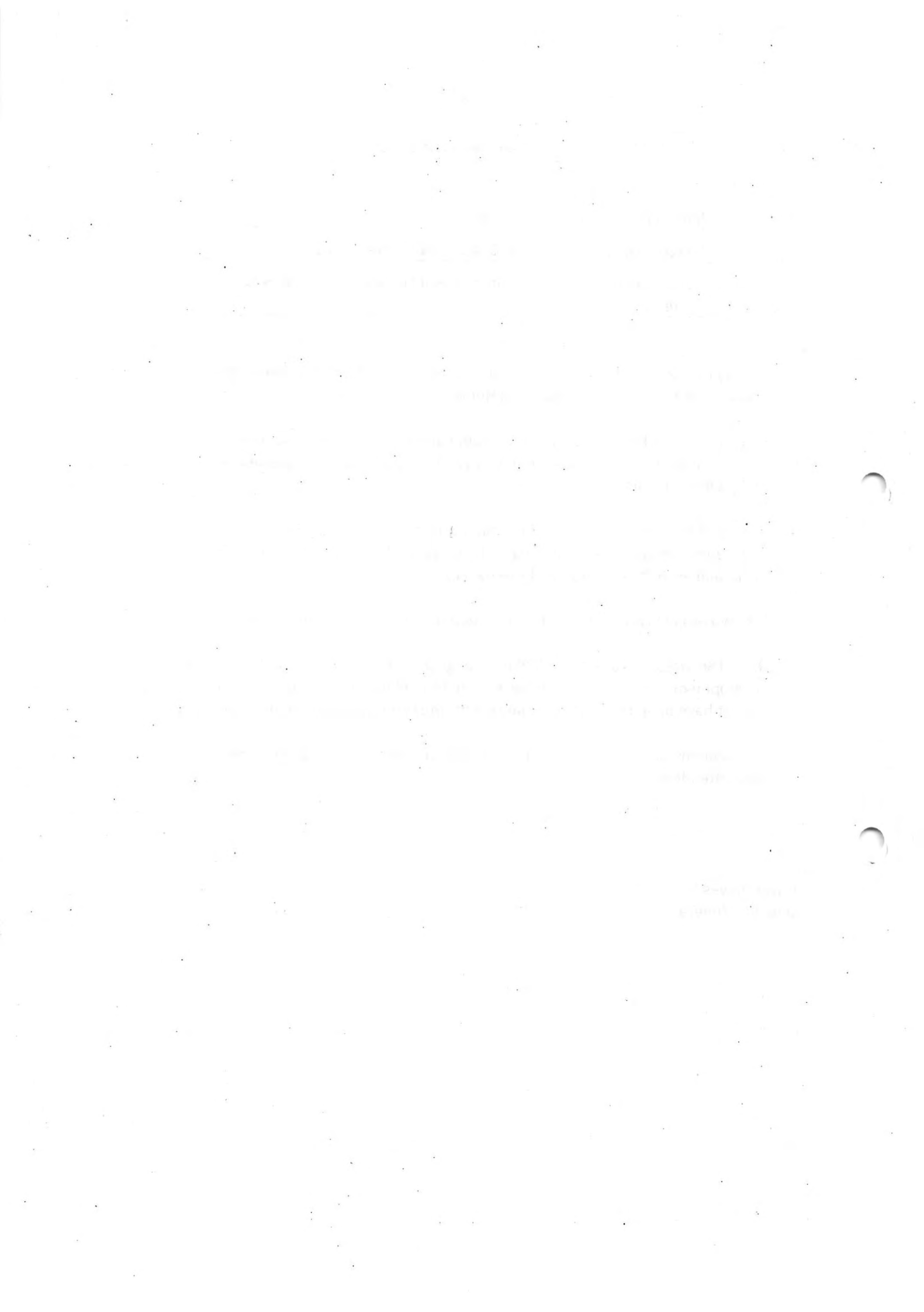
**Caveat Brief**

Ref: BM14/646

To Minister for Economic Development  
From Director-General, Economic Development Directorate  
Subject Horse Park Drive Extension Stage 1 and Stage 2 – Status of Works completed by Hewatt Pty Ltd

- This is provided as additional information as we know Hewatt has only exited the Majura Parkway and will be finalising Horse Park Drive Stage 1 and 2.
- Stage 1 of Horse Park Drive Extension from Katherine Ave to the Moncrieff Group Centre was awarded to Hewatt in July 2012. The project is 90% complete with only minor works remaining.
- Stage 2 of the Horse Park Extension from Burrumurra Ave to Mirrabei Drive was awarded to Hewatt in February 2013. The project is 85% complete with only minor works and asphalt surfacing works remaining.
- The two projects are currently programmed for completion by end of May 2014.
- Shared Services Procurement (SSP) is managing the projects on behalf of Economic Development Directorate. SSP have advised that all payments due and payable to Hewatt have been made in accordance with the terms and conditions of the contracts.
- The payment claims for works in March 2014 are currently being assessed by the Superintendent.

David Dawes  
Director-General



DRAFT

7/05/14

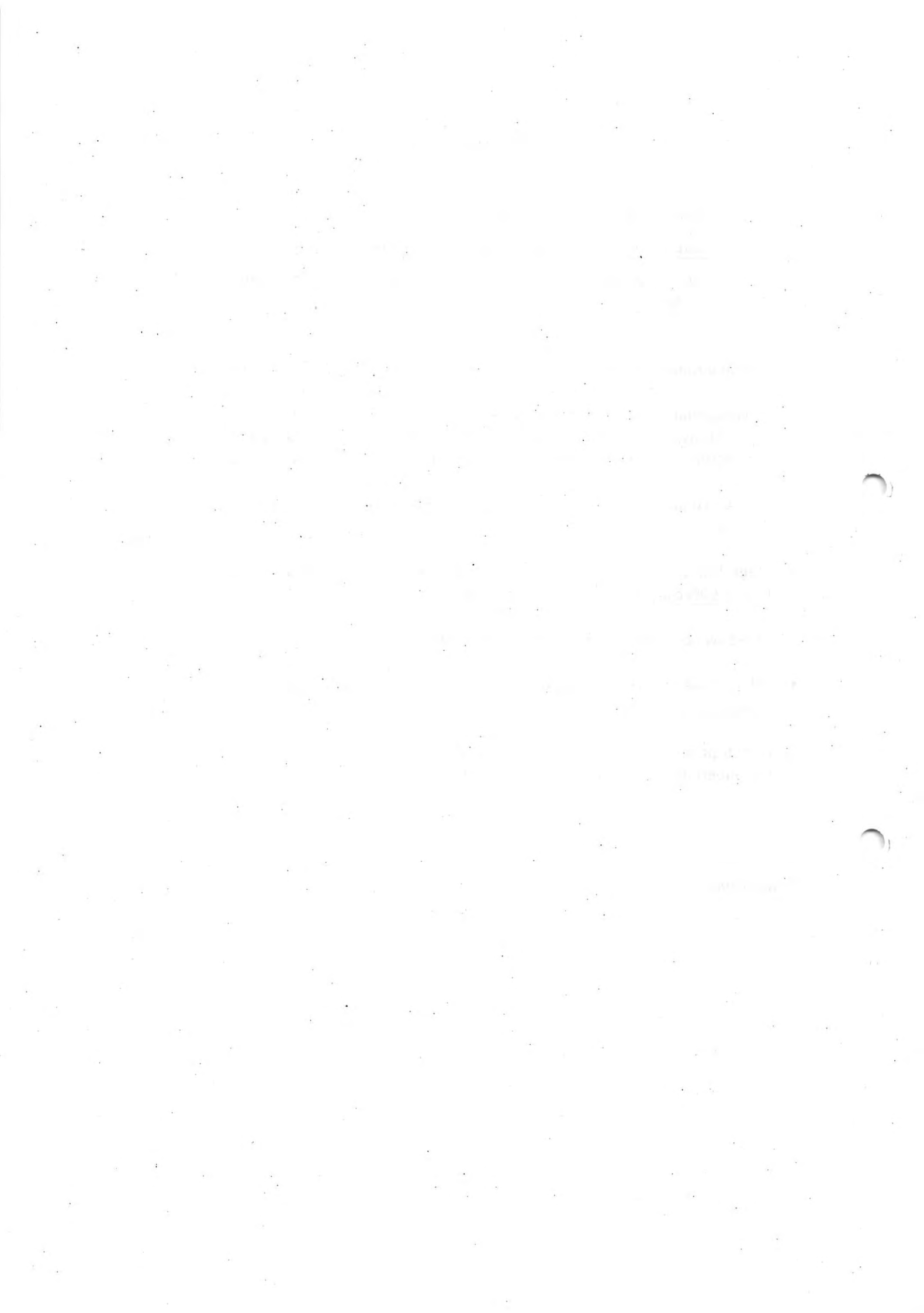
**Caveat Brief**

Ref:

To Minister for Economic Development  
From Director-General, Economic Development Directorate  
Subject Horse Park Drive Extension Stage 1 and Stage 2 – Hewatt Closure of Sites  
6 May 2014

- The Superintendent (SMEC) on Stage 2 of this project was advised this morning by the Hewatt Senior Project Manager of the two Horse Park Drive Projects, that no work was to be carried out today on the sites. This stage of the project is over 85% complete with line-marking and some landscaping to be completed. *SS* advised that he was not sure when works would re-commence
- Written confirmation was requested by EDD immediately on the reasons for this closure.
- Stage 1 of the Horse Park Extension from Katherine Ave to the Moncrieff Group Centre is over 90% complete. ✓ - ~~95%~~ *95% SMA completed*
- These two projects are <sup>*where*</sup> due for completion mid May 2014. *- LIS - minor works only*
- SSP have advised that all payment claims from Hewatt have been processed as per the contract conditions.
- A draft payment claim for April 2014 has been submitted by Hewatt for assessment by the Superintendent. Amount \$1.3M ex GST

David Dawes



HPD2

**Husband, John**

---

**From:** @smec.com]  
**Sent:** Wednesday, 7 May 2014 9:49 AM  
**To:** @hewatt.com.au>  
**Cc:** HPDE; Hancock, Patrick; Husband,  
 @hewatt.com.au>  
**Subject:** HPD2 - Site Closure 7 May 2014

Could you please advise why work on the HPD2 Project will not take place today and why the site has been shutdown.

Could you also please confirm that the site has been left safe and secure (ie. was a safety check completed prior to closure today).

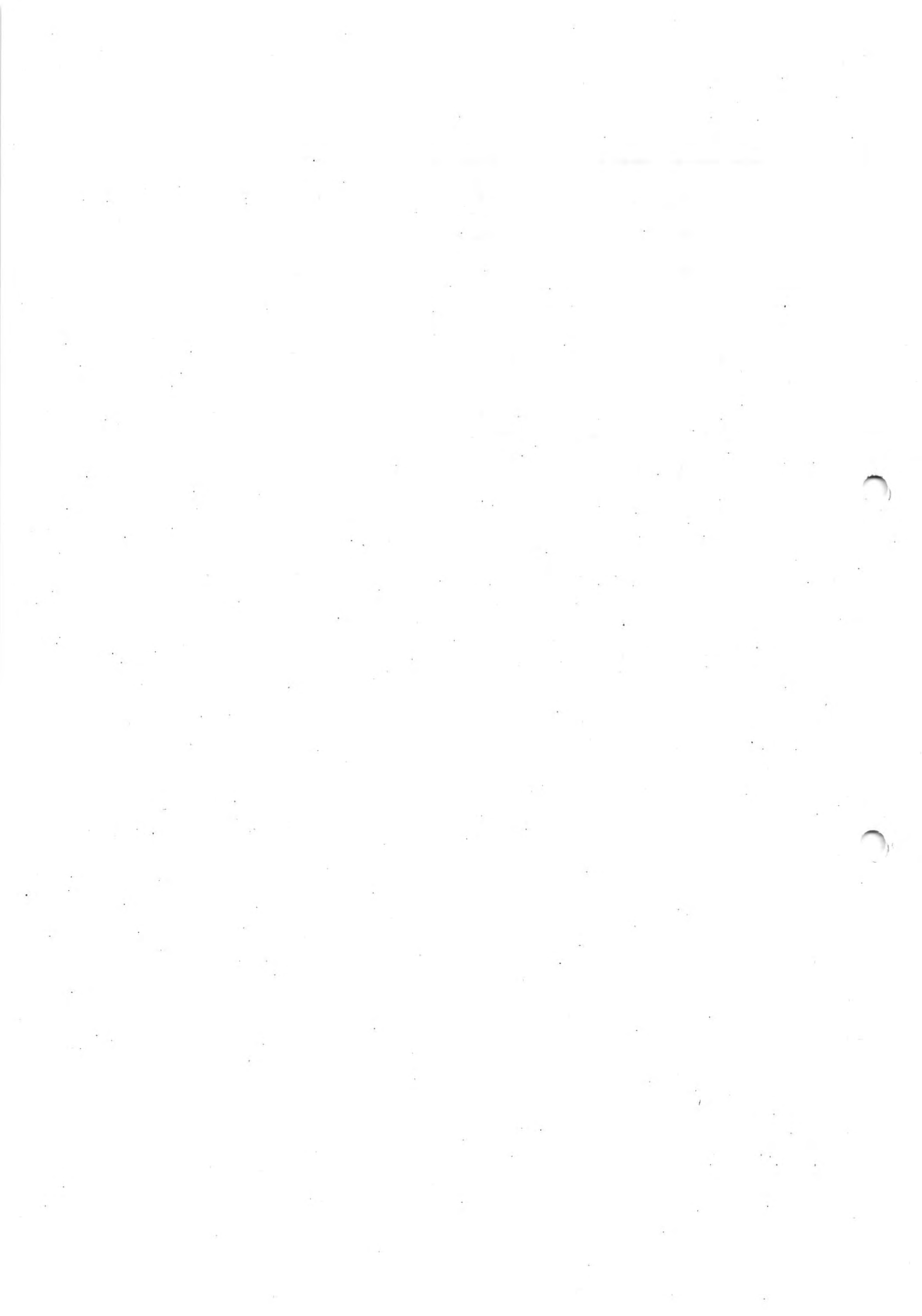
Please respond as a matter of urgency.

ards,

M:

---

This e-mail has been scanned for viruses by Symantec.Cloud.



**Husband, John**

---

**From:** Husband, John  
**Sent:** Wednesday, 7 May 2014 9:31 AM  
**To:**  
**Cc:** Hancock, Patrick; McGrath, Michael  
**Subject:** Horse Park Drive Extension Stages 1 and 2 - Hewatt Advice re closure of Site

and

Could you please request from Hewatt in writing, the reasons for closing the two sites today as a matter of urgency.

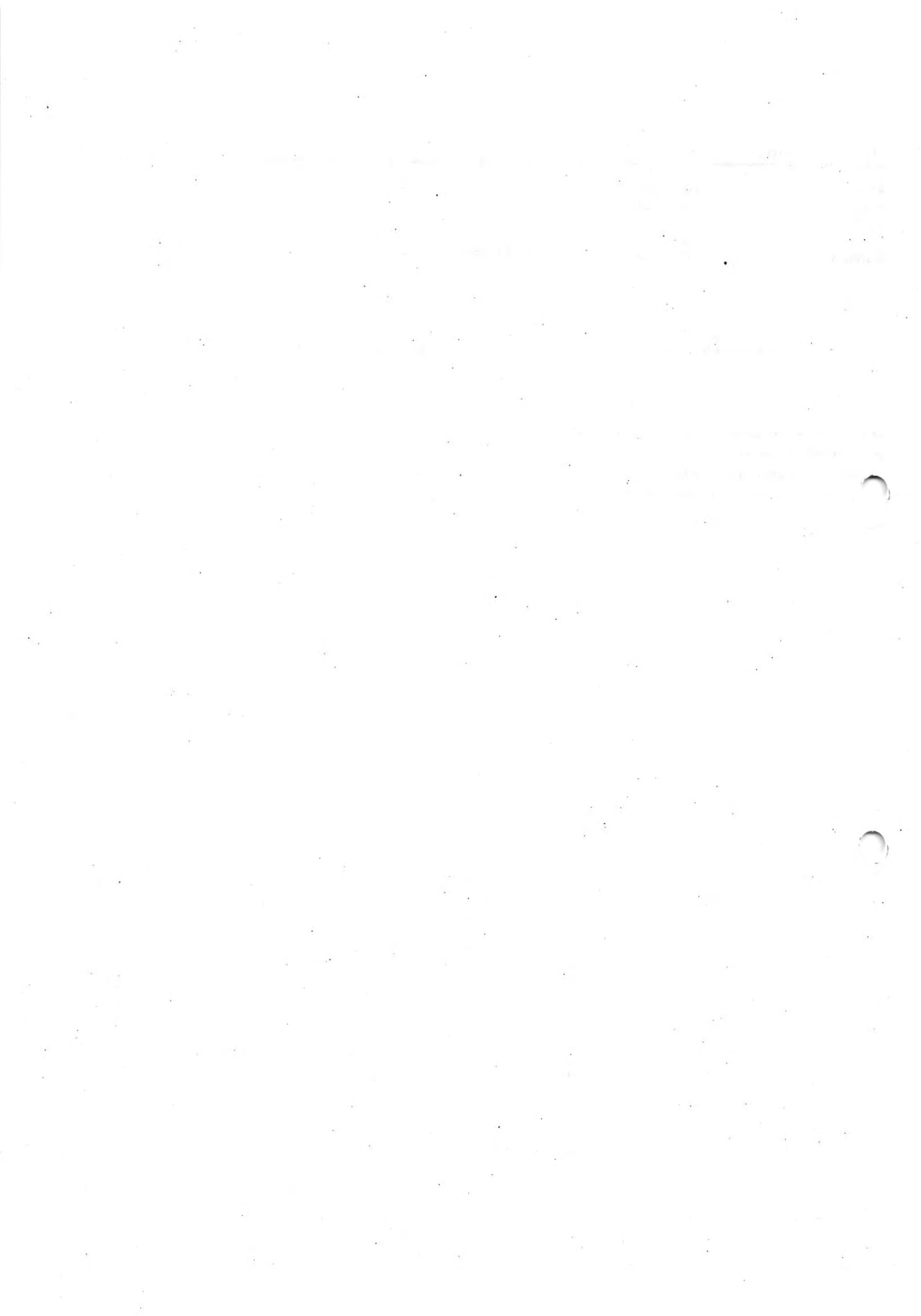
Regards

**John Husband** | Senior Project Manager

Phone 02 6205 2920 | Fax 02 6207 6621 | Mobile

**Infrastructure and Capital Works** | Economic Development Directorate | **ACT Government**

Level 6, TransACT House, 470 Northbourne Ave, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601 [www.edd.act.gov.au](http://www.edd.act.gov.au)





## Husband, John

---

**From:** Osborne, Peter  
**Sent:** Tuesday, 6 May 2014 8:36 AM  
**To:** Hancock, Patrick  
**Cc:** Husband, John  
**Subject:** FW: Horse Park Drive Extension

Patrick

Further to our correspondence below, I am writing to advise that the extra premium payable for the extension of cover to 31 May is:

ACTIA will pay this and invoice Shared Services appropriately. I will arrange for the invoice to be sent to you within the next few days.

All the best

Peter

---

Peter Osborne | Assistant General Manager  
**PHONE: (02) 6205 2774** | **FAX: (02) 6207 0301** | **MOBILE:** | [peter.osborne@act.gov.au](mailto:peter.osborne@act.gov.au)  
**ACT Insurance Authority | ACT Government**  
 Level 3 Canberra Nara Centre | GPO Box 158 Canberra ACT 2601 | [www.act.gov.au](http://www.act.gov.au)

*Please consider the environment before printing this email - or if printing is necessary, please print double-sided.*

---

**From:** Osborne, Peter  
**Sent:** Wednesday, 30 April 2014 10:50 AM  
**To:** Hancock, Patrick  
**Cc:** Husband, John  
**Subject:** FW: Horse Park Drive Extension

Patrick

Further to our correspondence below, I am pleased to advise that the insurer has confirmed the extension of cover to 31 May 2014.

All the best

Peter

---

Peter Osborne | Assistant General Manager  
**PHONE: (02) 6205 2774** | **FAX: (02) 6207 0301** | **MOBILE:** | [peter.osborne@act.gov.au](mailto:peter.osborne@act.gov.au)  
**ACT Insurance Authority | ACT Government**  
 Level 3 Canberra Nara Centre | GPO Box 158 Canberra ACT 2601 | [www.act.gov.au](http://www.act.gov.au)

*Please consider the environment before printing this email - or if printing is necessary, please print double-sided.*

---

**From:** Osborne, Peter  
**Sent:** Tuesday, 29 April 2014 5:15 PM  
**To:** Hancock, Patrick  
**Cc:** Husband, John  
**Subject:** RE: Horse Park Drive Extension

That's great thanks very much Patrick

I will contact the insurer now to arrange a short extension.

All the best

Peter

---

**From:** Hancock, Patrick  
**Sent:** Tuesday, 29 April 2014 5:14 PM  
**To:** Osborne, Peter  
**Cc:** Husband, John  
**Subject:** RE: Horse Park Drive Extension

Peter, sorry I was getting confused with Stage 2. Stage 1 effectively complete, say of work outstanding.

Patrick Hancock | Senior Procurement Officer  
Phone 02 6207 0219 | Fax 02 6207 5468 | Mobile  
Shared Services Procurement | Commerce and Works | ACT Government  
Level 3, Annex, Macarthur House, 12 Wattle Street Lyneham ACT | [www.act.gov.au](http://www.act.gov.au)

---

**From:** Osborne, Peter  
**Sent:** Tuesday, 29 April 2014 5:10 PM  
**To:** Hancock, Patrick  
**Cc:** Husband, John  
**Subject:** RE: Horse Park Drive Extension

Thanks Patrick

When the insurance was last extended on 18 March we were advised that the value of outstanding work was

If that is still the case, does that mean that very little work has been done since the last renewal, or is there a different reason?

I don't think that it should be a problem for the insurer but they will definitely want to know why the value is the same.

Thanks again for your help

Peter

---

**From:** Hancock, Patrick  
**Sent:** Tuesday, 29 April 2014 4:58 PM  
**To:** Osborne, Peter  
**Cc:** Husband, John  
**Subject:** RE: Horse Park Drive Extension

Peter,

**Husband, John**

---

**From:** @smec.com]  
**Sent:** Monday, 5 May 2014 2:56 PM  
**To:** Husband, John  
**Cc:** Hancock, Patrick; HPDE;  
**Subject:** RE: HPD2 - Minutes of Site Meeting 2nd May

No worries John,

I will hopefully have the minutes out at some point this afternoon.

Regards,

| Superintendent's Representative  
MEC Australia

---

**From:** Husband, John [mailto:John.Husband@act.gov.au]  
**Sent:** Monday, 5 May 2014 2:52 PM  
**To:**  
**Subject:** HPD2 - Minutes of Site Meeting 2nd May

Hi

Could you please ensure that the minutes include our discussion on the payment conditions for the SMA is included; i.e. that all the conditions of the specification have been met.

Thanks

**John Husband** | Senior Project Manager  
Phone 02 6205 2920 | Fax 02 6207 6621 | Mobile  
**Infrastructure and Capital Works** | Economic Development Directorate | **ACT Government**  
Level 6, TransACT House, 470 Northbourne Ave, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601 [www.edd.act.gov.au](http://www.edd.act.gov.au)

-----  
This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.  
-----

---

This e-mail has been scanned for viruses by Symantec.Cloud.

---

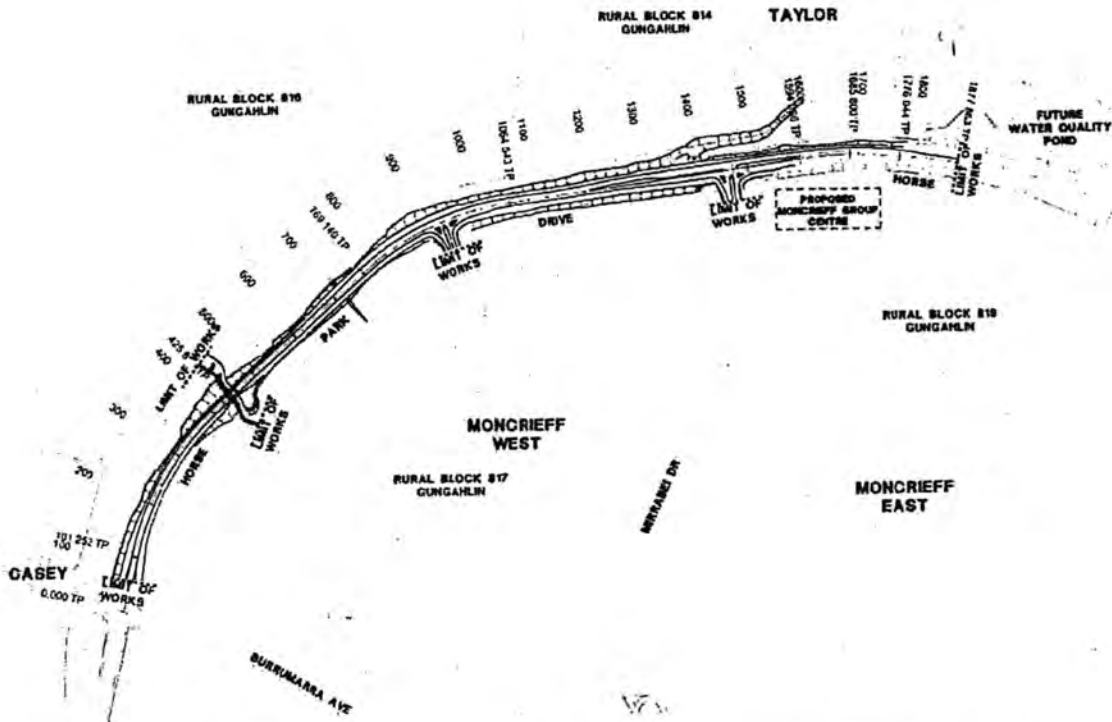
This e-mail has been scanned for viruses by Symantec.Cloud.



Construction of:

# Horse Park Drive Extension Project Burrumarra Avenue to Mirrabai Drive

## Monthly Report



Project: Horse Park Drive Extension (Burrumarra Ave – Mirrabai Dr)  
Construction Contract No: 2013.21048.110  
Report No: 12  
Reporting Period: March 2014  
Senior Program Manager: Michael McGrath *Economic Development Directorate*  
Senior Project Manager: John Husband *Economic Development Directorate*  
Senior Project Officer: Patrick Hancock *Shared Services Procurement*  
Contractor's Representative: *Hewatt Pty Ltd*  
Superintendent's Representative: *SMEC Australia Pty Ltd*



## Table of Contents

|  |    |
|--|----|
| 1. WHS .....   | 3  |
| 2. Progress of Work .....                                | 3  |
| 2.1. Separable Portion 1 & 3 .....                       | 3  |
| 2.2. Separable Portion 2 & 4 .....                       | 4  |
| 3. Issues and Project Risks .....                        | 3  |
| 3.1. Key Issues .....                                    | 4  |
| 3.2. Key RFI's .....                                     | 5  |
| 4. Time .....  | 5  |
| 4.1. Program and Progress .....                          | 6  |
| 4.2. Extension of Time (EOT) .....                       | 6  |
| 5. Financial Position .....                              | 7  |
| 5.1. Progress Payments .....                             | 7  |
| 5.2. Claims and Variations .....                         | 8  |
| 5.3. Estimated Final Contract Value .....                | 8  |
| 6. Environment .....                                     | 10 |
| 7. Quality .....   | 10 |
| 8. Traffic .....   | 11 |
| 9. Community .....                                       | 11 |
| 10. Industrial Relations .....                           | 11 |
| 11. Upcoming Works .....                                 | 11 |
| Appendices .....   | 13 |
| Appendix A. WHS Incident Register .....                  | 14 |
| Appendix B. EOT Register .....                           | 16 |
| Appendix C. Issue Register .....                         | 19 |
| Appendix D. Variation Register .....                     | 22 |
| Appendix E. Estimated Final Contract Value Summary ..... | 25 |
| Appendix F. RFI Register .....                           | 26 |
| Appendix G. Public Liaison Register .....                | 28 |
| Appendix H. Program .....                                | 31 |
| Appendix I. Photograph .....                             | 34 |

## 1. WHS

Three days Lost Time Injuries (LTI's) were reported for March 2014. These are the first LTI's recorded for the project to date.

There were two WHS incidents (non-notifiable) recorded for March 2014.

A follow up ACT WHS Audit was conducted by Kaizen Management Services on Monday 17 March 2014. Results of the report are yet to be released.

SMEC's surveillance officer has continued to carry out a joint walk-through / safety inspection on a weekly basis with the Contractor's Safety Officer or Site Foreman.

The WHS Incident Register is included at Appendix A.

## 2. Progress of Work

The month of March 2014 included 21 contractual working days with a single RDO. Progress within the month was significantly affected by wet weather with seven working days being impacted by over 70mm of rain. This included an entire week where no work was carried out.

The remaining 14 working days saw progress continue in the preparation of the carriageway and trunk cycle path for priming, sealing and asphaltting works. Work also continued on stone pitching, retaining walls and path foundations beneath the bridge. The works beneath the bridge have now formed somewhat of a critical path of their own.

Other items that affected progress throughout the month of March 2014 included delays in the construction of the stone retaining wall footing beneath bridge due to design changes and the delay in Telstra engaging a suitable subcontractor to carry out works to the existing pit at Burrumarra Ave.

As at the end of March 2014, the date for Practical Completion for Separable Portions 1 & 3 is 3 April 2014. An additional 11 days EOT have been submitted Hewatt for assessment by SMEC. Given the current state of the Project, it is unlikely the date of Practical Completion will be prior to the 3 April 2014.

A summary of the work completed in March 2014 is provided in Sections 2.1 and 2.2.

### 2.1. Separable Portion 1 & 3

#### Bridgeworks:

- Hand railing across bridge installed – 100% Complete;

#### Pavement:

- Base placement was completed from Burrumarra Ave to the tie-in to HPD1;
- Prime applied to 50% of carriageway from CH880 to tie-in to HPD1;
- Kerb placement completed across site;
- Concrete poured for traffic islands – 80% Complete;
- Trunk cyclepath construction:

- o Subgrade preparation – 90% Complete. Subgrade preparation surrounding Telstra pit still to be completed;
- o Base placement – 75% Complete

#### **Carriageway & Road Furniture & Misc.:**

- Streetlighting installation of poles and lanterns – 95% Complete. Streetlight controller and lights beneath bridge to be completed;
- Placement of base material for Ginninderra Red Granite surrounding guardrail commenced;
- Guardrail completed.

#### **Floodway & Beneath Bridge:**

- Stone pitched retaining wall 90% Complete;
- Area of stone pitching previously removed has been replaced
- Earthworks and set out for equestrian and shared path adjacent to floodway continuing.

#### **Underground Services:**

- Finishing works to stormwater works completed (including installation of sump covers);
- Concrete base for Traffic Light Control Cubicle completed;
- Electrical supply connected to streetlight and traffic light locations (not energised);

#### **Landscaping:**

- Topsoil placement continued along the verges of the road. Topsoiling works are approx. 95% complete;
- Bitumen Straw Mulching continued on-site – 75% Complete.

## **2.2. Separable Portion 2 & 4**

- Landscaping across the site is continually being carried out.

## **3. Issues and Project Risks**

### **3.1. Key Issues**

Current issues include:

- a. **Springbank Rise (SBR) Interface (ISS002):** The current status of the various issues surrounding the Project's interface with the Springbank Rise Development are:
  - SMEC and Hewatt met with Lend Lease within March to discuss completion items, including treatment of landscaping surrounding the Casey Headwall.
- b. **EDD Report on SMA within HPD1 & Outcomes for HPD2 (ISS018):** The SMA wearing course layer has been changed to SMA10 at a nominal thickness of 30mm. Hewatt has constructed the base material layer to the revised level and has submitted a Variation claim for the changes to the SMA.
- \* c. **Stone Pitching on the Western Bridge Embankment:** A section of the stone pitching was removed and replaced by Hewatt. In early March 2014, EDD requested that this area was not large enough and requested additional areas to be removed.



SMEC have sent a formal instruction to Hewatt to replace the enlarged section or to formerly dispute the instruction;

- d. **Raising of Telstra Pit at CH40:** Telstra are required to raise an existing pit at CH40 adjacent to the trunk path. Telstra initially engaged a subcontractor that was not IRE certified. Telstra are currently looking for an applicable IRE certified subcontractor.

The Issue Register has been included in Appendix C

### 3.2. Key RFI's

There were a total of four (4) RFIs raised in March 2014. A short summary of the nature and response to the significant RFIs within March is included below.

- **RFI109A/RFI117A: Clarification of revised cross-falls provided as part of RFI109A:** the revised design model issued as part of the response to RFI109A included cross-falls of cyclepaths ~5% at the interface of the concrete and asphalt path adjacent to the floodway. RFI117A was raised asking whether the cross-falls given were acceptable or whether they needed to be revised. The levels were subsequently revised;
- **RFI112A: Confirmation of changes to pavement design:** All changes to the SMA wearing course and specification have been confirmed by SMEC/EDD. Hewatt have submitted a variation for the changes;
- **RFI120A: Clarification of asphalt joints:** Hewatt raised an RFI asking how the SMA wearing course is to be transitioned and "keyed" into the existing asphalt at Burrumarra Ave. SMEC has since responded to the RFI.

The RFI register is included at Appendix F.

## 4. Time

The Letter of Acceptance was issued to Hewatt on 26 February 2013.

The initial construction period was for 62 weeks, with a landscaping consolidation period of 26 weeks, totalling 88 weeks. The Initial contractual Practical Completion (PC) date was 04 November 2014 (including Landscape Consolidation).

As the result of Hewatt's proposal to align the completion of HPD1 & HPD2, the construction period has been revised to 56 weeks with a consolidation period of 26 weeks. The current date for PC for SP4 is 7 October 2014.

#### 4.1. Program and Progress

The latest revision to the construction program was received on the 14<sup>th</sup> February 2014.

Table 4.1: Programmed completion dates for Separable Portions 1 & 3

| Portion | Description             | Original PC Date | Revised PC Date | Current Program Completion Date |
|---------|-------------------------|------------------|-----------------|---------------------------------|
| SP1     | Burrumarra Ave – Ch 600 | 03 Dec 2013      | 3 Apr 2014      | 2 Apr 2014                      |
| SP3     | Ch 600 – HPD1 Interface | 06 May 2014      | 3 Apr 2014      | 2 Apr 2014                      |

The latest construction program issued is outdated. A revised program to completion has been requested from Hewatt by SMEC. This program is still being awaited.

There have been three EOT Claims raised in March 2014, with only EOT No. 14 being accepted by SMEC as yet. SMEC intends to accept the additional 11 days claimed within EOT No. 15 & 16 shortly. Whilst this will push the date for PC to 28 April 2014, the completion of the Project to the state required by Clause 14.06 SCC will not occur prior to this date. It is expected that the date for PC will be mid-May 2014.

A detailed outline of the works still to be completed is included in Section 11.

The latest Contract Program to Completion from Hewatt is included at Appendix H.

#### 4.2. Extension of Time (EOT)

To date, sixteen (16) EOT claims have been submitted by Hewatt. Two EOT Claims were raised in March 2014 due to inclement weather and EOT 16 was raised regarding delays due to design changes. Hewatt have advised that there will be no cost associated with EOT 16 if approved.

A total of 63.5 days have been claimed by Hewatt, with 36.5 days being approved. As noted previously, SMEC intend to approve all time claimed within EOT No. 15 & 16.

The current dates for Practical Completion are set out in the table below.

| Portion | Description                     |             | Original Date               | Revised Date      |
|---------|---------------------------------|-------------|-----------------------------|-------------------|
| SP1/3   | Burrumarra Ave – HPD1 Interface | Civil Works | 03 Dec 2013/<br>06 May 2014 | 3 Apr 2014        |
| SP2/4   | Burrumarra Ave – HPD1 Interface | Landscaping | 03 Jun 2014/<br>04 Nov 2014 | 7 October<br>2014 |

The EOT Register is included at Appendix B.

## 5. Financial Position

Financial position to the end of March 2014 is reported below:

### 5.1. Progress Payments

Progress Payments certified to the end of March 2014:

Original Contract Value including Provisional Sums:

Approved Variations (incl. Quantity Overruns):

Current Approved Contract Value:

Value Certified To Date:

Value Previously Certified:

Progress Payment Claim No. 12 for March 2014:

*NB: all amounts are inclusive of GST.*

The following table shows Progress Payment Certifications to date:

| Progress Payment No.  | Month  | Payment Certified<br>(including GST) |
|-----------------------|--------|--------------------------------------|
| 1                     | Apr-13 |                                      |
| 2                     | May-13 |                                      |
| 3                     | Jun-13 |                                      |
| 4                     | Jul-13 |                                      |
| 5                     | Aug-13 |                                      |
| 6                     | Sep-13 |                                      |
| 7                     | Oct-13 |                                      |
| 8                     | Nov-13 |                                      |
| 9                     | Dec-13 |                                      |
| 10                    | Jan-14 |                                      |
| 11                    | Feb-14 |                                      |
| 12                    | Mar-14 |                                      |
| <b>Total to Date:</b> |        |                                      |

*Figure 5.1: Hewatt's Original and Revised Forecast Claim against Actual Claim, as at 31 March 2014.*

## **5.2. Claims and Variations**

SMEC's Variation Register is included at Appendix D.

There have been a total of 38 Variations raised to date. The total agreed value for Variations is currently | with | being certified as at the end of March 2014.

The significant Variations submitted to date include (all figures excl GST):

- V06 – Changes to Watermain Design
- V09 – Pricing of Missing BoQ Items
- V29 – HPD1/2 Change in Scope
- V38 – Changes to SMA Wearing Course
- All other Variations (incl. over/underruns)

## **5.3. Estimated Final Contract Value**

The Estimated Final Contract Value is being revised each month as the Project progresses.

The Estimated Final Contract Value is continually tracked using the following methods:

1. Tracking of Provisional Quantity Items and updating estimated final quantities monthly (refer to *Table 5.3.1*);
2. Tracking of Provisional Sums and updating estimated final amount of each Provisional Sum following each claim (refer to *Table 5.3.2*);
3. Tracking overruns/underruns in quantities of Scheduled Items (refer to *Appendix E*);
4. Incorporating changes in the design and construction into the Estimated Final Contract Value summary table (refer to *Appendix E*). This will also generally include forecast Variations that have not yet been submitted by the Contractor (eg. additional wearing course works at Burrumarra Ave).

Table 5.3.1: Tracking of Provisional Quantity Items

| Pay Item                                  | Description of Work  | Unit      | Scheduled Amount (excl GST) | Total Claimed to Date (excl GST) | % of Scheduled Quantity Claimed | % of Works Completed (SMEC Estimate) | Estimated Final Amount (excl GST) |
|---|--|-----------|-----------------------------|----------------------------------|---------------------------------|--------------------------------------|-----------------------------------|
| <b>2.0 EARTHWORKS</b>                     |  |           |                             |                                  |                                 |                                      |                                   |
| 205P1                                     | Removal and Stockpiling topsoil  | m3 (PQ)   |                             |                                  |                                 |                                      |                                   |
| 205P2                                     | General Earthworks   | m3 (PQ)   |                             |                                  |                                 |                                      |                                   |
| 205P3                                     | Disposal of Spoil Material Off Site  | m3 (PQ)   |                             |                                  |                                 |                                      |                                   |
| 205P4                                     | Unsuitable Material  | m3 (PQ)   |                             |                                  |                                 |                                      |                                   |
| 206P1.1                                   | Imported Fill (min 3% CBR)   | m3 (PQ)   |                             |                                  |                                 |                                      |                                   |
| 206P2                                     | Replacement of Unsuitable with General Fill (min 3% CBR)   | m3 (PQ)   |                             |                                  |                                 |                                      |                                   |
| 207P1                                     | Preparation of Fill Subgrade   | m2 (PQ)   |                             |                                  |                                 |                                      |                                   |
| 207P2                                     | Preparation of Cut Subgrade  | m2 (PQ)   |                             |                                  |                                 |                                      |                                   |
| 207P4.1                                   | Bidim A34  | m2 (PQ)   |                             |                                  |                                 |                                      |                                   |
| 208P1                                     | Supply and Installation of Quarry Overburden Material  | m3 (PQ)   |                             |                                  |                                 |                                      |                                   |
| <b>3.0 UNDERGROUND SERVICES</b>           |  |           |                             |                                  |                                 |                                      |                                   |
| 303P1                                     | Backfilling Under Roads, Paths and Driveways   | m3 (PQ)   |                             |                                  |                                 |                                      |                                   |
| 303P3                                     | Removal of Unsuitable Material from Trenches   | m3 (PQ)   |                             |                                  |                                 |                                      |                                   |
| 303P7                                     | Extra over for supply and placement of 5/7mm aggregate bedding material for sewer only as directed by the Superintendent       | m3 (PQ)   |                             |                                  |                                 |                                      |                                   |
| 303P8                                     | Extra over for supply and placement of 7/10mm aggregate bedding material for stormwater only as directed by the Superintendent | m3 (PQ)   |                             |                                  |                                 |                                      |                                   |
| 303P9                                     | Geotextile A14 for use in pipe trenches  | m2 (PQ)   |                             |                                  |                                 |                                      |                                   |
| 307P2.1                                   | 1 x 100mm diameter (TransACT) Road crossings only  | m (PQ)    |                             |                                  |                                 |                                      |                                   |
| <b>4.0 FLEXIBLE PAVEMENT CONSTRUCTION</b> |  |           |                             |                                  |                                 |                                      |                                   |
| 403P3.5                                   | CBR6   | m3 (PQ)   |                             |                                  |                                 |                                      |                                   |
| <b>8.0 INCIDENTAL WORKS</b>               |  |           |                             |                                  |                                 |                                      |                                   |
| 804P1.3                                   | Fence Type VS (Vermin and Stockproof)  | m (PQ)    |                             |                                  |                                 |                                      |                                   |
| 804P1.6                                   | Adjustment to existing fences as directed by the Superintendent  | Item (PQ) |                             |                                  |                                 |                                      |                                   |
| <b>Total Scheduled (excl GST)</b>         |  |           |                             |                                  |                                 |                                      |                                   |

Difference (Expected less Scheduled)

Table 5.3.2: Tracking of Provisional Sum Items

| Pay Item                          | Description of Work  | Amount (excl GST) | Total Claimed to Date (excl GST) | % Claimed of Scheduled Amount | Estimated Final Amount (excl GST) |
|-----------------------------------|--|-------------------|----------------------------------|-------------------------------|-----------------------------------|
| <b>001 PRELIMINARIES</b>          |  |                   |                                  |                               |                                   |
| 001P5                             | Compliance and Audit Testing as directed by the Superintendent |                   |                                  |                               |                                   |
| 001P6                             | Additional Work as Directed by the Superintendent              |                   |                                  |                               |                                   |
| <b>2.0 EARTHWORKS</b>             |  |                   |                                  |                               |                                   |
| 211P1                             | Geotechnical Engineer, Supervision and Site Testing            |                   |                                  |                               |                                   |
| <b>3.0 UNDERGROUND SERVICES</b>   |  |                   |                                  |                               |                                   |
| 304P11.1                          | Works by the Sewer Authority to existing sewer services        |                   |                                  |                               |                                   |
| 308P5.1                           | Works by the Water Authority to existing water services        |                   |                                  |                               |                                   |
| <b>8.0 INCIDENTAL WORKS</b>       |  |                   |                                  |                               |                                   |
| 815P1                             | Works by Electrical Authority                                  |                   |                                  |                               |                                   |
| 815P2                             | Works by Telstra   |                   |                                  |                               |                                   |
| 815P3                             | Works by Jemena  |                   |                                  |                               |                                   |
| 815P4                             | Works by Transact  |                   |                                  |                               |                                   |
| <b>Total Scheduled (excl GST)</b> |  |                   |                                  |                               |                                   |

The Estimated Final Contract Value summary table can be found at Appendix E. Figure 5.2 has been included to track the changes to the Estimated Final Contract Value.

*Figure 5.2: Monthly changes to SMEC's Estimated Final Contract Value compared to the Original Contract Value plus approved Variations*

The current Estimated Final Contract Value is approx. [redacted] compared to the Original Contract Value of [redacted]. The main reasons for this difference are:

- Variation for Pricing of Missing BoQ Items
- Variation for HPD1/2 Interface Scope of Works changes
- Provisional Sum and Quantity Estimated Amounts (approx.
- Increase in stone-pitching quantities (approx.
- Changes to SMA Design (& increases in Base Material Quants.) (approx.

## 6. Environment

Joint weekly inspections between SMEC's surveillance officer and Hewatt's representative are ongoing.

Two representatives from ACT EPA attended site in March 2014 to inspect the implementation of the EMP and ensure all works were being carried out in accordance with the waterway licence. The representatives were satisfied with what was inspected and there were no negative comments or corrective actions given.

## 7. Quality

As at the end March 2014, a total of 322 Hold Points have been raised with 10 yet to be released. The 'open' Hold Points are awaiting works to be completed or information to be provided to SMEC prior to inspection/ release.

A summary of the current status of Hold Points and NCRs can be found in the table below:

| Hold Point Register Status | As at March 2014 | NCR Register Status | As at March 2014 |
|----------------------------|------------------|---------------------|------------------|
| No. Raised                 | 322              | No. Raised          | 31               |
| No. Open                   | 10               | No. Open            | 7                |

## 8. Traffic

At the commencement of the Project the site was fenced off to public pedestrian and vehicular access. The only interactions with public traffic is upon entry and exit from the site.

The main entry to the Site Compound is now adjacent to Amaroo School. There have been no incidents with public traffic. It has been noted that a small number of vehicles have inadvertently entered the site through this entry. These vehicles were turned around prior to the site compound.

## 9. Community

Hewatt and SMEC met with \_\_\_\_\_ from Lend Lease in March 2014 to discuss completion of works at the interface of the two projects.

The only other public liaison throughout March was by John Husband (EDD) responding to a phone call asking about the completion date of Horse Park Drive from Amaroo to Burrumarra Ave.

The Public Liaison Register can be found at Appendix G.

## 10. Industrial Relations

The only issue concerning industrial relations in March 2014 was regarding Tesltra trying to find a suitable IRE accredited subcontractor.

## 11. Upcoming Works

The following works are yet to be completed by Hewatt. These works will be completed within April and May 2014.

### Pavements:

- Completion of prime, seal and SMA works for the main carriageway;
- Completion of base placement, prime and FGG for the trunk cyclepath;
- Pavement marking and road sign installation across site.

### Bridgeworks & Floodway:

- Completion of all associated bridgeworks (incl. handrailing, joint sealing & anti-graffiti painting);
- Completion of stone-pitched retaining wall beneath bridge and adjacent equestrian and shared paths;
- Completion of stone pitching for bridge abutments;
- Completion of the equestrian and shared concrete paths beneath the bridge.

**Services:**

- Complete WAE for services and handover to ACTEW Water, NBN Co. and other relevant authorities.

**Road Furniture & Misc.:**

- Completion of street-lighting and traffic lighting (and associated control cubicles);
- Completion of guard-railing either side of bridge.

**Landscaping:**

- Completion of topsoiling, bitumen straw mulching and planting across site;
- Planting of trees across site.



## **Appendices**

- A. WHS Incident Register
- B. EOT Register
- C. Issues Register
- D. Variation Register
- E. Estimated Final Contract Value Summary
- F. RFI Register
- G. Public Liaison Register
- H. Contract Program
- I. Photographs

**Appendix A. WHS Incident Register**

## INCIDENT/NEAR MISS REGISTER - ALL



| ID No | Type                   | Date       | Location                                | Incident Description  | Parties Involved                         | Consequences of Incident  | Action Taken   | Status |
|-------|------------------------|------------|---|---|--|---|--|--------|
| 1     | WHS Incident           | 10/05/2013 | Site: CH0-500                           | A member of the public was seen walking on the site   | Member of public, Hewatt                 | No injuries.  | Signage and fencing at Site Entry  | Closed |
| 2     | WHS Incident           | 23/05/2013 | CH450                                   | The temporary site fencing on the Casey Development side of the floodway was damaged/cut open.  | Unknown                                  | Damage to fencing.  | Fencing was reinstated.  | Closed |
| 3     | Observation            | 24/07/2013 | Temporary floodway (CH420)              | The sandbags used for shoring the access road over the temporary floodway were noticed to be slightly displaced. This was caused by settlement under loading of the access road. If left this could be a potential problem. | Identified by SMEC                       | N/A   | The road crossing has been rebuilt and the sandbags replaced in a more secure formation. Ongoing monitoring will be undertaken.  | Closed |
| 4     | WHS Incident           | 11/09/2013 | CH1400 - Sewer manhole                  | Worker placing concrete for sewer manholes was working at heights without adequate safety measures  | ACT Civil & Subcontractor                | No injuries or accidents.   | Hewatt advised ACT Civil of the incident and the work methods being used on site to pour the manholes was adjusted accordingly.  | Closed |
| 5     |                        | 14/10/2013 | SP3                                     | Operative Hurt his back when changing the cutting edge on the scrapper  | Hewatt                                   |   | An incident report was completed.  |        |
| 6     | Environmental Incident | 15/10/2013 | Road 04 Intersection                    | A dump truck had an engine failure at approx CH840. The truck came to a safe stop with no other damage or injuries.   | Machine Operator                         | Oil and coolant spilt from the container and onto the road formation. This was cleaned up by Hewatt. There was no other damage or injuries. | Oil Spill was cleaned up by Hewatt and the incident was recorded.  | Closed |
| 7     | WHS Near Miss          | 16/10/2013 | Embankment adjacent to Western Abutment | A compactor was working close to the edge of the steep embankment - the machine's front wheels got stuck on the edge of the embankment. The compactor was not meant to be working this close to the steep embankment.       | Compactor Operator                       | The compactor required assistance to get out of the situation.  | The occurrence was recorded as a near miss due to operator error.  | Closed |
| 8     | WHS Incident           | 20/11/2013 | HPD1-HPD2 Site Compound                 | Vandals broke into the site and caused significant damage to the site compound (broken windows), equipment and machinery (water truck graffitied).  | Unknown vandals                          | No injuries or harm was caused to site personnel.   | Police examined the vandalism and lodged a report.   | Closed |
| 9     | WHS Incident           | 13/12/2013 | Block 818                               | A fire was started in the unleased territory Block 818. The fire is thought to have been caused by mowing that took place within the block.   | LDA mowing contractor; Hewatt Site Staff | No injuries or harm was caused to site personnel.   | Hewatt attended the fire with fire extinguishers and a water cart. In January 2014, LDA inspected the mowing and Hewatt informed the representatives of the fire. LDA were to investigate. | Closed |

| ID No | Type         | Date       | Location                               | Incident Description   | Parties Involved      | Consequences of Incident   | Action Taken  | Status |
|-------|--------------|------------|--|--|-----------------------|--|---|--------|
| 10    | WHS Incident | 3/02/2014  | HPD1 - Amaroo School to Jacka Access 1 | A cyclist was identified riding through the asphalted stage of HPD1, within the Limit of Works for HPD1 (which is also used as the entry to HPD2).   | Cyclist, Hewatt       | No parties were injured.   | The cyclist was escorted from the Site by Hewatt staff.   | Closed |
| 11    | WHS Incident | 5/03/2014  | Guardrail beside bridge                | Operator was manoeuvring the post driver into position and ran over his own foot, with the safety bar hitting his shin.                              | Euro Civil; Hewatt    | Swelling and bruising evident on shin and swelling, bruising and numbness in foot. Operator taken to casualty and was discharged. There were 3 days LTI. | Operator taken to casualty and Hewatt completed incident report for recording.  | Closed |
| 12    | WHS Incident | 24/03/2014 | On-site                                | Hewatt workers sitting on tray of ute as it was in motion - dropping sandbags off the back prior to the rain event.                                  | 4 x Hewatt Site Staff | No injuries.   | Workers were addressed and recognised they were operating outside Hewatt's Vehicle Operation Policy.  | Closed |
| 13    | WHS Incident | 1/04/2014  | On-site                                | A police car had driven through the site without signing in or notice to any site staff.   | ACT Police            | No injuries.   | stopped and advised the police car that if they wish to drive through the site, they need to have an induction and sign in.   | Closed |
| 14    | WHS Incident | 2/04/2014  | On site                                | An ACT Government vehicle was attempting to drive through the site to have a look at Taylor and Moncrieff. The car did not stop at the site offices. | ACT Government Car    | No injuries.   | stopped the car and asked the car to leave site - there was no access to through the site as the spray seal was being placed. They were also informed that they needed to sign in and be inducted to go through site unaccompanied. | Closed |

**Appendix B. EOT Register**

**HORSE PARK DRIVE EXTENSION – BURRUMARRA AVE TO MIRRABEI DR Contract**  
**No: 2013.20148.110**

**EOT Register**



|  |                  |          |          |          |
|--|------------------|----------|----------|----------|
| Date of Issue of Letter of Acceptance                          | 26-February-2013 |          |          |          |
| Separable Portion No.  | SP1              | SP2      | SP3      | SP4      |
| Original Duration (Construction Period + Consolidation Period) | 40               | 66       | 62       | 88       |
| Original Date for Practical Completion                         | 3-Dec-13         | 3-Jun-14 | 6-May-14 | 4-Nov-14 |

| EOT Number | Date Raised | Contract Issue Number (if applicable) | Description  | Raised By | EOT Claimed (No of Days) | EOT Granted (No of Days) | Revised Date for Practical Completion |            |            |            | Date Hewatt Advised | Status |
|------------|-------------|---------------------------------------|--|-----------|--------------------------|--------------------------|---------------------------------------|------------|------------|------------|---------------------|--------|
|            |             |                                       |  |           |                          |                          | SP1                                   | SP2        | SP3        | SP4        |                     |        |
| 01         | 17/04/2013  | N/A                                   | Delays to works as a result of For Construction documentation not being provided in a timely manner. |           | 14                       | 0                        | 3/12/2013                             | 3/06/2014  | 6/05/2014  | 4/11/2014  | 17/06/2013          | Closed |
| 02         | 17/04/2013  | N/A                                   | Delays to works as a result of late receipt of Letter of Acceptance                                  |           | 2                        | 0                        | 3/12/2013                             | 3/06/2014  | 6/05/2014  | 4/11/2014  | 17/06/2013          | Closed |
| 03         | 21/06/2013  |                                       | Delays associated with Conservation Mangement Plan Issues  |           | 12                       | 12                       | 19/12/2013                            | 19/06/2014 | 22/05/2014 | 20/11/2014 | 21/06/2013          | Closed |
| 04         | 21/06/2013  |                                       | Wet Weather 12-14 June 2013  |           | 1                        | 1                        | 20/12/2013                            | 20/06/2014 | 23/05/2014 | 21/11/2014 | 21/06/2013          | Closed |
| 05         | 27/07/2013  |                                       | Wet Weather 24 - 25 June 2013  |           | 2                        | 2                        | 7/01/2014                             | 24/06/2014 | 27/05/2014 | 25/11/2014 | 27/06/2013          | Closed |
| 06         | 31/07/2013  |                                       | Wet Weather 16-19 July 2013  |           | 4                        | 4                        | 13/01/2014                            | 14/07/2014 | 2/06/2014  | 1/12/2014  | 31/07/2013          | Closed |
| 07         | 22/08/2013  |                                       | Wet Weather 6th & 8th August 2013  |           | 2                        | 2                        | 15/01/2014                            | 16/07/2014 | 4/06/2014  | 3/12/2014  | 27/08/2013          | Closed |
| 08         | 4/09/2013   |                                       | Wet Weather, Fri 30 August 2013  |           | 1                        | 1                        | 16/01/2014                            | 17/07/2014 | 5/06/2014  | 4/12/2014  | 16/09/2013          | Closed |
| 09         | 25/09/2013  |                                       | Wet Weather - 16-20 September 2013   |           | 5                        | 5                        | 23/01/2014                            | 24/07/2014 | 12/06/2014 | 11/12/2014 | 26/09/2013          | Closed |
| 10         | 27/11/2013  |                                       | Wet Weather - 12-18 November 2013  |           | 5                        | 5                        | 3/02/2014                             | 5/08/2014  | 19/06/2014 | 18/12/2014 | 27/11/2013          | Closed |
| N/A        |             |                                       | Amendment to HPD2 SP1&3 Dates for Practical Completion to coincide with completion of HPD1           |           |                          |                          | 28/03/2014                            | 26/09/2014 | 28/03/2014 | 26/09/2014 | 17/12/2013          |        |

| EOT Number | Date Raised | Contract Issue Number (if applicable) | Description   | Raised By | EOT Claimed (No of Days) | EOT Granted (No of Days) | Practical Completion |            |            |            | Date Hewatt Advised | Status    |
|------------|-------------|---------------------------------------|---|-----------|--------------------------|--------------------------|----------------------|------------|------------|------------|---------------------|-----------|
|            |             |                                       |   |           |                          |                          | SP1                  | SP2        | SP3        | SP4        |                     |           |
| 11         | 22/01/2014  |                                       | Inclement Weather (High Temperatures) 15-17 Jan 2014      |           | 1.5                      | 1.5                      | 31/03/2014           | 29/09/2014 | 31/03/2014 | 29/09/2014 | 23/01/2014          | Closed    |
| 12         | 6/02/2014   |                                       | Inclement Weather (High Temperatures) 29 Jan - 3 Feb 2014 |           | 2                        | 2                        | 2/04/2014            | 7/10/2014  | 2/04/2014  | 7/10/2014  | 6/02/2014           | Closed    |
| 13         | 24/02/2014  |                                       | Wet Weather 19-20 February 2014                           |           | 0.5                      | 0.5                      | 3/04/2014            | 7/10/2014  | 3/04/2014  | 7/10/2014  | 26/02/2014          | Closed    |
| 14         | 6/03/2014   |                                       | Wet Weather 5 March 2014                                  |           | 0.5                      | 0.5                      | 3/04/2014            | 7/10/2014  | 3/04/2014  | 7/10/2014  | 7/03/2014           | Closed    |
| 15         | 31/03/2014  |                                       | Delays due to redesign of pathways beneath bridge         |           | 5                        |                          |                      |            |            |            |                     | Submitted |
| 16         | 31/03/2014  |                                       | Delays due to Wet Weather 24-31 March 2014                |           | 6                        |                          |                      |            |            |            |                     | Submitted |
| TOTALS     |             |                                       |   |           | 63.5                     | 36.5                     |                      |            |            |            |                     |           |

## Appendix C. Issue Register





**ISSUES REGISTER - OPEN**

| Issue Number | Description  | Details  | Date Raised | Action  | Status | Additional Comments |
|--------------|--|--|-------------|---|--------|---------------------|
| 002          | Issues surrounding Springbank Rise (Casey Development) Interface | There were a number of initial concerns from Lend Lease regarding the boundary interface with the HPD2 Project.<br>1. Locations of stockpiles<br>2. Casey Headwall   | 19/04/2013  | The interface with Springbank Rise requires ongoing management. Current issues include ensuring HPD2 completion is well defined at interface.                       | Open   |                     |
| 018          | Outcomes of SMA Investigations on HPD1                           | EDD engaged a consultant to prepare a report for the placement and use of SMA on HPD1. Outcomes of the report may influence the SMA to be used for HPD2.   | 7/02/2014   | Hewatt have submitted a Variation for the changes to the SMA. Hold Points for Mix Designs have also been submitted.   | Open   |                     |
| 019          | Handover & WAE for Practical Completion                          | The requirements for handover of the completed project will be tracked as an issue. HPD2 handover will be completed through Asset Acceptance   | 7/02/2014   | Hewatt has provided a draft schedule for handover and WAE submission.   | Open   |                     |
| 020          | Existing Telstra Pit to be raised at CH40                        | The existing Telstra Pit located at CH 40 requires raising by approximately 500mm to the FSL. This pit connects the HPD2 Telstra conduit to the existing network of conduits along Horse Park Dr. The works require an accredited Telstra subcontractor. | 10/02/2014  | Telstra has prepared a quote for approx. to raise the pit.<br>Hewatt and Telstra are in correspondence to ensure Telstra has a subcontractor that is IRE certified. | Open   |                     |
| 022          | Stone Pitching Finishes on Southern bridge embankment            | EDD have raised issue with the finish of the stone pitching on the southern bridge abutment. Issues include protruding rock, waves in the finished levels and not in accordance with test panel.   | 15/11/2013  | SMEC have issued a formal instruction to remove the stone pitching.   | Open   |                     |
| 023          | HPD1/2 Potential Opening Event                                   | The ACT Government has shown interest in organising an Opening Event for the completion of HPD1 & HPD2.  | 7/03/2014   |   | Open   |                     |

**Appendix D. Variation Register**

**HORSE PARK DRIVE EXTENSION – BURRUMBOORA AVE TO MIRRABEI DR**  
**Contract No: 2013.20148.110**



**VARIATIONS - REGISTER**

| Variation Number | Contract Issue Number | Description   | Price Submitted (excl GST) | Price Agreed (excl GST) | Amount Certified to Date (excl GST) | Classification                  | Support Information | Status |
|------------------|-----------------------|---|----------------------------|-------------------------|-------------------------------------|---------------------------------|---------------------|--------|
|                  |                       | Quantity Overruns/Underruns   |                            |                         |                                     |                                 |                     | Agreed |
| 01               | 003                   | Conservation Management Plan  |                            |                         |                                     | Design/ Document deficiency     |                     | Closed |
| 02               | 003                   | Delays associated with Conservation Management Plan                   |                            |                         |                                     | Latent/ Site Condition          |                     | Closed |
| 03               |                       | Not used  |                            |                         |                                     | Not used                        |                     |        |
| 04               | 003                   | Site Visit by Heritage Consultant to advise on CMP                    |                            |                         |                                     | Design/ Document deficiency     |                     | Closed |
| 05               | 002                   | Regrading of mounds between HPD2 & Springbank Rise                    |                            |                         |                                     | Latent/ Site Condition          |                     | Closed |
| 06               | N/A                   | Changes to the Watermain from Tender                                  |                            |                         |                                     | Scope Change                    |                     | Closed |
| 07               | N/A                   | Supply and Installation of Combined Usage Pole                        |                            |                         |                                     | Contractor Proposed Alternative |                     | Agreed |
| 08               | N/A                   | Select CBR Changes from Design to Construction                        |                            |                         |                                     | Design/ Document deficiency     |                     | Closed |
| 09               | 008                   | Pricing of Missing Pay Items from the Bill of Quantities              |                            |                         |                                     | Design/ Document deficiency     |                     | Agreed |
| 10               | N/A                   | Supply of 375mm uPVC Sewer Pipe not used                              |                            |                         |                                     | Design Improvement              |                     | Closed |
| 11               | N/A                   | Anti-graffiti coating on bridge surfaces                              |                            |                         |                                     | Superintendent Request          |                     | Agreed |
| 12               | 007                   | Survey Works for Fence Realignment at Swale 15                        |                            |                         |                                     | Design/ Document deficiency     |                     | Closed |
| 13               | N/A                   | Additional Works for the Floodway                                     |                            |                         |                                     | Scope Change                    |                     | Closed |
| 16               |                       | Not used  |                            |                         |                                     |                                 |                     |        |
| 17               | 002                   | Additional Works associated with Casey Headwall (excl stone pitching) |                            |                         |                                     | Latent/ Site Condition          |                     | Agreed |
| 18               | 017                   | Additional works with Gas Main from Ch60 - Ch20                       |                            |                         |                                     | Latent/ Site Condition          |                     | Closed |
| 19               |                       | Widening of mowing strip along PD1 fence alignment                    |                            |                         |                                     |                                 |                     | Agreed |

| Variation Number | Contract Issue Number | Description   | Price Submitted (excl GST) | Price Agreed (excl GST) | Amount Certified to Date (excl GST) | Classification                  | Support Information | Status                            |
|------------------|-----------------------|---|----------------------------|-------------------------|-------------------------------------|---------------------------------|---------------------|-----------------------------------|
| 21               | 017                   | Additional works with Telstra from Ch20 - Ch60  |                            |                         |                                     | Latent/ Site Condition          |                     | Closed                            |
| 22               | N/A                   | Additional Length of PD1 Fencing with In-situ Footings  |                            |                         |                                     | Limit of Accuracy               |                     | Closed                            |
| 23               | N/A                   | Additional works to provide drainage to subsoils and carriageway at the end of Mirraabei Dr                                 |                            |                         |                                     | Design/ Document deficiency     |                     | Closed                            |
| 24               |                       | Not used  |                            |                         |                                     |                                 |                     |                                   |
| 25               | 011                   | Additional Shared Trench Road Crossings at CH970 and CH1500   |                            |                         |                                     | Design Improvement              |                     | Closed                            |
| 26               | N/A                   | Deduction for the use of Jute Mesh as opposed to Jute Mat   |                            |                         |                                     | Contractor Proposed Alternative |                     | Agreed                            |
| 27               | N/A                   | Civil works associated with providing Gas main stub to Ngunnawal as required by ZNX/Jemena                                  |                            |                         |                                     | Design/ Document deficiency     |                     | Closed                            |
| 29               | 013                   | HPD1 & HPD2 Quantity Adjustments for Changes in Scope of Works  |                            |                         |                                     | Scope Change                    |                     | Pending                           |
| 30               | N/A                   | Additional Shared Trench at East side of Mirraabei Dr   |                            |                         |                                     | Superintendent Request          |                     | Closed                            |
| 31               | N/A                   | Additional civil & electrical works for electrical supply to streetlight and traffic light controllers (excl ActewAGL work) |                            |                         |                                     | Operational                     |                     | Awaiting further info from Hewatt |
| 34               |                       | Deduction for use of SL82 instead of SL81 in islands  |                            |                         |                                     | Design Improvement              |                     | Agreed                            |
| 36               | 020                   | Raising Telstra Pit to Design Level at CH40   |                            |                         |                                     | Latent/ Site Condition          | Yes                 | To be claimed under 815P2         |
| 38               | 018                   | Change to SMA10 at 30mm and use of RMS R121   |                            |                         |                                     | Design Improvement              |                     | Pending                           |
| <b>TOTALS</b>    |                       |   |                            |                         |                                     |                                 |                     |                                   |

## Appendix E. Estimated Final Contract Value Summary

Horse Park Drive Extension Project (Burrumarra Ave to Mirrabai Dr) - March 2014

**ESTIMATED FINAL CONTRACT VALUE**

Principal: ACT Shared Services Procurement  
 Superintendent: SMEC Australia Pty Ltd  
 Contractor: Hewatt Pty Ltd  
 Contract No: 2013.21048.110

|                                    |  |                                    |                                  | Period Up To    | end of Mar-2014           |
|------------------------------------|--|------------------------------------|----------------------------------|-----------------|---------------------------|
| Section No                         | Description                            | Original Contract Value (excl GST) | Estimated Final Value (excl GST) | Difference      | Quantity Overruns to Date |
| <b>Civil Works</b>                 |  | (1)                                | (2)                              | (3) = (2) - (1) | (4)                       |
| 0                                  | Preliminaries                          | \$                                 |                                  |                 |                           |
| 1                                  | Provision for Traffic                  | \$                                 |                                  |                 |                           |
| 2                                  | Earthworks                             | \$                                 |                                  |                 |                           |
| 3                                  | Underground Services                   | \$                                 |                                  |                 |                           |
|                                    | Excavation and Backfilling             | \$                                 |                                  |                 |                           |
|                                    | Sewerage                               | \$                                 |                                  |                 |                           |
|                                    | Stormwater Drainage                    | \$                                 |                                  |                 |                           |
|                                    | Subsoil Drains                         | \$                                 |                                  |                 |                           |
|                                    | Conduits                               | \$                                 |                                  |                 |                           |
|                                    | Water Supply Mains                     | \$                                 |                                  |                 |                           |
| 4                                  | Flexible Pavement Construction         | \$                                 |                                  |                 |                           |
| 6                                  | Concrete Kerbs, Footpath & Minor works | \$                                 |                                  |                 |                           |
| 7                                  | Road Furniture                         | \$                                 |                                  |                 |                           |
| 8                                  | Incidental works                       | \$                                 |                                  |                 |                           |
| 9                                  | Landscape                              | \$                                 |                                  |                 |                           |
| 10                                 | Road Signs                             | \$                                 |                                  |                 |                           |
| 11                                 | Pavement Marking                       | \$                                 |                                  |                 |                           |
| 13                                 | Traffic Signals                        | \$                                 |                                  |                 |                           |
| 14                                 | Street Lighting                        | \$                                 |                                  |                 |                           |
| 16                                 | Bridge Works                           | \$                                 |                                  |                 |                           |
|                                    | <b>Subtotal:</b>                       | \$                                 |                                  |                 |                           |
| <b>Variations</b>                  |  |                                    |                                  |                 |                           |
|                                    | <b>Subtotal:</b>                       | \$                                 |                                  |                 |                           |
| <b>Quantity Overruns/Underruns</b> |  |                                    |                                  |                 |                           |

Total (Excl GST): \$

GST Applicable: \$

Total (Incl GST): \$

**Appendix F. RFI Register**

REQUEST FOR INFORMATION (RFI) - OPEN OR THIS MONTH



Status Legend:

- Not Urgent
- Moderate Priority (1-2 weeks)
- Urgent (1-2 days)

| RFI Number | Description  | Date Raised | Issued to Designer? | Date issued to Brown | Response From Brown | Discipline:                               | Classification              | Comment | Response Issued to Contractor | Status |
|------------|--|-------------|---------------------|----------------------|---------------------|---|-----------------------------|---------|-------------------------------|--------|
| 116A       | Clarification of sign post locations                                     | 4/03/2014   | No                  |                      |                     | Road Furniture                            | Design Clarification        |         | 4/03/2014                     | Closed |
| 117A       | Clarification of crossfalls provided as part of response to RFI109A      | 6/03/2014   | Yes                 | 6/03/2014            | 13/03/2014          | Concrete Kerbs, Footpaths and Minor Works | Design Clarification        |         | 14/03/2014                    | Closed |
| 119A       | Clarification of backfill requirements for tree planting                 | 14/03/2014  | Yes                 | 14/03/2014           | 14/03/2014          | Landscaping                               | Specification Clarification |         | 14/03/2014                    | Closed |
| 120A       | Clarification of asphalt joints (Bridge site & tie-in to Burrumarra Ave) | 28/03/2014  |                     |                      |                     | Pavement                                  | Design Clarification        |         | 3/04/2014                     | Closed |
| Total = 4  |  |             |                     |                      |                     |   |                             |         |                               |        |

**Appendix G. Public Liaison Register**





**PUBLIC LIAISON REGISTER - ALL**

| Liaison No. | Date Raised | Liaison Initiator              | Person Contacted               | Location           | Description   | Date Actioned | Action Taken  | Status | Comment         |
|-------------|-------------|--------------------------------|--------------------------------|--------------------|---|---------------|---|--------|-----------------|
| 1           | 29/04/2013  | (SMEC)                         | (BNT)                          | Site - General     | Numerous discussions have been held with [redacted] regarding the re-alignment of the Bicentennial National Trail throughout construction.  | 9/05/2013     | Following meeting with [redacted] on-site and agreeing on a re-alignment, signage previously within HPD2 alignment was relocated along the new alignment.                             | Closed |                 |
| 2           | 2/05/2013   |                                | (Lend Lease - Springbank Rise) | CH0-450            | Project Interface Meeting held at SMEC Offices to discuss potential interface issues between the Lend Lease Casey Development and HPD2.   | 2/05/2013     | Minutes of the meeting were taken and actions assigned to each party. This action will be ongoing for the most part of SPI.   | Closed |                 |
| 3           | 29/05/2013  |                                |                                |                    | Hewatt contacted [redacted] regarding access within his property to complete the designed works.  |               | Ongoing meetings are being held with [redacted]   | Closed | Refer to ISS007 |
| 4           | 13/06/2013  |                                |                                | Telephone          | Organised a meeting on 14/06/2013 to discuss fencing works associated with the Project on his property. [redacted] also advised he wished to move his sheep/cattle from [redacted]      | 14/06/2013    | Meeting scheduled for 14/06/2013  | Closed |                 |
| 5           | 14/06/2013  | Site (Hewatt-SMEC)             |                                | - next to          | Meeting held with [redacted] The farmer has asked to drive his stock across the site at the end of July. Fencing location was agreed as well as the installation of an additional gate. | 26/06/2013    | Gate installed and rules put in place to allow [redacted] to relocate his cattle and sheep.   | Closed |                 |
| 6           | 12/06/2013  |                                | John Husband                   | Email              | [redacted] contacted the ACT Government to enquire about the timing of the Horse Park Drive Projects  | 18/06/2013    | John Husband replied to [redacted] advising the estimated completion dates for the two projects.  | Closed |                 |
|             | 12/07/2013  |                                | John Husband                   |                    | [redacted] and John met with [redacted] to discuss works designed within [redacted] and various approvals that may be required to conduct these works (including land withdrawal).      | 16/07/2013    | Hewatt to set up pegs along intended boundary alignment; survey to be undertaken and ACTPLA to be contacted to initiate discussions. Another meeting to be held with [redacted] soon. | Closed |                 |
| 8           | 12/07/2013  | (Lend Lease - Springbank Rise) |                                | Email              | [redacted] was asking about the timing for the completion of the HPD works.   | 16/07/2013    | [redacted] advised [redacted] of the likely completion dates.   | Closed |                 |
| 9           | 16/07/2013  |                                |                                | On site -          | [redacted] and [redacted] met with [redacted] to show him the marked out pegs and to discuss locations of gates, etc.   | 5/08/2013     | Ongoing actions: 1. Get survey plan to show ACTPLA; 2. Initiate withdrawal; 3. Attempt to set up [redacted]   | Closed |                 |
| 10          | 12/07/2013  | Member of Public               | Hewatt Contractors             | Hewatt Site Office | A member of the public called into the site office to ask about the expected completion date of the Project.  | 12/07/2013    | Hewatt advised the person it would likely be completed by mid-2014  | Closed |                 |

Friday, 4 April 2014

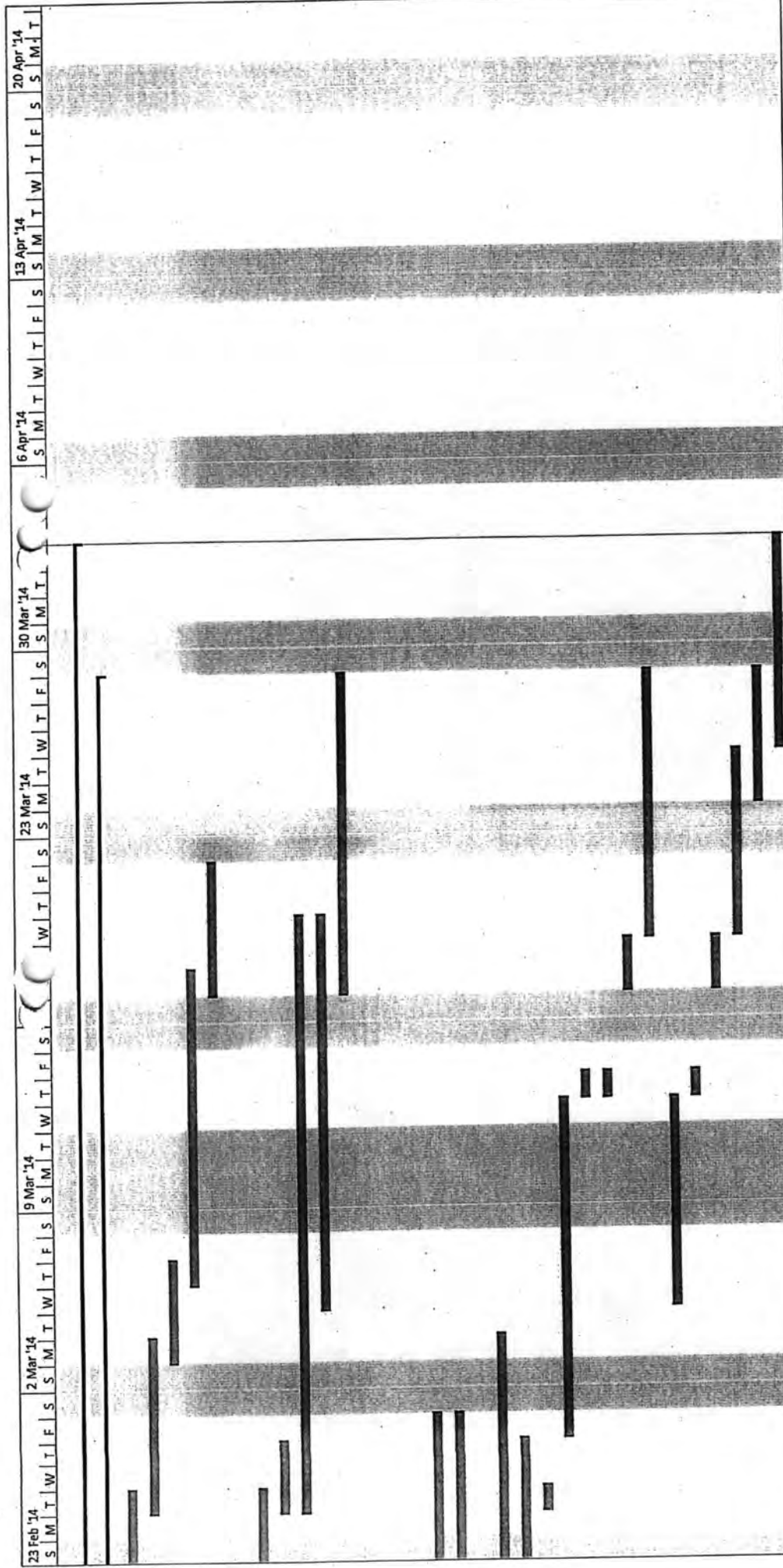
| Liaison No. | Date Raised | Liaison Initiator      | Person Contacted             | Location      | Description   | Date Actioned | Action Taken  | Status | Comment |
|-------------|-------------|------------------------|------------------------------|---------------|---|---------------|---|--------|---------|
| 11          | 5/08/2013   |                        | John Husband                 |               | Meeting with [redacted] to discuss potential to access property prior to land withdrawal. [redacted] did not agree as he is in the process of selling the property  | 5/08/2013     | Hewatt were informed of the situation and alternative arrangements are to be made.  | Closed |         |
| 12          | 7/08/2013   | (through Ben McHugh)   | Patrick Hancock/John Husband | Email         | [redacted] was wondering the staging of the two remaining HPD Projects and possible implications to traffic through Ngunnawal.  | 7/08/2013     | Patrick informed Ben the Jacka/Amaroo end will be completed 1st and then Stage 2 (Casey end).   | Closed |         |
|             | 12/08/2013  |                        | T. Gordon (ACT Government)   | Meeting Venue | T. Gordon attended the [redacted] meeting within the week commencing 12/8/13 to update the meeting on HPD1/HPD2 progress.   | N/A           |   | Closed |         |
| 14          | 6/08/2013   | Member of the Public   | Chief Minister Talk Back     | N/A           | A member of the Public asked a question during the Chief Minister Talk Back time about the timing of the HPD1 and HPD2 Project completion dates.  | 9/08/2013     | A response was due to be issued on Fri 9/8/13.  | Closed |         |
| 15          | 16/08/2013  |                        |                              | Phone         | [redacted] contacted [redacted] regarding works required within [redacted] (which he has a 'grazing licence' on). [redacted] was happy for works to go ahead as long as he was notified and fences remained stockproof.   | 28/10/2013    | Informed [redacted] Refer to Liaison No. 20   | Closed |         |
| 16          | 19/09/2013  |                        |                              | Phone         | [redacted] contacted [redacted] regarding the sale of his land. He advised that settlement is still due on the 30th Sep 2013 and that [redacted] should call after this date and details of the new owner can be exchanged.   | 4/10/2013     | [redacted] contacted [redacted] on the 4th Oct 2013. [redacted] gave the contact details of the new owner and informed [redacted] that the sale was likely to settle on the 4th Oct 2013.   | Closed |         |
| 17          | 1/10/2013   | (Twitter)              | ACT Govt                     | Twitter       | [redacted] was enquiring about completion dates for HPD1 and 2.   | 2/10/2013     | John Husband responded to the appropriate people within ACT Govt, to then give [redacted] an answer   | Closed |         |
| 18          | 4/10/2013   |                        |                              | Phone         | [redacted] contacted [redacted] (new leaseholder of [redacted]) to initiate agreements about accessing his property for the construction of Swale 15 prior to the official land withdrawal. [redacted] was understanding and signed an agreement that was emailed to him a [redacted] | 10/10/2013    | [redacted] will keep [redacted] informed of any Project related activities that will likely affect his property.  | Closed |         |
| 19          | 14/10/2013  |                        |                              | Phone         | [redacted] contacted [redacted] (who has his cattle on agistment in Block [redacted]) to inform him that fencing works for the land withdrawal area were commencing.  | 14/10/2013    | Hewatt completed fencing works surrounding Swale 15 and have isolated the construction area.  | Closed |         |
| 20          | 28/10/2013  |                        |                              | Phone         | [redacted] contacted [redacted] to inform him of works within [redacted] (on which he holds a grazing licence).   | 28/10/2013    | Hewatt are completing works within the property. [redacted] relocated livestock to another paddock whilst works are being completed   | Open   |         |
| 21          | 13/11/2013  | Sharon Harmer (ACTPLA) |                              | Letter        | The formal notice for the withdrawal of land from [redacted] block was sent to [redacted] and [redacted]. The date of withdrawal will be 4 February 2014.   | 13/11/2013    | N/A   | Closed |         |
| 22          | 16/12/2013  |                        |                              | Phone         | [redacted] called up about a few problems with the fencing along the eastern side of HPD where he has a grazing licence on LDA land. There were 3 locations that needed fixing.   | 18/12/2013    | Hewatt repaired the fences such that they were stockproof for the Christmas shutdown period. [redacted] returned [redacted] phone call to inform him that the fences had been fixed (a more permanent fix will be completed in 2014). | Closed |         |

Friday, 4 April 2014

| Liaison No. | Date Raised | Liaison Initiator | Person Contacted | Location        | Description  | Date Actioned | Action Taken  | Status | Comment |
|-------------|-------------|-------------------|------------------|-----------------|--|---------------|---|--------|---------|
| 23          | 16/01/2014  | Hewatt            | (Lend Lease)     | Phone           | Hewatt Informed Lend Lease that trenching works within Springbank Rise would commence on Monday 20 Jan 2014. Lend Lease did not have any issues with this.   | 31/01/2014    | None required. Lend Lease will be informed when works are complete.   | Closed |         |
| 24          | 30/01/2014  | (Lend Lease)      |                  | Email           | I was asking about the likely completion date for Hewatt's trenching works within Springbank Rise  | 31/01/2014    | responded to Lend Lease, informing them that the trenching work would be completed within Springbank Rise by mid-week commencing 3/2/14 | Closed |         |
| 25          | 13/02/2014  |                   | (Lend Lease)     | Email           | contacted to inform him that the Burrumarra Ave asphalt wearing course works would not be undertaken by the HPD2 Project. Therefore there wouldn't be TTMPs disturbing the entrance of Springbank Rise |               | N/A   | Closed |         |
| 26          | 17/02/2014  | (Lend Lease)      |                  | Email           | I was wondering when the stockpiles were going to be bitumen straw mulched as he was organising a TaMS inspection and the stockpiles would form part of this.  | 18/02/2014    | has been in contact with to coordinate these works. These works are exclusive of HPD2.  | Open   |         |
| 27          | 20/02/2014  | Cyclist           |                  | Burrumarra Ave  | A cyclist was looking for the Bicentennial National Trail and his GPS was directing him into the site. & directed him through Ngunnawal to get to Mirrabal Dr.   | 20/02/2014    | & directed him through Ngunnawal to get to Mirrabal Dr.   | Closed |         |
| 28          | 12/03/2014  | Member of Public  | Canberra Connect | Telephone       | Resident was wanting to know the completion date for the Horse Park Dr Extension.  | 17/03/2014    | John Husband advised the caller HPDE will be completed in April 2014.   | Closed |         |
| 29          | 24/03/2014  |                   | (Lend Lease)     | Springbank Rise | Hewatt and SMEG met with Lend Lease to discuss handover issues associated with HPD2 and SBR Interface.   | 24/03/2014    | N/A   | Closed |         |

**Appendix H. Program**





Project: Horse Park Dr 2  
Date: Fri 14/02/14

|           |                    |                    |                       |                 |
|-----------|--------------------|--------------------|-----------------------|-----------------|
| Task      | Project Summary    | Inactive Milestone | Manual Summary Rollup | Deadline        |
| Split     | External Tasks     | Inactive Summary   | Manual Summary        | Progress        |
| Milestone | External Milestone | Manual Task        | Start-only            | Manual Progress |
| Summary   | Inactive Task      | Duration-only      | Finish-only           |                 |

**Appendix I. Photograph**



*Image 01: Preparation of base material between Burrumarra Ave and the bridge*



*Image 02: Priming completed from HPD1 to Road 04 Intersection*



Image 03: Pre-coated aggregate for the 14/7mm seal delivered to site by Hanson



Image 04: Construction of stone pitched retaining wall beside floodway





## Husband, John

**From:** @smec.com]  
**Sent:** Wednesday, 30 April 2014 2:43 PM  
**To:** Hancock, Patrick; Husband, John  
**Cc:** Cargill, James;  
**Subject:** HPD2 - Practical Completion, EOTs and Handover  
**Attachments:** 20140430 HPD2 EOT\_Register.pdf

Pat, John & James,

Following on from discussions yesterday between Pat, James, and myself, below is just a brief summary on the current PC situation for HPD2. The following are just a few general notes on the Project and were discussed yesterday on the topic of enforcing liquidated damages.

The current contractual date for PC for both SP1 & 3 (Civil Works Separable Portions) was on Monday 28 April 2014. As you are aware (and shown within the attached EOT Register), Hewatt and ACT Government mutually agreed to change the contractual dates for PC for the separable portions of HPD2. This was done to allow Hewatt to more efficiently resource both HPD1 and HPD2 to allow the opening of the entire section in the least time possible. For HPD2, SP1 & 2 were given a positive EOT and SP3 & 4 were given a negative EOT. I've included a brief summary below of what the dates for PC would have looked like if this change had not occurred.

|   |   | A                        | B                       |                          |
|---|---|--------------------------|-------------------------|--------------------------|
| SP  | Location  | Original Date for PC*    | Current Date for PC*    | Date for PC aligned (ln) |
| SP1   | Burrumarra Ave to CH600 - Civil works, excluding landscaping. | Tuesday, 3 December 2013 | Monday, 28 April 2014   | Thursday, 13 Feb 2014    |
| SP2   | Burrumarra Ave to CH600 - all landscaping woks.               | Tuesday, 3 June 2014     | Monday, 27 October 2014 | Thursday, 14 Aug 2014    |
| SP3   | CH600 to HPD1 Interface - Civil works, excluding landscaping. | Tuesday, 6 May 2014      | Monday, 28 April 2014   | Tues, 15 Jul 2014        |
| SP4   | CH600 to HPD1 Interface - all landscaping woks.               | Tuesday, 4 November 2014 | Monday, 27 October 2014 | Tuesday, 13 Jan 2014     |
| * Date for end of consolidation period shown for SP 2 & 4 |   |                          |                         |                          |

As you can see from the table, if the Project was completed on Monday, it would have been completed over 2 ½ months before the original completion date (providing access for traffic through HPD). At the moment we are likely looking at a mid to late May 2014 PC, which will still see the entire HPD opened approx. 2 months prior to the original contract date.

It is also worth noting that the Contract's definition of "Practical Completion" is quite tight for this project (when compared to past projects) – refer Clause 14.06 of SCC. Under the Contract PC is not simply defined as when the project is "practically complete" (ie. when trafficable), it also requires all defects to be rectified, acceptance by authorities, WAE information and Quality Records submitted in acceptable format. This does make awarding PC a more stringent process for the Superintendent and this is why I believe we will be looking at the end of May or early June 2014 to complete all these items to achieve PC as per the Contract.

That all being said, it was also discussed that generally the contract has been carried out in a very positive fashion and Hewatt have not (as yet anyway) submitted any exuberant claims and have probably "left" a few EOTs and Variations "out there". A few notes on some of the issues we've had and how they have been dealt with:

- Heritage issues with CMP at the start of the Project (could have been resolved during planning/design) – commencement of works was delayed for 12 working days (including the bridge – critical path) and 12 days

EOT were granted. Hewatt submitted costs for the delay of only could have been a lot higher.

This claim

- Restricted access into Block 814 (should have been resolved during planning/design) – Hewatt could not construct Swale 15 as it was designed within a rural property. Access to the property was only gained on 9 October 2013 (7 ½ months after contract award). Hewatt had to rearrange the program to suit. No costs or EOTs for this issue have been claimed by Hewatt.
- There have been a number of relatively significant design errors associated with the approach to the bridge and the works beneath the bridge in recent months/weeks. Hewatt have only claimed 5 days EOT for a single change beneath the bridge (Hewatt has stated they will not be seeking costs associated with this EOT). There are potentially a number of EOTs that could have (and can still) be claimed here. There have been a number of additions to the design within the last week (including the addition of the path extension at Whitrod Ave). Given the nature of these EOTs, they will likely come with an associated cost.
- Telstra are yet to carry out works on their existing pit at CH40. This is an ongoing issue and will likely be one of the last things to be completed.
- The stone pitching issue is really the only major negative issue we have had on the Project.

The above is for information and discussion.

Regards,

| Superintendent's Representative

**SMEC Australia**

Suite 2, Level 1, 243 Northbourne Avenue, Lyneham, ACT, 2602, Australia

T | F | M  
:@smec.com | [www.smec.com](http://www.smec.com) | [LinkedIn](#)

---

**SMEC SNOWY MOUNTAINS ENGINEERING CORPORATION**

*Local People. Global Experience.*

Disclaimer: The information contained in this e-mail and any attached file is confidential. It is intended solely for the addressee, and may not be used, reproduced, disclosed or distributed without SMEC's permission. SMEC accepts no liability for loss or damage (whether caused by negligence or not) resulting from the use of any attached files.

Please consider the environment before printing this email.

---

This e-mail has been scanned for viruses by Symantec.Cloud.

Husband, John

From: [smec.com]  
 Sent: Monday, 5 May 2014 12:36 PM  
 To: Husband, John  
 Cc: Hancock, Patrick; HPDE;  
 Subject: 2014 05 05 HPD2 - Contract Value Remaining  
 Attachments: HPD2\_Payment Tracking Sheet\_March 2014\_for JH.pdf

Hi John,

I have attached the "Payment Tracking - Claims" Summary for the end of March 2014. I've highlighted the major items that still with significant amounts to claim. More specifically, I've included a table below of the significant Pay Items with amounts still to be claimed:

| Bill of Quantities   Horse Park Drive Extension, Burrumarra Avenue to Mirabel Drive, ACT   Contract no: 2013.20148.110 |  |          |       |                                   | April Claim                 | Balance |
|--|--|----------|-------|-----------------------------------|-----------------------------|---------|
| Pay Item   | Description of Work  | Quantity | Unit  | Rate (excl GST) Amount (excl GST) | Amount Remaining (excl GST) |         |
| <b>1 PRELIMINARIES</b>   |  |          |       |                                   |                             |         |
| 101P6  | Additional Work as Directed by the Superintendent                | 1        | Item  |                                   |                             |         |
| <b>4.0 FLEXIBLE PAVEMENT CONSTRUCTION</b>  |  |          |       |                                   |                             |         |
| 403P1.6  | Cycleways  | 850      | m3    |                                   |                             |         |
| 404P1.1  | AMC00 - <i>completed</i>   | 36,100   | Litre |                                   |                             |         |
| 404P1.8  | Quick Dry Prime (QDP) - <i>completed</i>                         | 250      | Litre |                                   |                             |         |
| 404P2  | Supply and Spray Binder - Class 170 Bitumen - <i>completed</i>   | 79,500   | Litre |                                   |                             |         |
| 404P8  | SAMI (S-ASR) Seal - <i>completed</i>                             | 300      | Litre |                                   |                             |         |
| 404P8.2  | 7mm aggregate (precast) - <i>completed</i>                       | 170      | m3    |                                   |                             |         |
| 404P6.4  | 14mm aggregate (precast) - <i>completed</i>                      | 280      | m3    |                                   |                             |         |
| 405P7.12   | SMA-H 14mm Nominal Size - <i>completed</i>                       | 2,800    | Tonne |                                   |                             |         |
| 405P11.3   | FGG-R  | 330      | Tonne |                                   |                             |         |
| <b>6.0 CONCRETE KERBS, FOOTPATHS AND MINOR WORKS</b>   |  |          |       |                                   |                             |         |
| 603P2.3  | 150mm Thick Concrete Paving - Traffic Islands - <i>completed</i> | 1,960    | m2    |                                   |                             |         |
| <b>8.0 INCIDENTAL WORKS</b>  |  |          |       |                                   |                             |         |
| 815P2  | Works by Telstra - <i>outstanding</i>                            | 1        | s     |                                   |                             |         |
| <b>9.0 LANDSCAPING</b>   |  |          |       |                                   |                             |         |
| 908P1  | Grassing   | 65,000   | m2    |                                   |                             |         |
| 908P1  | Burden and Straw Mulching  | 65,000   | m2    |                                   |                             |         |
| 909P1.1  | Native Trees 1m Min. spring ring                                 | 287      | No    |                                   |                             |         |
| 909P1.2  | Exotic Trees 2.5m Min.   | 96       | No    |                                   |                             |         |
| 911P1  | Consolidation  | 26       | Weeks |                                   |                             |         |
| <b>10.0 ROAD SIGNS</b>   |  |          |       |                                   |                             |         |
| 10   | Road Signs   |          |       |                                   |                             |         |
| <b>11.0 PAVEMENT MARKING</b>   |  |          |       |                                   |                             |         |
| 11   | Pavement Marking   |          |       |                                   |                             |         |

\* Other outstanding item is the issue of the stone pitching

Please let me know if you need any more info.

Thanks,

Superintendent's Representative  
 SMEC Australia  
 T | M

**From:** Husband, John [mailto:John.Husband@act.gov.au]  
**Sent:** Monday, 5 May 2014 12:05 PM  
**To:**  
**Subject:** RE: HPD2 - Contract Value Remaining

Hi

Can I get a breakdown please of the major items.

Many thanks

**John Husband** | Senior Project Manager  
Phone 02 6205 2920 | Fax 02 6207 6621 | Mobile  
Infrastructure and Capital Works | Economic Development Directorate | ACT Government  
Level 6, TransACT House, 470 Northbourne Ave, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601 [www.edd.act.gov.au](http://www.edd.act.gov.au)

---

**From:** [mailto:\_\_\_\_\_@smec.com]  
**Sent:** Monday, 5 May 2014 11:57 AM  
**To:** Husband, John  
**Cc:** Hancock, Patrick; HPDE  
**Subject:** RE: HPD2 - Contract Value Remaining

Hi John,

I thought I would also add that the Total Contract Value below includes 100% of the scheduled amounts for Provisional Sum and Provisional Quantity Items. These are likely to come in at approx. (pushing the amount owing to more like the

below the scheduled amounts

Regards,

| Superintendent's Representative  
**SMEC Australia**  
T | M

---

**From:**  
**Sent:** Monday, 5 May 2014 11:50 AM  
**To:** Husband, John (John.Husband@act.gov.au) (John.Husband@act.gov.au)  
**Cc:** Patrick.Hancock@act.gov.au; HPDE  
**Subject:** HPD2 - Contract Value Remaining

John,

Please see below. Approx. : remaining for HPD2.

All figures including GST

---

Original Contract Value

---

Total Variations (subject to changes)

---

Total Contract Value

---

Total Invoices Paid (following payment  
of March 2014 Claim)

---

Total Contract Value remaining

Please let me know if you need anymore detail.

Regards,

| Superintendent's Representative  
**SMEC Australia**  
Suite 2, Level 1, 243 Northbourne Avenue, Lyneham, ACT, 2602, Australia  
T | F | M  
:@smec.com | www.smec.com | LinkedIn

---

**SMEC SNOWY MOUNTAINS ENGINEERING CORPORATION**

*Local People. Global Experience.*

Disclaimer: The information contained in this e-mail and any attached file is confidential. It is intended solely for the addressee, and may not be used, reproduced, disclosed or distributed without SMEC's permission. SMEC accepts no liability for loss or damage (whether caused by negligence or not) resulting from the use of any attached files.

Please consider the environment before printing this email.

---

This e-mail has been scanned for viruses by Symantec.Cloud.

---

This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.

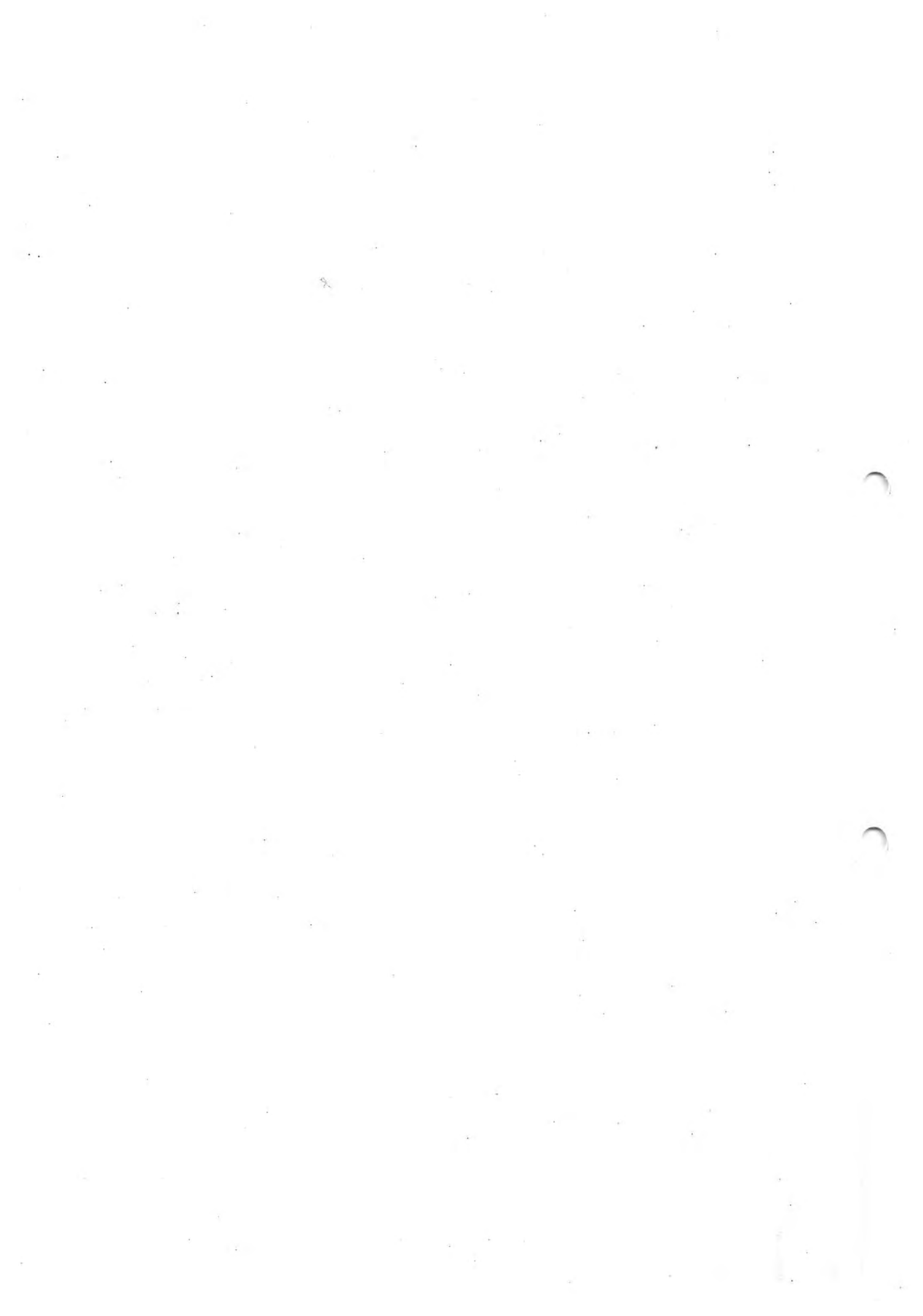
---

---

This e-mail has been scanned for viruses by Symantec.Cloud.

---

This e-mail has been scanned for viruses by Symantec.Cloud.



**HORSE PARK DRIVE EXTENSION  
BURRUMARRA AVENUE to MIRRABEI DRIVE**



**HEWATT**



**WEEKLY REPORT FOR WEEK ENDING: 3 May 2014**

---

**1. WHS**

- a. Site inductions continuing, 219 personnel to date

**2. Traffic Management**

- a. No changes – construction vehicles using carriageway (with SMA) for access throughout the site.

**3. Design**

- a. *Clarification on TCDs and termination of path adjacent to Whitrod Ave (RFI121A)* – response has been issued to Hewatt. The response includes the addition of a concrete footpath at Whitrod Ave.
- b. *Interface between trunk path and pram crossings (RFI123A)* – Hewatt have raised a query regarding how the trunk paths are to be tied in to the pram crossings at Road 04 and Mirrabai Dr Intersections. SMEC will reply to this RFI today.
- c. *Temporary TCD for road stubs – RD Gossip has received approval of the TTMP from Roads ACT. SMEC will forward these onto Hewatt.*

**4. Construction**

- a. Placement of SMA pavement completed
- b. Stone pitching at the northern side of the floodway and under the bridge completed;
- c. Preparation of base for the equestrian path completed and placement of concrete completed to CH70;
- d. Preparation of base for the shared path under the bridge continuing;
- e. Placement of decomposed granite under the guardrail completed;
- f. FGG asphalt placed on the shared path from HPD1 to CH90. The last section to a tie in with Ngunnawal will be completed when the Telstra pit issue is resolved;
- g. Concrete infill in traffic island completed;
- h. Pram ramps for the interface between carriage way and shared path completed;
- i. Footpath base and formwork for the footpath between Burrumarra intersection pram ramp and Casey footpath completed;
- j. Landscaping works across site continued including removal of sed and erosion controls and the spreading of topsoil.

**5. Meetings**

- a. Fortnightly site meeting held on Friday 2<sup>nd</sup> May 2014. Minutes will be sent through shortly.

**6. Issues**

- a. *Raising of Telstra Pit at CH40* – Telstra are still looking for an industry specialist with ACT IRE Certification. Tenders closed 22 April 2014. Hewatt are in frequent contact with Telstra to get any updates on the situation. John Husband was going to try to call \_\_\_\_\_ to see if the issue can be progressed;
- b. *Excess material potentially requiring disposal* – spreading of stockpile material has commenced and it appears no disposal of spoil of site will be necessary. Final shaping works are being prepared;

- c. *Stone-pitching finishes (ISS022)* – Hewatt, SMEC, EDD and SSP will meet on Thursday 8 May 2014 to try to achieve an outcome:

**7. Payments**

- a. Progress Claim No. 13 – April 2014 to be submitted on Wed 7 May 2014;
- b. SMEC has notified Hewatt that payment will only be certified when quality documentation is received.

**8. Activities Planned for the Upcoming Fortnight**

- a. Commence line marking and installation of signs;
- b. Complete placement of concrete in the equestrian and shared paths under the bridge;
- c. Landscape activities to continue across the site – topsoiling, seeding, straw mulching and bitumen spraying;
- d. Tree planting to commence
- e. Construct concrete footpath from Burrumarra Avenue intersection pram crossing to Casey footpath ;
- f. Complete interface between the shared path and carriageway pram crossings ;
- g. Commence rectification of defects – cracks in K&G, etc.

Superintendent's Representative  
Horse Park Drive Extension, Burrumarra Ave – Mirrabei Dr  
SMEC Australia Pty Ltd  
E: [@smec.com](mailto:@smec.com) Ph:



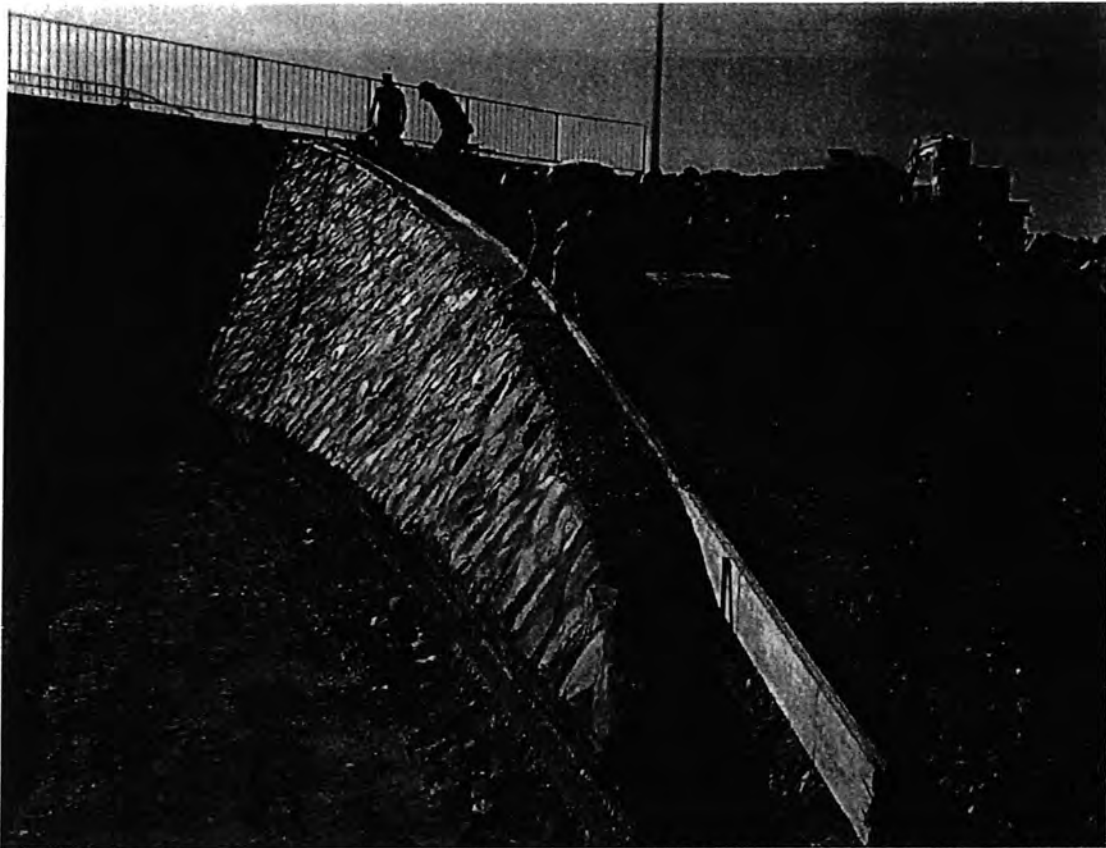
Photos



Decomposed granite under the north east bridge guard rail



Placement FFG asphalt on the shared path



Placement of concrete for north east bridge abutment mowing strip



Equestrian and shared paths

# HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



## MEETING: SITE MEETING - AGENDA

**LOCATION:** Project Site Office, Horse Park Drive, Jacka  
**DATE:** Friday, 2 May 2014  
**TIME:** 10.30am

**ATTENDEES:**  
**Economic Development Directorate:** Michael McGrath (MM) *Apol*  
 John Husband (JH)  
 Michael Sergi (MS)  
**Shared Services Procurement:** Patrick Hancock (PH) *-Apol*  
 James Cargill (JC)

**Brown:**

**SMEC:**

**Hewatt:**

| No.              | Item Description  | Action           |  |  |           |                              |             |           |                                  |             |            |
|------------------|---|------------------|--|--|-----------|------------------------------|-------------|-----------|----------------------------------|-------------|------------|
| 01.              | WHS   |                  |  |  |           |                              |             |           |                                  |             |            |
| 02.              | Review Previous Minutes / Matters Arising   |                  |  |  |           |                              |             |           |                                  |             |            |
| 03.              | Design <ul style="list-style-type: none"> <li>RFIs: 123 submitted; 1 open</li> </ul>  |                  |  |  |           |                              |             |           |                                  |             |            |
| 04.              | Site Compound   |                  |  |  |           |                              |             |           |                                  |             |            |
| 05.              | Program<br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">Current PC Dates</th> </tr> </thead> <tbody> <tr> <td>SP1 &amp; SP3</td> <td>Civil, Burrumarra Ave – HPD1</td> <td>28 Apr 2014</td> </tr> <tr> <td>SP2 &amp; SP4</td> <td>Landscape, Burrumarra Ave – HPD1</td> <td>27 Oct 2014</td> </tr> </tbody> </table> | Current PC Dates |  |  | SP1 & SP3 | Civil, Burrumarra Ave – HPD1 | 28 Apr 2014 | SP2 & SP4 | Landscape, Burrumarra Ave – HPD1 | 27 Oct 2014 | <i>EOT</i> |
| Current PC Dates |   |                  |  |  |           |                              |             |           |                                  |             |            |
| SP1 & SP3        | Civil, Burrumarra Ave – HPD1  | 28 Apr 2014      |  |  |           |                              |             |           |                                  |             |            |
| SP2 & SP4        | Landscape, Burrumarra Ave – HPD1  | 27 Oct 2014      |  |  |           |                              |             |           |                                  |             |            |
| 06.              | Environmental   |                  |  |  |           |                              |             |           |                                  |             |            |
| 07.              | Industrial Relations  |                  |  |  |           |                              |             |           |                                  |             |            |
| 08.              | Traffic   |                  |  |  |           |                              |             |           |                                  |             |            |
| 09.              | Community   |                  |  |  |           |                              |             |           |                                  |             |            |
| 10.              | Staffing  |                  |  |  |           |                              |             |           |                                  |             |            |
| 11.              | Utilities   |                  |  |  |           |                              |             |           |                                  |             |            |
| 12.              | Issues  |                  |  |  |           |                              |             |           |                                  |             |            |
| 13.              | EOT <ul style="list-style-type: none"> <li>EOT Status (17 submitted): 65.5 Days Claimed; 49.5 Days Granted</li> </ul>   |                  |  |  |           |                              |             |           |                                  |             |            |
| 14.              | Variations <ul style="list-style-type: none"> <li>Status (including BoQ over/underruns) Submitted; <i>↓</i> Endorsed; Certified for payment (as at end of Mar '14)</li> </ul>   |                  |  |  |           |                              |             |           |                                  |             |            |
| 15.              | Progress Claims   |                  |  |  |           |                              |             |           |                                  |             |            |
| 16.              | Quality Assurance <ul style="list-style-type: none"> <li>HPs: 349 raised; 17 open</li> <li>NCRs: 32 raised</li> </ul>   |                  |  |  |           |                              |             |           |                                  |             |            |
| 17.              | Working hours and days  |                  |  |  |           |                              |             |           |                                  |             |            |
| 18.              | Construction Matters  |                  |  |  |           |                              |             |           |                                  |             |            |

|     |  |  |
|-----|--|--|
| 19. | Subcontractors   |  |
| 20. | Next Meeting(s) <ul style="list-style-type: none"><li>• Friday, 16 May 2014 – Site Meeting (if required)</li></ul> |  |
| 21. | Other?   |  |

**HORSE PARK DRIVE EXTENSION  
BURRUMARRA AVENUE to MIRRABEI DRIVE**



**MEETING: SITE MEETING - MINUTES**

**LOCATION:** Project Site Office, Horse Park Drive, Jacka  
**DATE:** Friday, 4 April 2014  
**TIME:** 10.30am

**ATTENDEES:**  
**Economic Development Directorate:** Michael McGrath (MM)  
 John Husband (JH)  
 Michael Sergi (MS)  
**Shared Services Procurement:** Patrick Hancock (PH)  
 James Cargill (JC)

**Brown:**

**SMEC:**

**Hewatt:**

| No. | Item Description   | Action                                     |
|-----|--|--|
| 01. | <p>WHS</p> <ul style="list-style-type: none"> <li>There have been 2 incidents (non-notifiable) since the last site meeting. Both involving unauthorised vehicles entering the site. A police car and an ACT Government (LDA) were stopped and told to exit the site unless the required WHS inductions/sign-ins were completed.</li> <li>No reports or draft reports have been received from either the Project or the ACT Government from Kaizen/ in relation to the follow up <u>WHS audit held on 17 March 2014.</u></li> <li>forwarded on ACT Govt/EDD's Monthly WHS Checklist (to be completed by the Contractor) to Hewatt. It was decided the checklist would be submitted monthly with the claim.</li> <li>asked if the WHS Guidelines used by ACT Govt would be sent out to Contractors and Consultants. It was noted that the Checklist to be completed by the Contractor was Appendix 5 of the entire Interim WHS Guidelines. <u>JH will enquire to see if these Guidelines will be made available to Contractors and Consultants.</u></li> </ul> | <p>Kaizen/SSP</p> <p>Hewatt/</p> <p>JH</p> |
| 02. | <p>Review Previous Minutes / Matters Arising</p> <ul style="list-style-type: none"> <li>The Project will continue to keep EDD Communications informed of an approx. completion/road opening date – for the purposes of an opening event. JH will act as the liaison between the Project and EDD Communications. <u>JH has advised that the completion date will likely be in May 2014. - End May</u></li> </ul>  | <p>Check Program.</p> <p>JH</p>            |
| 03. | <p>Design</p> <ul style="list-style-type: none"> <li>RFIs: 120 submitted; 0 open</li> <li>JH sent an email with responses to queries regarding the use of RMS R121 Specification. JH will respond to query regarding the performance requirements in Clause 1.1 and their application at intersections. - <u>Completed</u></li> <li>had sent MM/EDD an email with comments on the use of SMA at intersections/high stress locations. The use of SMA at intersections in ACT is common, however it is avoided in NSW.</li> </ul>  | <p>JH</p>                                  |

|  | <ul style="list-style-type: none"> <li>noted that the query from (&amp; SMEC) regarding Clause 1.1 was not raised in order to propose an alternative asphalt type at the intersection, but more to change the wording of the clause such that it was fair for the Contractor. noted that if the performance requirements within Clause 1.1 were not met in areas other than intersections, there would still likely be assessment/ investigation into the cause and the Contractor would be unlikely to claim full responsibility without a cause being established or an investigation being carried out.</li> <li>It was noted that the RMS Specification has to account for large road networks (eg. Hume Highway, etc.) with high traffic flow (and heavy vehicle networks) whereas the majority of the ACT's road network would not be as heavily trafficked as these roads.</li> <li>JH noted that he had responded to the LDA re: Action Bus Stops on HPD – ie. they will not be constructed as Action raised interest too late in the construction process.</li> <li>The temporary kerbing arrangement intended for CH60-90 will be reviewed following SMA works. – Lease with Browns</li> <li>to raise RFI to Brown asking whether the concrete path adjacent to Whitrod Ave (from Springbank Rise) should be extended as part of HPD2's works. There is no provision for extending the path in the current design. – Work has commenced. to extend Path</li> <li>will confirm a few more details on the chase required at Burrumarra Ave (RF1120A) ✓</li> </ul> |                  |  |  |           |                              |             |           |                                  |             |   |
|--|---|------------------|--|--|-----------|------------------------------|-------------|-----------|----------------------------------|-------------|---|
| 04.  | Site Compound <ul style="list-style-type: none"> <li>Looking to remove Site Compound (last week of April) 2014. – Tidy up L/S</li> </ul>  |                  |  |  |           |                              |             |           |                                  |             |   |
| 05.<br><br>SMA completed<br>95% cycle path<br>L/S.<br>Complete by end of Next wk | Program <ul style="list-style-type: none"> <li>to send through updated program showing revised dates for completion (following wet weather).</li> <li>75% of seal has been placed, CH60-bridge (and SAMI seal on bridge to be completed). These are planned to be completed on Tuesday 8 April.</li> <li>noted Downer will commence SMA works on Tuesday 8 April – starting at HPD1 and working up towards HPD2. There will only be 1 crew working until HPD2 completed. SMA works may take 8-10 days.</li> <li>EOT No. 15 &amp; 16 have been submitted by Hewatt.</li> </ul> <table border="1"> <thead> <tr> <th colspan="3">Current PC Dates</th> </tr> </thead> <tbody> <tr> <td>SP1 &amp; SP3</td> <td>Civil, Burrumarra Ave – HPD1</td> <td>03 Apr 2014</td> </tr> <tr> <td>SP2 &amp; SP4</td> <td>Landscape, Burrumarra Ave – HPD1</td> <td>07 Oct 2014</td> </tr> </tbody> </table>   | Current PC Dates |  |  | SP1 & SP3 | Civil, Burrumarra Ave – HPD1 | 03 Apr 2014 | SP2 & SP4 | Landscape, Burrumarra Ave – HPD1 | 07 Oct 2014 | Supply of exotic tree - RFT<br>Telstra Works!<br>→ PC<br>JH to call |
| Current PC Dates   |   |                  |  |  |           |                              |             |           |                                  |             |   |
| SP1 & SP3  | Civil, Burrumarra Ave – HPD1  | 03 Apr 2014      |  |  |           |                              |             |           |                                  |             |   |
| SP2 & SP4  | Landscape, Burrumarra Ave – HPD1  | 07 Oct 2014      |  |  |           |                              |             |           |                                  |             |   |
| 06.  | Environmental <ul style="list-style-type: none"> <li>noted that two representatives from ACT EPA visited the site on 25 Mar 14 to inspect the set up and ensure that works were being completed in accordance with the waterway licence. They were very happy with the set-up, looking particularly at the floodway.</li> <li>noted that at the meeting with Lend Lease, (Lend Lease) accepted that silt from Springbank Rise (SBR) had been washed into HPD2's floodway – offered to clean this up for Hewatt.</li> <li>noted that with the strike from the grass in SBR's floodway, the water coming from the Headwall was more of a concern (it was not clean). This water would pick a lot of the material left on the road by builders.</li> </ul>   | I I I            |  |  |           |                              |             |           |                                  |             |   |

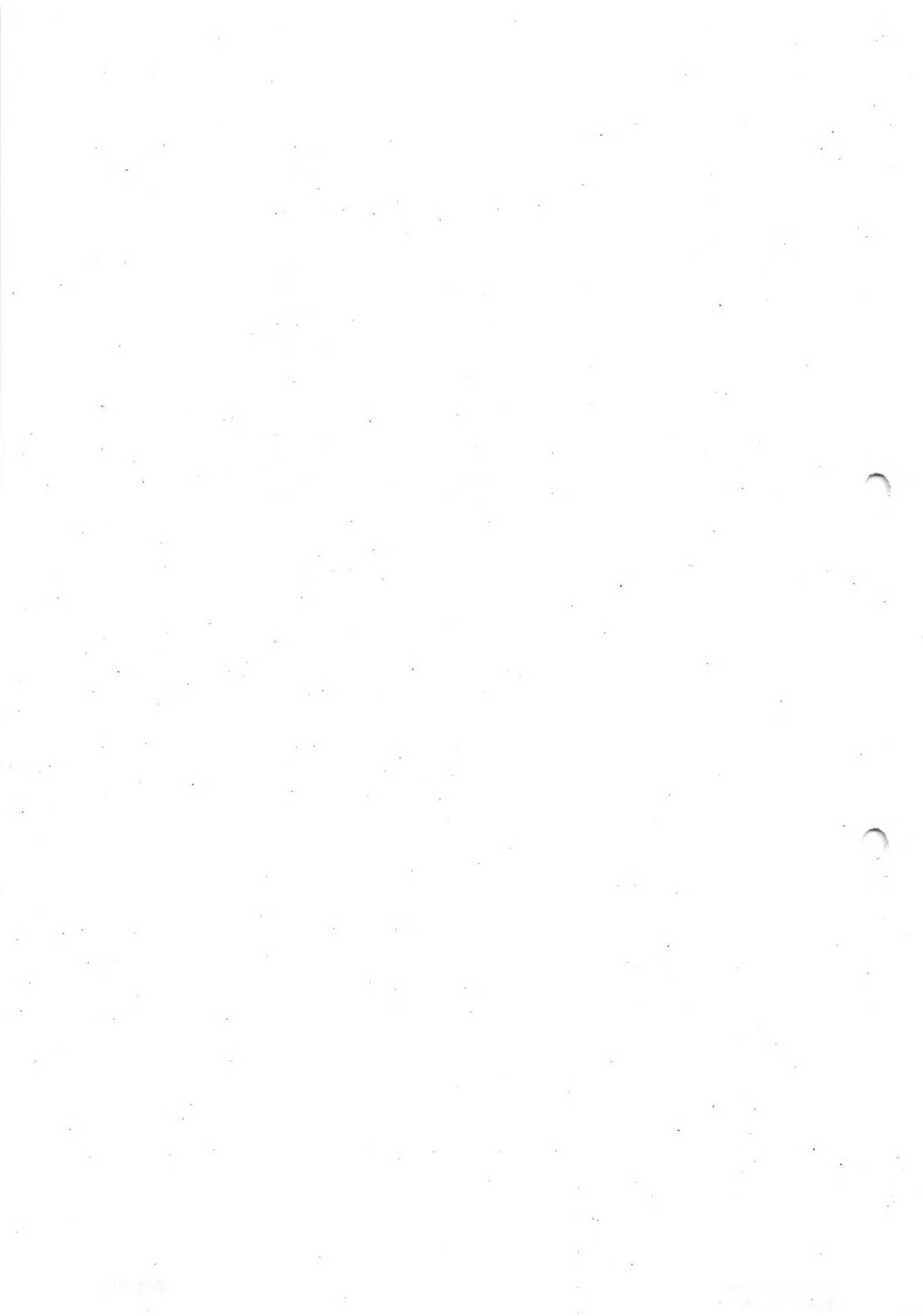
|                              |  |  |
|------------------------------|--|--|
| <p>07.</p> <p>JH to call</p> | <p>Industrial Relations</p> <ul style="list-style-type: none"> <li>• <b>Raising Telstra Pit at CH40:</b> noted that Telstra had identified a suitable contractor (with ACT IRE Certification) to complete the works. Contractual arrangements were being made. Telstra will inform Hewatt of any changes to the previously submitted quote. <ul style="list-style-type: none"> <li>○ Telstra are hoping to get back to Hewatt in the next week – completing the works may take an additional ~ 2 weeks.</li> <li>○ noted the civil works by Hewatt surrounding the Pit will only take ~2 weeks to complete.</li> <li>○ will take notes on Telstra's resources and time spent to complete the Pit works.</li> </ul> </li> </ul>   |  |
| <p>08.</p>                   | <p>Traffic</p> <ul style="list-style-type: none"> <li>• has been in correspondence with Cameron Glassford regarding preparations for the operation of the traffic lights at Mirrabei Dr.</li> <li>• Power to the mini-pillars is due to be turned on next week (week starting 7 Apr. 14).</li> </ul>   |  |
| <p>09.</p> <p>✓</p>          | <p>Community</p> <ul style="list-style-type: none"> <li>• met with : of Lend Lease (Casey – Springbank Rise) to discuss interface issues – particularly relating to handover of HPD2.</li> <li>• asked if there were any requirements in terms of "handover"/completion of works with the adjacent Leaseholders (ie. the stockproof fence constructed by the Project is a shared fence). JH noted that there weren't any requirements. All fencing has been installed in accordance with cadastral boundaries.</li> <li>• to set up meeting with Ngunnawal 2C Superintendent/ Contractors.</li> </ul>  |  |
| <p>10.</p>                   | <p>Staffing</p> <ul style="list-style-type: none"> <li>• <del>No</del> changes to staffing. <i>o) Mayura Pnty still supervisor/foreman and will hopefully be on-site until the completion of asphaltting works.</i></li> </ul>   |  |
| <p>11.</p> <p>X</p>          | <p>Utilities</p> <ul style="list-style-type: none"> <li>• Streetlighting: Ecowise will send over WAE such that BEPCON can complete inspection prior to ActewAGL turning on the power. Power will be hooked up from mini-pillars to streetlight controllers on Wed 9 Apr. 14.</li> <li>• Ecowise will organise signals and streetlight inspection prior to power up.</li> <li>• ActewAGL: will be looking to turn on power on 7 Apr. 14</li> <li>• Actew Water: has sent through WAE to Actew Water and will follow up with a phone call.</li> <li>• ZNX/Gas: Gas has been connected at both ends of HPD2. Live gas is now running through the site. Hewatt's request for permit to excavate was updated accordingly.</li> <li>• NBN Co.: Still awaiting shared trench WAE prior to handover/ inspection, etc.</li> <li>• Designers of Moncrieff West (Browns) have been asking for WAE for hydraulics and shared trench at Mirrabei Dr and Road 04.</li> <li>• SMEC &amp; EDD are in correspondence regarding the inspection and certification of stormwater works for Capital Works (incl HPD2).</li> </ul> |  |

|   |  |                |
|---|--|----------------|
| <p>12.</p> <p><i>Prelim Defects Register sent out</i></p> <ul style="list-style-type: none"> <li>- Interface</li> <li>- Handover</li> <li>- Telstra</li> <li>- Stone Pitching</li> <li>- Opening</li> </ul> | <p>Issues</p> <ul style="list-style-type: none"> <li>• in correspondence with Gabriel Joseph regarding minor kerb cracking and proposed rectifications. The intention is to align the rectification measures required by the Superintendent and TaMS.</li> <li>• SMEC will issue a draft Defects Register by the end of the day.</li> <li>• <b>Handover Inspections:</b> asked whether there should be a preliminary joint walk through (with all parties), such that Practical Completion could be achieved ASAP after SMA placement. The prelim walk through could be used for the purposes of identifying large defects, etc. and the final walk through could be used to tick off completed defect work and potentially pick up any new minor defects.</li> </ul>  | <p>SMEC</p>    |
| <p>13.</p> <p><i>Mtg to Discuss</i></p>   | <p>EOT</p> <ul style="list-style-type: none"> <li>• EOT Status (16 submitted): 63.5 Days Claimed; 36.5 Days Granted</li> <li>• submitted EOT 15 and EOT 16 which are being assessed by SMEC. EOT 15 – 5 days due to design changes; EOT 16 – 6 days due to wet weather.</li> <li>• JH noted that there haven't been too many discussions re: date for PC and date of PC (&amp; potential LD's). sent through an email with reference to a number of potential EOTs.</li> </ul>   |                |
| <p>14.</p> <p><i>Ride Test Thurs 8th</i></p> <p><i>Claim due 7 May</i></p>  | <p>Variations</p> <ul style="list-style-type: none"> <li>• <b>Status</b> (including BoQ over/underruns)<br/>Submitted;                      Endorsed;                      Certified for payment (as at end of Feb '14)</li> <li>• noted that SMEC's assessment of VO.38 was that the price submitted by Hewatt was considered fair and indicative of current industry rates. PH/JH agreed and said they would send an email to note this. - <i>Agreed</i></li> <li>• SMEC are still awaiting a revision to VO.31 to include all works associated with the electrical supply to the streetlight and traffic light controller.</li> <li>• noted that there will be a number of Variations submitted with the March 2014 claim for design changes – mainly around the bridge.</li> </ul>   | <p>JH/PH ✓</p> |
| <p>15.</p>  | <p>Progress Claims</p> <ul style="list-style-type: none"> <li>✓ will prepare March 2014 claim and SMEC and Hewatt will work together to ensure the Tax Invoice is submitted to PH prior to 16 April 2014. <i>Claim due 7 May</i></li> </ul>  |                |
| <p>16.</p>  | <p>Quality Assurance</p> <ul style="list-style-type: none"> <li>• HPs: 322 raised, 10 open</li> <li>• NCRs: 30 raised (25 Quality; 5 Safety)</li> <li>• Hewatt will update the resolution to the bridge deck NCR once survey of the SAMI seal has been taken. <ul style="list-style-type: none"> <li>○ noted that many bridge designs include an additional asphalt layer on the bridge to allow a profiler to remove the entire depth of wearing course in future maintenance. This would also alleviate some of the issues we have with the</li> </ul> </li> <li>✓ Hewatt have submitted HP's for SMA10 and prime/spray seal designs. noted that these Hold Points have not been released yet as SMEC are awaiting information from Hewatt. noted that the Mix/Prime/Spray Seal Designs were all OK, however not all supporting documentation has been submitted.</li> </ul> |                |



|     |   |    |
|-----|---|----|
|     | <ul style="list-style-type: none"> <li>There are still a number of Hold Points not released due to insufficient information</li> </ul>  |    |
| 17. | <p>Working hours and days</p> <ul style="list-style-type: none"> <li>noted that work would continue on two non-lockdown RDOs between Easter and ANZAC Day.</li> </ul>   |    |
| 18. | <p>Construction Matters</p> <ul style="list-style-type: none"> <li>JH noted that RD Gossips were on the case – to provide stub termination details. <del>JH to follow-up.</del> With Gossip → Road</li> <li>to complete pavement profile report following completion of SMA/seal. – End of Stubs</li> <li>MS noted that there was an area next to the SFK at the interface to HPD1/2 that had not been primed or sealed. MS asked what the intended treatment was. noted this was within HPD1 revised Limit of Works.</li> <li>noted that Hewatt must protect landscaping works through consolidation. This includes rectifying damage to verges by vehicles (which is very common). The only other alternative was to erect bunting and star pickets beside the road (which is a safety risk). The issue was noted.</li> </ul> | JH |
| 19. | <p>Subcontractors</p> <ul style="list-style-type: none"> <li>sent contract for Downer through to</li> </ul>   |    |
| 20. | <p>Next Meeting(s) 16</p> <ul style="list-style-type: none"> <li>Friday, 2 May 2014 – Site Meeting – this will depend on the state of the Project at the time. to confirm.</li> </ul>   |    |
| 21. | Other?  |    |

Monday 5th - with Downer carrying out Walkthrough





## INCIDENT/NEAR MISS REGISTER - ALL

| ID No | Type                   | Date       | Location                                | Incident Description  | Parties Involved                         | Consequences of Incident  | Action Taken   | Status |
|-------|------------------------|------------|---|---|--|---|--|--------|
| 1     | WHS Incident           | 10/05/2013 | Site: CH0-500                           | A member of the public was seen walking on the site   | Member of public, Hewatt                 | No injuries.  | Signage and fencing at Site Entry  | Closed |
| 2     | WHS Incident           | 23/05/2013 | CH450                                   | The temporary site fencing on the Casey Development side of the floodway was damaged/cut open.  | Unknown                                  | Damage to fencing.  | Fencing was reinstated.  | Closed |
| 3     | Observation            | 24/07/2013 | Temporary floodway (CH420)              | The sandbags used for shoring the access road over the temporary floodway were noticed to be slightly displaced. This was caused by settlement under loading of the access road. If left this could be a potential problem. | Identified by SMEC                       | N/A   | The road crossing has been rebuilt and the sandbags replaced in a more secure formation. Ongoing monitoring will be undertaken.  | Closed |
| 4     | WHS Incident           | 11/09/2013 | CH1400 - Sewer manhole                  | Worker placing concrete for sewer manholes was working at heights without adequate safety measures  | ACT Civil & Subcontractor                | No injuries or accidents.   | Hewatt advised ACT Civil of the incident and the work methods being used on site to pour the manholes was adjusted accordingly.  | Closed |
| 5     |                        | 14/10/2013 | SP3                                     | Operative Hurt his back when changing the cutting edge on the scrapper  | Hewatt                                   |   | An incident report was completed.  |        |
| 6     | Environmental Incident | 15/10/2013 | Road 04 Intersection                    | A dump truck had an engine failure at approx CH840. The truck came to a safe stop with no other damage or injuries.   | Machine Operator                         | Oil and coolant spilt from the container and onto the road formation. This was cleaned up by Hewatt. There was no other damage or injuries. | Oil Spill was cleaned up by Hewatt and the incident was recorded   | Closed |
| 7     | WHS Near Miss          | 16/10/2013 | Embankment adjacent to Western Abutment | A compactor was working close to the edge of the steep embankment - the machine's front wheels got stuck on the edge of the embankment. The compactor was not meant to be working this close to the steep embankment.       | Compactor Operator                       | The compactor required assistance to get out of the situation.  | The occurrence was recorded as a near miss due to operator error.  | Closed |
| 8     | WHS Incident           | 20/11/2013 | HPD1-HPD2 Site Compound                 | Vandals broke into the site and caused significant damage to the site compound (broken windows), equipment and machinery (water truck graffitied).  | Unknown vandals                          | No injuries or harm was caused to site personnel.   | Police examined the vandalism and lodged a report.   | Closed |
| 9     | WHS Incident           | 13/12/2013 | Block 818                               | A fire was started in the unleased territory Block 818. The fire is thought to have been caused by mowing that took place within the block.   | LDA mowing contractor; Hewatt Site Staff | No injuries or harm was caused to site personnel.   | Hewatt attended the fire with fire extinguishers and a water cart. In January 2014, LDA inspected the mowing and Hewatt informed the representatives of the fire. LDA were to investigate. | Closed |

| ID No | Type         | Date       | Location                               | Incident Description   | Parties Involved      | Consequences of Incident   | Action Taken  | Status |
|-------|--------------|------------|--|--|-----------------------|--|---|--------|
| 10    | WHS Incident | 3/02/2014  | HPD1 - Amaroo School to Jacka Access 1 | A cyclist was identified riding through the asphalted stage of HPD1, within the Limit of Works for HPD1 (which is also used as the entry to HPD2).   | Cyclist, Hewatt       | No parties were injured.   | The cyclist was escorted from the Site by Hewatt staff.   | Closed |
| 11    | WHS Incident | 5/03/2014  | Guardrail beside bridge                | Operator was manoeuvring the post driver into position and ran over his own foot, with the safety bar hitting his shin.                              | Euro Civil; Hewatt    | Swelling and bruising evident on shin and swelling, bruising and numbness in foot. Operator taken to casualty and was discharged. There were 3 days LTI. | Operator taken to casualty and Hewatt completed incident report for recording.  | Closed |
| 12    | WHS Incident | 24/03/2014 | On-site                                | Hewatt workers sitting on tray of ute as it was in motion - dropping sandbags off the back prior to the rain event.                                  | 4 x Hewatt Site Staff | No injuries.   | Workers were addressed and recognised they were operating outside Hewatt's Vehicle Operation Policy.  | Closed |
| 13    | WHS Incident | 1/04/2014  | On-site                                | A police car had driven through the site without signing in or notice to any site staff.   | ACT Police            | No injuries.   | stopped and advised the police car that if they wish to drive through the site, they need to have an induction and sign in.   | Closed |
| 14    | WHS Incident | 2/04/2014  | On site                                | An ACT Government vehicle was attempting to drive through the site to have a look at Taylor and Moncrieff. The car did not stop at the site offices. | ACT Government Car    | No injuries.   | stopped the car and asked the car to leave site - there was no access to through the site as the spray seal was being placed. They were also informed that they needed to sign in and be inducted to go through site unaccompanied. | Closed |

REQUEST FOR INFORMATION (RFI) - OPEN OR THIS MONTH



Status Legend:

- Not Urgent
- Moderate Priority (1-2 weeks)
- Urgent (1-2 days)

| RFI Number | Description   | Date Raised | Issued to Designer? | Date Issued to Brown | Response From Brown | Discipline:                               | Classification       | Comment | Response Issued to Contractor | Status |
|------------|---|-------------|---------------------|----------------------|---------------------|---|----------------------|---------|-------------------------------|--------|
| 121A       | Clarification on TCDs and termination of path adjacent to Whitrod Ave | 17/04/2014  | Yes                 | 17/04/2014           | 23/04/2014          | Road Furniture                            | Design Clarification |         | 24/04/2014                    | Closed |
| 122A       | Requirement for Coloured Cycle Lanes                                  | 23/04/2014  | No                  |                      |                     | Pavement                                  | Design Clarification |         | 24/04/2014                    | Closed |
| 123A       | Interface between trunk path and pram crossings                       | 30/04/2014  |                     |                      |                     | Concrete Kerbs, Footpaths and Minor Works | Design Clarification |         |                               | Open   |
| Total = 3  |   |             |                     |                      |                     |   |                      |         |                               |        |

**HORSE PARK DRIVE EXTENSION – BURRUMARRA AVE TO MIRRABEI DR Contract**  
**No: 2013.20148.110**



**EOT Register**

|  |                  |          |          |          |
|--|------------------|----------|----------|----------|
| Date of Issue of Letter of Acceptance                          | 26-February-2013 |          |          |          |
| Separable Portion No.  | SP1              | SP2      | SP3      | SP4      |
| Original Duration (Construction Period + Consolidation Period) | 40               | 66       | 62       | 88       |
| Original Date for Practical Completion                         | 3-Dec-13         | 3-Jun-14 | 6-May-14 | 4-Nov-14 |

| EOT Number | Date Raised | Description  | Raised By | EOT Claimed (No of Days) | EOT Granted (No of Days) | Revised Date for Practical Completion |            |            |            | Date Hewatt Advised | Status |
|------------|-------------|--|-----------|--------------------------|--------------------------|---------------------------------------|------------|------------|------------|---------------------|--------|
|            |             |  |           |                          |                          | SP1                                   | SP2        | SP3        | SP4        |                     |        |
| 01         | 17/04/2013  | Delays to works as a result of For Construction documentation not being provided in a timely manner. |           | 14                       | 0                        | 3/12/2013                             | 3/06/2014  | 6/05/2014  | 4/11/2014  | 17/06/2013          | Closed |
| 02         | 17/04/2013  | Delays to works as a result of late receipt of Letter of Acceptance                                  |           | 2                        | 0                        | 3/12/2013                             | 3/06/2014  | 6/05/2014  | 4/11/2014  | 17/06/2013          | Closed |
| 03         | 21/06/2013  | Delays associated with Conservation Mangement Plan Issues  |           | 12                       | 12                       | 19/12/2013                            | 19/06/2014 | 22/05/2014 | 20/11/2014 | 21/06/2013          | Closed |
| 04         | 21/06/2013  | Wet Weather 12-14 June 2013  |           | 1                        | 1                        | 20/12/2013                            | 20/06/2014 | 23/05/2014 | 21/11/2014 | 21/06/2013          | Closed |
| 05         | 27/07/2013  | Wet Weather 24 - 25 June 2013  |           | 2                        | 2                        | 7/01/2014                             | 24/06/2014 | 27/05/2014 | 25/11/2014 | 27/06/2013          | Closed |
| 06         | 31/07/2013  | Wet Weather 16-19 July 2013  |           | 4                        | 4                        | 13/01/2014                            | 14/07/2014 | 2/06/2014  | 1/12/2014  | 31/07/2013          | Closed |
| 07         | 22/08/2013  | Wet Weather 6th & 8th August 2013  |           | 2                        | 2                        | 15/01/2014                            | 16/07/2014 | 4/06/2014  | 3/12/2014  | 27/08/2013          | Closed |
| 08         | 4/09/2013   | Wet Weather, Fri 30 August 2013  |           | 1                        | 1                        | 16/01/2014                            | 17/07/2014 | 5/06/2014  | 4/12/2014  | 16/09/2013          | Closed |
| 09         | 25/09/2013  | Wet Weather - 16-20 September 2013   |           | 5                        | 5                        | 23/01/2014                            | 24/07/2014 | 12/06/2014 | 11/12/2014 | 26/09/2013          | Closed |
| 10         | 27/11/2013  | Wet Weather - 12-18 November 2013  |           | 5                        | 5                        | 3/02/2014                             | 5/08/2014  | 19/06/2014 | 18/12/2014 | 27/11/2013          | Closed |
| N/A        |             | Amendment to HPD2 SP1&3 Dates for Practical Completion to coincide with completion of HPD1           |           |                          |                          | 28/03/2014                            | 26/09/2014 | 28/03/2014 | 26/09/2014 | 17/12/2013          |        |
| 11         | 22/01/2014  | Inclement Weather (High Temperatures) 15-17 Jan 2014   |           | 1.5                      | 1.5                      | 31/03/2014                            | 29/09/2014 | 31/03/2014 | 29/09/2014 | 23/01/2014          | Closed |

| EOT Number    | Date Raised | Description   | Raised By | EOT Claimed (No of Days) | EOT Granted (No of Days) | Review ID for Practical Completion |            |            |            | Date Hewatt Advised | Status |
|---------------|-------------|---|-----------|--------------------------|--------------------------|------------------------------------|------------|------------|------------|---------------------|--------|
|               |             |   |           |                          |                          | SP1                                | S. -       | SP3        | SP4        |                     |        |
| 12            | 6/02/2014   | Inclement Weather (High Temperatures) 29 Jan - 3 Feb 2014 |           | 2                        | 2                        | 2/04/2014                          | 7/10/2014  | 2/04/2014  | 7/10/2014  | 6/02/2014           | Closed |
| 13            | 24/02/2014  | Wet Weather 19-20 February 2014                           |           | 0.5                      | 0.5                      | 3/04/2014                          | 7/10/2014  | 3/04/2014  | 7/10/2014  | 26/02/2014          | Closed |
| 14            | 6/03/2014   | Wet Weather 5 March 2014                                  |           | 0.5                      | 0.5                      | 3/04/2014                          | 7/10/2014  | 3/04/2014  | 7/10/2014  | 7/03/2014           | Closed |
| 15            | 31/03/2014  | Delays due to redesign of pathways beneath bridge         |           | 5                        | 5                        | 10/04/2014                         | 9/10/2014  | 10/04/2014 | 9/10/2014  | 22/04/2014          | Closed |
| 16            | 31/03/2014  | Delays due to Wet Weather 24-31 March 2014                |           | 6                        | 6                        | 23/04/2014                         | 22/10/2014 | 23/04/2014 | 22/10/2014 | 22/04/2014          | Closed |
| 17            | 22/04/2014  | Wet Weather 10 & 11 April 2014                            |           | 2                        | 2                        | 28/04/2014                         | 27/10/2014 | 28/04/2014 | 27/10/2014 | 22/04/2014          | Closed |
| <b>TOTALS</b> |             |   |           | 65.5                     | 49.5                     |                                    |            |            |            |                     |        |



**ISSUES REGISTER - OPEN**

| Issue Number | Description  | Details  | Date Raised | Action   | Status | Additional Comments |
|--------------|--|--|-------------|--|--------|---------------------|
| 002          | Issues surrounding Springbank Rise (Casey Development) Interface | There were a number of initial concerns from Lend Lease regarding the boundary interface with the HPD2 Project.<br>1. Locations of stockpiles<br>2. Casey Headwall   | 19/04/2013  | The interface with Springbank Rise requires ongoing management. Current issues include ensuring HPD2 completion is well defined at interface.  | Open   |                     |
| 019          | Handover & WAE for Practical Completion                          | The requirements for handover of the completed project will be tracked as an issue. HPD2 handover will be completed through Asset Acceptance   | 7/02/2014   | Hewatt has provided a draft schedule for handover and WAE submission.  | Open   |                     |
| 020          | Existing Telstra Pit to be raised at CH40                        | The existing Telstra Pit located at CH 40 requires raising by approximately 500mm to the FSL. This pit connects the HPD2 Telstra conduit to the existing network of conduits along Horse Park Dr. The works require an accredited Telstra subcontractor. | 10/02/2014  | Telstra has withdrawn the initial quote for the works as the subcontractor was not ACT IRE Certified. Telstra requested applicable IRE certified tenderers to quote on the works. The tenders closed 22 April 2014. Hewatt have not heard back from Telstra. | Open   |                     |
| 022          | Stone Pitching Finishes on Southern bridge embankment            | EDD have raised issue with the finish of the stone pitching on the southern bridge abutment. Issues include protruding rock, waves in the finished levels and not in accordance with test panel.   | 15/11/2013  | SMEC have issued a formal instruction to remove the stone pitching.  | Open   |                     |
| 023          | HPD1/2 Potential Opening Event                                   | The ACT Government has shown interest in organising an Opening Event for the completion of HPD1 & HPD2.  | 7/03/2014   |  | Open   |                     |



## PUBLIC LIAISON REGISTER - ALL



| Liaison No. | Date Raised | Liaison Initiator              | Person Contacted               | Location           | Description  | Date Actioned | Action Taken   | Status | Comment         |
|-------------|-------------|--------------------------------|--------------------------------|--------------------|--|---------------|--|--------|-----------------|
| 1           | 29/04/2013  | (SMEC)                         | (BNT)                          | Site - General     | Numerous discussions have been held with regarding the re-alignment of the Bicentennial National Trail throughout construction.  | 9/05/2013     | Following meeting with on-site and agreeing on a re-alignment, signage previously within HPD2 alignment was relocated along the new alignment                              | Closed |                 |
| 2           | 2/05/2013   |                                | (Lend Lease - Springbank Rise) | CH0-450            | Project Interface Meeting held at SMEC Offices to discuss potential interface issues between the Lend Lease Casey Development and HPD2                                       | 2/05/2013     | Minutes of the meeting were taken and actions assigned to each party. This action will be ongoing for the most part of SP1.  | Closed |                 |
| 3           | 29/05/2013  |                                |                                |                    | Hewatt contacted regarding access within his property to complete the designed works.  |               | Ongoing meetings are being held with   | Closed | Refer to ISS007 |
| 4           | 13/06/2013  |                                |                                | Telephone          | Organised a meeting on 14/06/2013 to discuss fencing works associated with the Project on his property. also advised he wished to move his sheep/cattle from                 | 14/06/2013    | Meeting scheduled for 14/06/2013   | Closed |                 |
| 5           | 14/06/2013  | Site (Hewatt-SMEC)             |                                |                    | Meeting held with The farmer has asked to drive his stock across the site at the end of July; Fencing location was agreed as well as the installation of an additional gate. | 26/06/2013    | Gate installed and rules put in place to allow to relocate his cattle and sheep.   | Closed |                 |
| 8           | 12/08/2013  |                                | John Husband                   | Email              | contacted the ACT Government to enquire about the timing of the Horse Park Drive Projects  | 18/08/2013    | John Husband replied to advising the estimated completion dates for the two projects.  | Closed |                 |
|             | 12/07/2013  |                                | John Husband                   |                    | and John met with to discuss works designed within and various approvals that may be required to conduct these works (including land withdrawal).                            | 16/07/2013    | Hewatt to set up pegs along intended boundary alignment; survey to be undertaken and ACTPLA to be contacted to initiate discussions. Another meeting to be held with soon. | Closed |                 |
|             | 12/07/2013  | (Lend Lease - Springbank Rise) |                                | Email              | was asking about the timing for the completion of the HPD works.   | 16/07/2013    | advised of the likely completion dates.  | Closed |                 |
| 9           | 16/07/2013  |                                |                                |                    | and met with to show him the marked out pegs and to discuss locations of gates, etc.   | 5/08/2013     | Ongoing actions: 1. Get survey plan to show ACTPLA; 2. Initiate withdrawal; 3. Attempt to set up   | Closed |                 |
| 10          | 12/07/2013  | Member of Public               | Hewatt Contractors             | Hewatt Site Office | A member of the public called into the site office to ask about the expected completion date of the Project.   | 12/07/2013    | Hewatt advised the person it would likely be completed by mid-2014   | Closed |                 |

Thursday, 1 May 2014

Page 1 of 3

| Liaison No. | Date Raised | Liaison Initiator      | Person Contacted             | Location      | Description   | Date Actioned | Action Taken  | Status | Comment |
|-------------|-------------|------------------------|------------------------------|---------------|---|---------------|---|--------|---------|
| 11          | 5/08/2013   | John Husband           |                              |               | Meeting with to discuss potential to access property prior to land withdrawal. did not agree as he is in the process of selling the property  | 5/08/2013     | Hewatt were informed of the situation and alternative arrangements are to be made.  | Closed |         |
| 12          | 7/08/2013   | (through Ben McHugh)   | Patrick Hancock/John Husband | Email         | was wondering the staging of the two remaining HPD Projects and possible implications to traffic through Ngunnawal.   | 7/08/2013     | Patrick informed Ben the Jacka/Amaroo end will be completed 1st and then Stage 2 (Casey end).   | Closed |         |
|             | 12/08/2013  |                        | T. Gordon (ACT Government)   | Meeting Venue | T. Gordon attended the meeting within the week commencing 12/8/13 to update the meeting on HPD1/HPD2 progress.  |               | N/A   | Closed |         |
| 14          | 8/08/2013   | Member of the Public   | Chief Minister Talk Back     | N/A           | A member of the Public asked a question during the Chief Minister Talk Back time about the timing of the HPD1 and HPD2 Project completion dates.  | 9/08/2013     | A response was due to be issued on Fri 9/8/13.  | Closed |         |
| 15          | 16/08/2013  |                        |                              | Phone         | contacted regarding works required within (which he has a 'grazing license' on). was happy for works to go ahead as long as he was notified and fences remained stockproof.   | 28/10/2013    | Informed Refer to Liaison No. 20  | Closed |         |
| 16          | 19/08/2013  |                        |                              | Phone         | contacted regarding the sale of his land. He advised that settlement is still due on the 30th Sep 2013 and that should call after this date and details of the new owner can be exchanged.                                    | 4/10/2013     | contacted on the 4th Oct 2013. gave the contact details of the new owner and informed that the sale was likely to settle on the 4th Oct 2013.   | Closed |         |
| 17          | 1/10/2013   | (Twitter)              | ACT Govt                     | Twitter       | was enquiring about completion dates for HPD1 and 2.  | 2/10/2013     | John Husband responded to the appropriate people within ACT Govt, to then give an answer  | Closed |         |
| 18          | 4/10/2013   |                        |                              | Phone         | contacted (new leaseholder of to initiate agreements about accessing his property for the construction of Swale 15 prior to the official land withdrawal. was understanding and signed an agreement that was emailed to him a | 10/10/2013    | will keep informed of any Project related activities that will likely affect his property.  | Closed |         |
| 19          | 14/10/2013  |                        |                              | Phone         | contacted (who has his cattle on agistment in to inform him that fencing works for the land withdrawal area were commencing.  | 14/10/2013    | Hewatt completed fencing works surrounding Swale 15 and have isolated the construction area.  | Closed |         |
| 20          | 28/10/2013  |                        |                              | Phone         | contacted to inform him of works within (on which he holds a grazing licence).  | 28/10/2013    | Hewatt are completing works within the property. relocated livestock to another paddock whilst works are being completed  | Open   |         |
| 21          | 13/11/2013  | Sharon Harmer (ACTPLA) |                              | Letter        | The formal notice for the withdrawal of land from was sent to and . The date of withdrawal will be 4 February 2014.   | 13/11/2013    | N/A   | Closed |         |
| 22          | 16/12/2013  |                        |                              | Phone         | called up about a few problems with the fencing along the eastern side of HPD where he has a grazing licence on LDA land. There were 3 locations that needed fixing.  | 16/12/2013    | Hewatt repaired the fences such that they were stockproof for the Christmas shutdown period. returned a phone call to inform him that the fences had been fixed (a more permanent fix will be completed in 2014). | Closed |         |

Thursday, 1 May 2014

Page 2 of 3

| Liaison No. | Date Raised | Liaison Initiator | Person Contacted  | Location        | Description  | Date Actioned | Action Taken   | Status | Comment |
|-------------|-------------|-------------------|-------------------|-----------------|--|---------------|--|--------|---------|
| 23          | 16/01/2014  | Hewatt            | I<br>(Lend Lease) | Phone           | Hewatt informed Lend Lease that trenching works within Springbank Rise would commence on Monday 20 Jan 2014. Lend Lease did not have any issues with this.   | 31/01/2014    | None required. Lend Lease will be informed when works are complete.  | Closed |         |
| 24          | 30/01/2014  | (Lend Lease)      |                   | Email           | I was asking about the likely completion date for Hewatt's trenching works within Springbank Rise  | 31/01/2014    | responded to Lend Lease, informing them that the trenching work would be completed within Springbank Rise by mid-week commencing 3/2/14                        | Closed |         |
| 25          | 13/02/2014  |                   | (Lend Lease)      | Email           | contacted to inform him that the Burrumarra Ave asphalt wearing course works would not be undertaken by the HPD2 Project. Therefore there wouldn't be TTMPs disturbing the entrance of Springbank Rise |               | N/A  | Closed |         |
| 26          | 17/02/2014  | (Lend Lease)      |                   | Email           | I was wondering when the stockpiles were going to be bitumen straw mulched as he was organising a TjMS inspection and the stockpiles would form part of this.  | 18/02/2014    | has been in contact with to co-ordinate these works. These works are exclusive of HPD2.  | Open   |         |
| 27          | 20/02/2014  | Cyclist           |                   | Burrumarra Ave  | A cyclist was looking for the Bicentennial National Trail and his GPS was directing him into the site. & directed him through Ngunnawal to get to Mirabel Dr.  | 20/02/2014    | directed him through Ngunnawal to get to Mirabel Dr.   | Closed |         |
| 28          | 12/03/2014  | Member of Public  | Canberra Connect  | Telephone       | Resident was wanting to know the completion date for the Horse Park Dr Extension.  | 17/03/2014    | John Husband advised the caller HPDE will be completed in April 2014.  | Closed |         |
| 29          | 24/03/2014  |                   | (Lend Lease)      | Springbank Rise | Hewatt and SMEC met with Lend Lease to discuss handover issues associated with HPD2 and SBR Interface.   | 24/03/2014    | N/A  | Closed |         |
| 30          | 8/04/2014   |                   | Canberra Connect  | Phone           | called Canberra Connect to see when Horse Park Dr is likely to be open.  | 10/04/2014    | John Husband (EDD) called to inform him that advise that Horse Park Dr between Amaroo and Casey will be open in May 2014 (pending weather)                     | Closed |         |
| 31          | 14/04/2014  |                   | TAMS, EDD         | Twitter         | was wondering when the Horse Park Dr Extension is likely to be opened.   | 15/04/2014    | John Husband (EDD) informed EDD Communications that the Project is planning to open Horse Park Dr in May 2014. EDD Communications were then to inform Twitter. | Closed |         |



VARIATIONS - REGISTER

| Variation Number | Contract Issue Number | Description   | Price Submitted (excl GST) | Price Agreed (excl GST) | Amount Certified to Date (excl GST) | Classification                  | Support Information | Status    |
|------------------|-----------------------|---|----------------------------|-------------------------|-------------------------------------|---------------------------------|---------------------|-----------|
|                  |                       | Quantity Overruns/Underruns                               |                            |                         |                                     |                                 |                     | Agreed    |
| 01               | 003                   | Conservation Management Plan                              |                            |                         |                                     | Design/ Document deficiency     |                     | Closed    |
| 02               | 003                   | Delays associated with Conservation Management Plan       |                            |                         |                                     | Latent/ Site Condition          |                     | Closed    |
| 03               |                       | Not used  |                            |                         |                                     | Not used                        |                     |           |
| 04               | 003                   | Site Visit by Heritage Consultant to advise on CMP        |                            |                         |                                     | Design/ Document deficiency     |                     | Closed    |
| 05               | 002                   | Regrading of mounds between HPD2 & Springbank Rise        |                            |                         |                                     | Latent/ Site Condition          |                     | Closed    |
| 06               | N/A                   | Changes to the Watermain from Tender                      |                            |                         |                                     | Scope Change                    |                     | Closed    |
| 07               | N/A                   | Supply and Installation of Combined Usage Pole            |                            |                         |                                     | Contractor Proposed Alternative |                     | Agreed    |
| 08               | N/A                   | Select CBR Changes from Design to Construction            |                            |                         |                                     | Design/ Document deficiency     |                     | Closed    |
| 09               | 008                   | Pricing of Missing Pay Items from the Bill of Quantities  |                            |                         |                                     | Design/ Document deficiency     |                     | Agreed    |
| 10               | N/A                   | Supply of 375mm uPVC Sewer Pipe not used                  |                            |                         |                                     | Design Improvement              |                     | Closed    |
| 11               | N/A                   | Anti-graffiti coating on bridge surfaces                  |                            |                         |                                     | Superintendent Request          |                     | Agreed    |
| 12               | 007                   | Survey Works for Fence Realignment at Swale 15            |                            |                         |                                     | Design/ Document deficiency     |                     | Closed    |
| 13               | N/A                   | Additional Works for the Floodway                         |                            |                         |                                     | Scope Change                    |                     | Closed    |
| 14               | 021                   | Modifications to Concrete Works at Bridge Approaches      |                            |                         |                                     | Design/ Document deficiency     |                     | Submitted |
| 15               | N/A                   | Extra over costs for widening carriageway between CH60-90 |                            |                         |                                     | Design Improvement              |                     | Agreed    |
| 16               |                       | Not used  |                            |                         |                                     |                                 |                     |           |

| Variation Number | Contract Issue Number | Description   | Price Submitted (excl GST) | Price Agreed (excl GST) | Amount Certified to Date (excl GST) | Classification                  | Support Information | Status                            |
|------------------|-----------------------|---|----------------------------|-------------------------|-------------------------------------|---------------------------------|---------------------|-----------------------------------|
| 17               | 002                   | Additional Works associated with Casey Headwall (excl stone pitching)   |                            |                         |                                     | Latent/ Site Condition          |                     | Agreed                            |
| 18               | 017                   | Additional works with Gas-Main from Ch60 - Ch20   |                            |                         |                                     | Latent/ Site Condition          |                     | Closed                            |
| 19               |                       | Widening of mowing strip along PD1 fence alignment  |                            |                         |                                     |                                 |                     | Agreed                            |
| 20               |                       | Not used  |                            |                         |                                     |                                 |                     |                                   |
| 21               | 017                   | Additional works with Telstra from Ch20 - Ch60  |                            |                         |                                     | Latent/ Site Condition          |                     | Closed                            |
| 22               | N/A                   | Additional Length of PD1 Fencing with In-situ Footings  |                            |                         |                                     | Limit of Accuracy               |                     | Closed                            |
| 23               | N/A                   | Additional works to provide drainage to subsoils and carriageway at the end of Mirrabai Dr                                  |                            |                         |                                     | Design/ Document deficiency     |                     | Closed                            |
| 24               |                       | Not used  |                            |                         |                                     |                                 |                     |                                   |
| 25               | 011                   | Additional Shared Trench Road Crossings at CH970 and CH1500   |                            |                         |                                     | Design Improvement              |                     | Closed                            |
| 26               | N/A                   | Deduction for the use of Jute Mesh as opposed to Jute Mat   |                            |                         |                                     | Contractor Proposed Alternative |                     | Agreed                            |
| 27               | N/A                   | Civil works associated with providing Gas main stub to Ngunnawal as required by ZNX/Jemena                                  |                            |                         |                                     | Design/ Document deficiency     |                     | Closed                            |
| 28               |                       | Not used  |                            |                         |                                     |                                 |                     |                                   |
| 29               | 013                   | HPD1 & HPD2 Quantity Adjustments for Changes in Scope of Works  |                            |                         |                                     | Scope Change                    |                     | Agreed                            |
| 30               | N/A                   | Additional Shared Trench at East side of Mirrabai Dr  |                            |                         |                                     | Superintendent Request          |                     | Closed                            |
| 31               | N/A                   | Additional civil & electrical works for electrical supply to streetlight and traffic light controllers (excl ActewAGL work) |                            |                         |                                     | Operational                     |                     | Awaiting further info from Hewatt |
| 34               | N/A                   | Deduction for use of SL82 instead of SL81 in islands  |                            |                         |                                     | Design Improvement              |                     | Agreed                            |
| 36               | 020                   | Raising Telstra Pit to Design Level at CH40   |                            |                         |                                     | Latent/ Site Condition          | Yes                 | To be claimed under 815P2         |
| 37               | 21                    | Stormwater Protection Line B3-B4  |                            |                         |                                     | Design/ Document deficiency     |                     | Agreed                            |
| 38               | 018                   | Change to SMA10 at 30mm and use of RMS R121   |                            |                         |                                     | Design Improvement              |                     | Agreed                            |

**TOTALS**

**HOLD POINT REGISTER - OPEN**

| Release No | Specification No | Specification Name   | Clause No         | Clause Description  | Lot No                             | Date of Submission | Status | Comments   |
|------------|------------------|----------------------|-------------------|---|------------------------------------|--------------------|--------|--|
| 0304       | Section 13       | Traffic Signals      | 13.2 (13.07.1)    | Installation of traffic signal controller   | Traffic Light Controller           | 22/04/2014         | Open   | Certificate out-of-date. sent email 29/04/2014               |
| 0305       | Section 4        | Flexible Pavement    | 4.5 (4.04.8)      | Design of sprayed bituminous surfacing to be used in the works  | Prime and Seal Design              | 18/03/2014         | Open   | Sent Hewatt email 21/03/14 requesting additional information |
| 0310       | Section 4        | Flexible Pavement    | 4.6 (4.04.11.i)   | Sprayed bituminous surfacing work for each work area and Degree of Saturation test  | CH880-1870 (Prime)                 | 20/03/2014         | Open   |  |
| 0311       | Section 4        | Flexible Pavement    | 4.4 (4.04.3.i)    | Delivery of materials for sprayed bituminous surfacing - primer, primer sealing or sealing  | Material Conformance (14,7mm seal) | 20/03/2014         | Open   | Sent Hewatt email 27/03/14 requesting additional information |
| 0315       | Section 4        | Flexible Pavement    | 4.6 (4.04.11.i)   | Sprayed bituminous surfacing work for each work area and Degree of Saturation test  | MC00 CH60-440 & Ch460-870          | 24/03/2014         | Open   |  |
| 0316       | Section 10       | Road Signs           | 10.1 (10.05.6)    | Manufacturer of signs to provide details of sign fabrication, support sections, mounting details painting, primer and paint details | Road Sign Materials                | 24/03/2014         | Open   |  |
| 0321       | Section 13       | Traffic Signals      | 13.1 (13.02.2)    | Installation of signal posts  | STP01 (Signal Posts at Mirrabell)  | 24/03/2014         | Open   |  |
| 0331       | R121 RMS         | Stone Mastic Asphalt | R121 RMS (3.8)    | Nominated Placing and Compaction Temperatures   | RSMA001 (CH990-HPD1, MC20 CH1020)  | 7/04/2014          | Open   | Insufficient info. - email sent to Hewatt 17.04.2014         |
| 0332       | R121 RMS         | Stone Mastic Asphalt | R121 RMS (3.8)    | Nominated Placing and Compaction Temperatures   | RSMA02 (CH60-990)                  | 7/04/2014          | Open   | Insufficient info. - email sent to Hewatt 17.04.2014         |
| 0333       | R121 RMS         | Stone Mastic Asphalt | R121 RMS (3.8)    | Nominated Placing and Compaction Temperatures   | RSMA03 (MB Dr & Rd 04)             | 7/04/2014          | Open   | Insufficient info. - email sent to Hewatt 17.04.2014         |
| 0343       | Section 4        | Flexible Pavement    | 4.7 (4.05.4.i)    | Use of each asphalt nominated mix   | RFFG01: Boral FGGR                 | 16/04/2014         | Open   |  |
| 0344       | Section 4        | Flexible Pavement    | 4.9 (4.05.13.vi)  | Placement of overlaying asphalt layers submission of all survey and test results  | RFFG01 (CH1200-1520)               | 16/04/2014         | Open   |  |
| 0345       | Section 4        | Flexible Pavement    | 4.7 (4.05.4.i)    | Use of each asphalt nominated mix   | FGGR Downer Mix                    | 16/04/2014         | Open   |  |
| 0346       | Section 4        | Flexible Pavement    | 4.9 (4.05.13.vi)  | Placement of overlaying asphalt layers submission of all survey and test results  | RFFG02 CH100-1200 & PT03           | 16/04/2014         | Open   |  |
| 0347       | Section 4        | Flexible Pavement    | 4.2A (TEC 4.03.4) | Submission of conformance tests/survey prior to placement over subbase  | CCPSB - CH02                       | 24/04/2014         | Open   |  |

| Release No | Specification No | Specification Name | Clause No         | Clause Description   | Lot No                           | Date of Submission | Status | Comments |
|------------|------------------|--------------------|-------------------|--|----------------------------------|--------------------|--------|----------|
| 0348       | Section 4        | Flexible Pavement  | 4.2A (TEC 4.03.4) | Submission of conformance tests/survey prior to placement over subbase   | ECPSB01 (Entire Equestrian Path) | 24/04/2014         | Open   |          |
| 0349       | Section 6        | Minor Concrete     | 6.1 (6.09.2)      | Placement of concrete for footpaths, driveways and paving - set out, compaction of sub grade - test results where applicable | EP01 (Equestrian Path)           | 24/04/2014         | Open   |          |

Total = 17

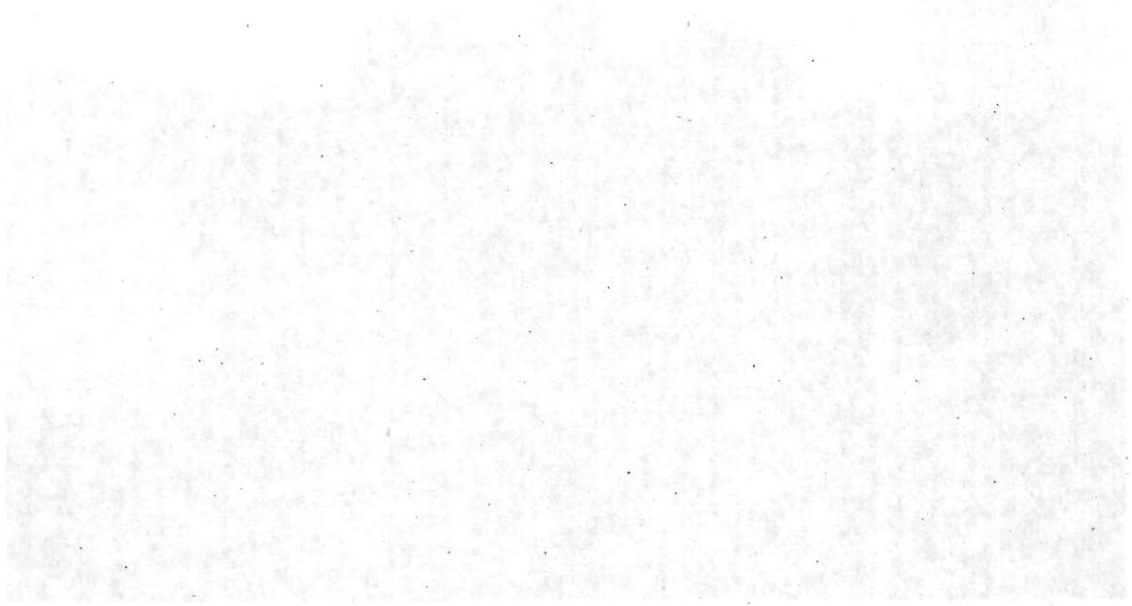
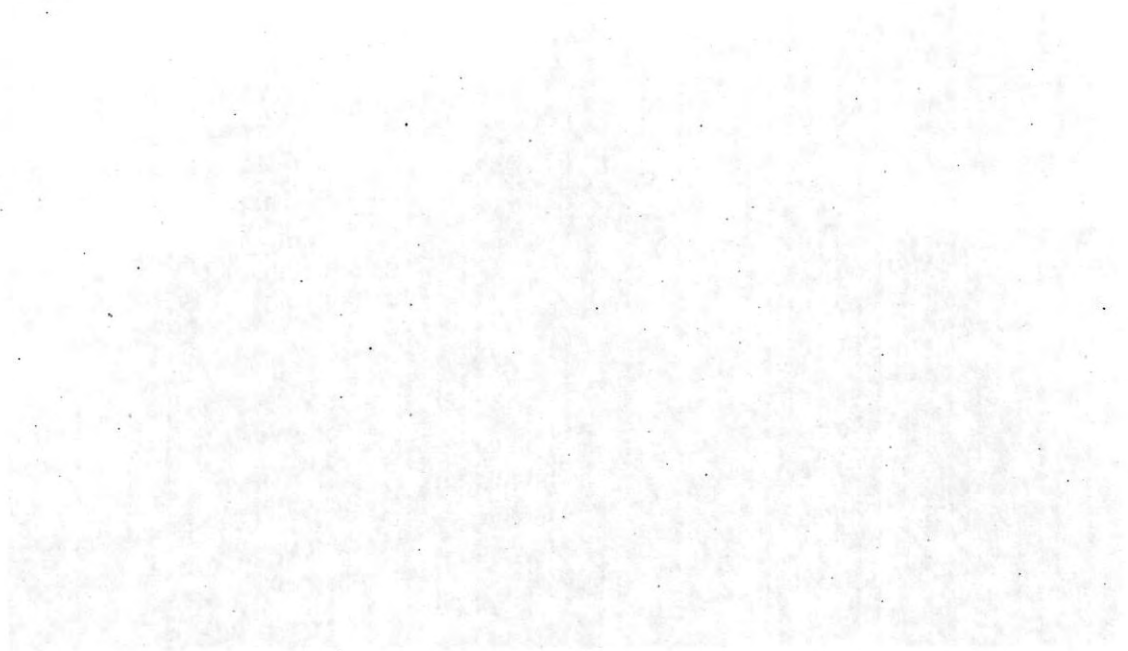
**PROJECT PHOTOS:**



*Image 01: Downer placing SMA10 between the bridge and Road 04*

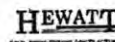


*Image 02: Aggregate being spread for 14/7mm seal between Road 04 and Mirrahei Dr*





# HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



## MEETING: SITE MEETING - MINUTES

**LOCATION:** Project Site Office, Horse Park Drive, Jacka  
**DATE:** Friday, 2 May 2014  
**TIME:** 10.30am

**ATTENDEES:**  
**Economic Development Directorate:** Michael McGrath (MM)  
 John Husband (JH)  
 Michael Sergi (MS)  
**Shared Services Procurement:** Patrick Hancock (PH)  
 James Carraill (JC)

**Brown:**

**SMEC:**

**Hewatt:**

| No. | Item Description   | Action                       |
|-----|--|------------------------------|
| 01. | <p>WHS</p> <ul style="list-style-type: none"> <li>Hewatt Safety Manager advised that WHS "Attachment 5" Checklist for EDD will be completed today. will forward when received from Hewatt.</li> <li>The report from the ACT Govt. WHS Audit held on 17 March 2014 by Kaizen has not yet been received. JC will chase this up.</li> <li>noted that last meeting it was asked whether the WHS Guidelines used by EDD (from which Attachment 5 comes from) would be made available to consultants and contractors. JH noted that this would be beneficial to everyone and will investigate.</li> </ul>  | <p>Hewatt/<br/>JC<br/>JH</p> |
| 02. | <p>Review Previous Minutes / Matters Arising</p> <ul style="list-style-type: none"> <li>JH will continue to keep EDD communications in the loop regarding a potential date for an opening event. It was noted that it is unclear whether the event will be held when the road is open to traffic or prior.</li> </ul>  | <p>JH</p>                    |
| 03. | <p>Design</p> <ul style="list-style-type: none"> <li>RFIs: 123 submitted; 1 open</li> <li>All queries and issues relating to the changes to SMA design and specifications have been resolved and the SMA works have been completed. Hewatt is happy with the response to queries from SMEC/EDD.</li> <li>will raise an RFI regarding the use of temporary kerbing at Burrumarra Ave tie-in. It was noted that temporary kerbing commonly involves pins, which may be troublesome with only a thin layer of SMA.</li> <li>SMEC raised RFI121A to Brown asking for clarification on a number of items. Brown's response included confirmation to extend the concrete path coming from Casey beside Whitrod Ave and the installation of an additional pram ramp at Mirrabai Dr that had been omitted from the design.</li> <li>confirmed details of the chase required at Burrumarra</li> </ul> |                              |



|                  | <p>Ave shortly after the previous site meeting. noted that it seems to work/ride well.</p> <ul style="list-style-type: none"> <li>• There is only one open RFI regarding a request for details at the interface between the trunk path and pram crossings. noted that a neater solution may be for the use of short sections of concrete path. will formally respond to the RFI.</li> </ul>  |                  |  |  |           |                              |             |           |                                  |             |                                     |
|------------------|--|------------------|--|--|-----------|------------------------------|-------------|-----------|----------------------------------|-------------|-------------------------------------|
| 04.              | <p>Site Compound</p> <ul style="list-style-type: none"> <li>• Hewatt will be looking to start removing the site offices on Monday 12 May 2014.</li> </ul>  |                  |  |  |           |                              |             |           |                                  |             |                                     |
| 05.              | <p>Program</p> <ul style="list-style-type: none"> <li>• gave a brief update on the state of the Project: <ul style="list-style-type: none"> <li>○ SMA complete</li> <li>○ Cyclepath – 95% complete</li> <li>○ Most of the work left is beneath the bridge.</li> </ul> </li> <li>• noted that all physical works are planned to be completed by end of next week (Fri 9 May 2014). There are currently a few issues holding up construction (refer Section 12), including: <ul style="list-style-type: none"> <li>○ Completion of reconstruction of Telstra Pit</li> <li>○ The supply of the exotic Malus trees (Crab apple trees) – can't supply until July 2014.</li> </ul> </li> <li>• opened discussion about the current date for PC and the likely completion date. asked if ACT Govt. could advise on the status of whether liquidated damages would be enforced. noted that HPD2 will be opened prior to the original PC date for SP3 and generally the contract has been carried out in a positive manner with only 1 delay claim being submitted at the start of the project. said there are a few EOTs that could be submitted, however raising and responding to these may take up time better spent completing the project ASAP. JH noted the comments and noted that had sent an email raising a number of similar points. JH will discuss internally and suggested that this topic could potentially be discussed at the stone pitching meeting on Tuesday (6/5/14) (Post meeting note – date of meeting has now been changed).</li> </ul> <table border="1"> <thead> <tr> <th colspan="3">Current PC Dates</th> </tr> </thead> <tbody> <tr> <td>SP1 &amp; SP3</td> <td>Civil, Burrumarra Ave – HPD1</td> <td>28 Apr 2014</td> </tr> <tr> <td>SP2 &amp; SP4</td> <td>Landscape, Burrumarra Ave – HPD1</td> <td>27 Oct 2014</td> </tr> </tbody> </table> | Current PC Dates |  |  | SP1 & SP3 | Civil, Burrumarra Ave – HPD1 | 28 Apr 2014 | SP2 & SP4 | Landscape, Burrumarra Ave – HPD1 | 27 Oct 2014 | <p>JH/<br/>SMEC/SSP/<br/>Hewatt</p> |
| Current PC Dates |  |                  |  |  |           |                              |             |           |                                  |             |                                     |
| SP1 & SP3        | Civil, Burrumarra Ave – HPD1   | 28 Apr 2014      |  |  |           |                              |             |           |                                  |             |                                     |
| SP2 & SP4        | Landscape, Burrumarra Ave – HPD1   | 27 Oct 2014      |  |  |           |                              |             |           |                                  |             |                                     |
| 06.              | <p>Environmental</p> <ul style="list-style-type: none"> <li>• An EPA representative did visit site, however it was to have a look at Taylor rather than inspecting HPD2.</li> <li>• noted that some of the environmental controls are being removed as areas of landscaping start to establish.</li> <li>• Rain fell on the night of 29/4/14 and left areas beneath the bridge saturated.</li> </ul>   |                  |  |  |           |                              |             |           |                                  |             |                                     |
| 07.              | <p>Industrial Relations</p> <ul style="list-style-type: none"> <li>• Refer Section 12</li> </ul>   |                  |  |  |           |                              |             |           |                                  |             |                                     |
| 08.              | <p>Traffic</p> <ul style="list-style-type: none"> <li>• Traffic lights at Mirrabai Dr: outlined status of the traffic light installation: <ul style="list-style-type: none"> <li>○ Signals have been installed</li> <li>○ Traffic light controller has been installed and is awaiting Telstra to verify connection and for the modem to be installed.</li> </ul> </li> <li>• The supply and payment for the modem has been a point of</li> </ul>   |                  |  |  |           |                              |             |           |                                  |             |                                     |

|     |   |                                     |
|-----|---|-------------------------------------|
|     | <p>discussion between Roads, SMEC, Hewatt and Ecowise. noted that Ecowise have not had to pay for it in the past and said it will form a Variation. JH noted that for - that this can just be paid as a Variation and there is no need for it to delay the Project. to order modern.</p>  |                                     |
| 09. | <p>Community</p> <ul style="list-style-type: none"> <li>JH has responded to a couple of queries from the public about likely completion dates for the Project. One of the enquiries was through Twitter.</li> <li>met with the foreman from Canberra Contractors on Ngunnawal 2C to talk about the installation of one of the HPD2 guide signs on the N2C sound mound.</li> </ul>   |                                     |
| 10. | <p>Staffing</p> <ul style="list-style-type: none"> <li>(Foreman) has moved onto Majura Parkway. There are currently two leading hands full time on the Project and (Foreman) part time on the project until completion.</li> </ul>  |                                     |
| 11. | <p>Utilities</p> <ul style="list-style-type: none"> <li>Streetlighting: lights beneath the bridge were delivered yesterday and are to be installed early next week – this will complete physical works. Comments received back from SMEC re: WAE drawings. Hewatt will revise and resubmit. HPD1's streetlighting WAE have been submitted to TaMS.</li> <li>Water and Sewer – final inspection has to wait until all works are complete (ie. RPMs in place and landscape levels final). After final inspection and acceptance of all the quality information and WAE, the connection to existing for water can be completed. This is one of the requirements for Practical Completion under the Contract.</li> <li>Gas – gas is live across site and a final inspection will be completed by ZNX/Jemena once all works are complete.</li> <li>Telstra – Telstra will send Hewatt WAE for works completed.</li> <li>NBN Co. – WAE need to be submitted to NBN Co. and then a final completion inspection will be held. will resend details of WAE requirements.</li> <li>ActewAGL – all power has been switched on and is live to mini-pillars across site.</li> </ul> |                                     |
| 12. | <p>Issues<br/>Telstra Pit</p> <ul style="list-style-type: none"> <li>Telstra are still looking for an ACT IRE certified industry specialist to reconstruct the existing Telstra pit at CH40. This issue has been with Telstra for some time. noted that this will likely be the last thing to be completed (or there is the potential for it to be taken out as a separable portion). asked whether EDD or SSP have had any luck by speaking with Telstra in the past. JH and JC noted that they don't have much sway with Telstra. &amp; noted that and have been regularly contact to ask about the status of the issue. <u>JH will contact to see if he can have an influence.</u></li> <li>JC will follow up on how long gaining ACT IRE certification is likely to take.</li> <li>said Hewatt will continue to complete the cyclepath and landscaping on the other side of the Telstra pit, allowing room for future access and excavation of the pit. All works apart from FG G will be completed (a decent run of FG G is desirable for quality).</li> </ul>   | <p>JH *</p> <p>JC</p> <p>Hewatt</p> |

|     |  |        |
|-----|--|--------|
|     | <p><b>Supply of Malus</b></p> <ul style="list-style-type: none"> <li>noted that the landscape supplier does not expect the Malus (Crab Apple/Exotic) trees to be available until the end of June 2014. noted that alternatives to the Crab Apples would probably not be possible as Crab Apples at the corner of intersections is part of the Horse Park Dr "Masterplan" – however Hewatt should raise this question as an RFI.</li> <li>also noted that the BoQ requires the trees to be 2.5m tall – which is very mature, given they only grow to 3-4 metres. noted this could also be queried in an RFI.</li> <li>noted that the Malus could form a separable portion – JH noted that in a couple of years' time, no-one would know if the trees were planted a couple of weeks/months late.</li> </ul> <p><b>Stone-pitching</b></p> <ul style="list-style-type: none"> <li>There will be a meeting on Tuesday 6 May 2014 (<b>Post-meeting note – day has changed</b>) between EDD/SMEC/SSP/Hewatt with the intention of coming to a resolution on the stone pitching issue.</li> </ul> <p><b>Handover/Completion</b></p> <ul style="list-style-type: none"> <li>requested that a final inspection could start to be organised by SMEC/SSP. asked who would attend a final walk-through – noting that a clear direction on defects, etc. is required so issues can be closed and are not continually progressively raised. will send a note through to PH requesting a handover inspection be organised.</li> <li>to send Hewatt a revised Defects List.</li> </ul> | Hewatt |
| 13. | <p><b>EOT</b></p> <ul style="list-style-type: none"> <li>EOT Status (17 submitted): 65.5 Days Claimed; 49.5 Days Granted</li> <li>Dates for PC and likely completion dates were discussed with program – refer Section 05.</li> </ul>  |        |
| 14. | <p><b>Variations</b></p> <ul style="list-style-type: none"> <li><b>Status</b> (including BoQ over/underruns) ( Submitted; Endorsed; Certified for payment (as at end of Mar '14)</li> <li>Confirmation on SSP/EDD's agreement on was received and an official Variation letter sent to Hewatt by SMEC.</li> <li>will revise VO.31 to encapsulate all works associated with the electrical supply to the SLC and TLC.</li> </ul>  |        |
| 15. | <p><b>Progress Claims</b></p> <ul style="list-style-type: none"> <li>Hewatt's Progress Claim for April 2014 will be submitted on <u>Wednesday 7 May 2014.</u></li> <li>JH noted that all quality documents demonstrating conformance of the SMA must be submitted prior to payment (as per the Contract) noted that he had received an email outlining this. indicated that in terms of SMA, he will be claiming 100% of the SMA payment within the claim. All the quality documentation may not be available at the time of submission, however they should be ready at the time of certification. Therefore it will be left to SMEC to certify quantities as required given the available quality submissions.</li> </ul>  |        |
| 16. | <p><b>Quality Assurance</b></p> <ul style="list-style-type: none"> <li>HPs: 349 raised; 17 open</li> <li>NCRs: 32 raised</li> </ul>  |        |

Thursday  
8 May



|     |  |  |
|-----|--|--|
|     | <ul style="list-style-type: none"> <li>The bump test will be carried out on <u>Thursday 8 May 2014</u>. Results should be available prior to certification of the April 2014 progress claim. asked for details on how turning lanes, etc. are dealt with in the ride quality test? would investigate, but suggested it be raised as an RFI. MS added that the crew doing the testing would know what to do.</li> <li>It was noted that a corrective course for the bridge deck was not required following survey after the SAMI seal. There were a number of points where the course thickness was a bit thick, but the alternative was to have a very thin corrective layer. noted importance of getting levels for deck pour correct.</li> <li>Hold Point for the SMA mix design, etc. has been released.</li> <li>There are a number of Hold Points awaiting information to be submitted – where works have proceeded this information is generally just for formalities (eg. signed certificate of conformity, etc.). The Open Hold Point Register was included with the meeting's papers.</li> </ul>  |  |
| 17. | <p>Working hours and days</p> <ul style="list-style-type: none"> <li>Nil</li> </ul>  |  |
| 18. | <p>Construction Matters</p> <ul style="list-style-type: none"> <li>RD Gossip are seeking Roads ACT approval for the TTMPs for road stubs – it is expected this will be gained by early next week. SMEC will then issue an instruction to Hewatt for the completion of the works (barriers, etc. would become the property of the ACT Government upon installation).</li> <li>will complete a pavement profile report for the ends of the road stubs – including photos and measurements. noted that construction of each layer has been extended past the official limit of works (eg. SMA layer tapers to zero past the limit of works) – the test pits should be taken at an appropriate location (which will be indicative of the constructed pavement within the LoW's). noted that survey conformance would be included in the report.</li> <li>will be conducting a walk-through with on Monday 5 May to discuss a number of items that was not happy with – around kerbs and joints at intersections. asked for SMEC's comments on the SMA by midday Monday.</li> <li>MS asked if an NCR had been raised for SMA works that were completed on the same day Glenn Lacey and Ben McHugh were on-site. <u>No NCR had been raised – it was assumed it was in relation to placing SMA on a rainy day.</u> outlined that no rain had fallen in the morning, SMA works were carried out in the stubs as rain was expected, very light rain fell as were completing their last run in Mirrabai Dr ( suggested the SMA would have received more moisture from the rollers than from any rain). The meeting with GL and BM was in the afternoon after rain had fallen and the surface was wet when they were on-site. GL raised the issue. No NCR has been submitted. <b>Post-meeting note: has requested Hewatt to raise an NCR for placing SMA when rain was "imminent".</b></li> </ul> | <p>Approved.</p> <p>⇒ dwgs to Hewatt to price</p> <p>SMEC</p> <p>SMEC</p> <p>SMEC/</p> |
| 19. | <p>Subcontractors</p> <ul style="list-style-type: none"> <li>All major subcontractors have all been engaged;</li> <li>Kuna have been engaged to carry out some minor works on the Project, have let Hewatt down recently.</li> </ul>   |  |

|     |   |  |
|-----|---|--|
| 20. | Next Meeting(s) <ul style="list-style-type: none"><li>• Friday, 16 May 2014 – Site Meeting (if required)</li><li>• JH noted this may be a good date for the walk through/handover inspection.</li></ul> |  |
| 21. | Other?  |  |

**Husband, John**

---

**From:** Osborne, Peter  
**Sent:** Wednesday, 30 April 2014 10:50 AM  
**To:** Hancock, Patrick  
**Cc:** Husband, John  
**Subject:** FW: Horse Park Drive Extension

Patrick

Further to our correspondence below, I am pleased to advise that the insurer has confirmed the extension of cover to 31 May 2014.

All the best

Peter

---

Peter Osborne | Assistant General Manager  
**PHONE:** (02) 6205 2774 | **FAX:** (02) 6207 0301 | **MOBILE:** | peter.osborne@act.gov.au  
**ACT Insurance Authority | ACT Government**  
Level 3 Canberra Nara Centre | GPO Box 158 Canberra ACT 2601 | [www.act.gov.au](http://www.act.gov.au)

*Please consider the environment before printing this email - or if printing is necessary, please print double-sided.*

---

**From:** Osborne, Peter  
**Sent:** Tuesday, 29 April 2014 5:15 PM  
**To:** Hancock, Patrick  
**Cc:** Husband, John  
**Subject:** RE: Horse Park Drive Extension

That's great thanks very much Patrick

I will contact the insurer now to arrange a short extension.

the best

Peter

---

**From:** Hancock, Patrick  
**Sent:** Tuesday, 29 April 2014 5:14 PM  
**To:** Osborne, Peter  
**Cc:** Husband, John  
**Subject:** RE: Horse Park Drive Extension

Peter, sorry I was getting confused with Stage 2. Stage 1 effectively complete, say of work outstanding.

Patrick Hancock | Senior Procurement Officer  
Phone 02 6207 0219 | Fax 02 6207 5468 | Mobile  
Shared Services Procurement | Commerce and Works | **ACT Government**  
Level 3, Annex, Macarthur House, 12 Wattle Street Lyneham ACT | [www.act.gov.au](http://www.act.gov.au)

---

**From:** Osborne, Peter  
**Sent:** Tuesday, 29 April 2014 5:10 PM  
**To:** Hancock, Patrick  
**Cc:** Husband, John  
**Subject:** RE: Horse Park Drive Extension

Thanks Patrick

When the insurance was last extended on 18 March we were advised that the value of outstanding work was

If that is still the case, does that mean that very little work has been done since the last renewal, or is there a different reason?

I don't think that it should be a problem for the insurer but they will definitely want to know why the value is the same.

Thanks again for your help

Peter

---

**From:** Hancock, Patrick  
**Sent:** Tuesday, 29 April 2014 4:58 PM  
**To:** Osborne, Peter  
**Cc:** Husband, John  
**Subject:** RE: Horse Park Drive Extension

Peter,

AC was completed today, so probably only say 1 of works remaining.

Patrick Hancock | Senior Procurement Officer  
Phone 02 6207 0219 | Fax 02 6207 5468 | Mobile  
Shared Services Procurement | Commerce and Works | ACT Government  
Level 3, Annex, Macarthur House, 12 Wattle Street Lyneham ACT | [www.act.gov.au](http://www.act.gov.au)

---

**From:** Osborne, Peter  
**Sent:** Tuesday, 29 April 2014 4:50 PM  
**To:** Hancock, Patrick  
**Cc:** Husband, John  
**Subject:** RE: Horse Park Drive Extension

Thanks Patrick

Do you know what the value is of the work that is still to be completed.

All the best

Peter

---

**From:** Hancock, Patrick  
**Sent:** Tuesday, 29 April 2014 4:45 PM  
**To:** Osborne, Peter  
**Cc:** Husband, John  
**Subject:** RE: Horse Park Drive Extension



Peter,

Wet weather & Easter has hindered completion, current completion now anticipated in mid-late May. Thanks.

Patrick Hancock | Senior Procurement Officer  
Phone 02 6207 0219 | Fax 02 6207 5468 | Mobile  
Shared Services Procurement | Commerce and Works | ACT Government  
Level 3, Annex, Macarthur House, 12 Wattle Street Lyneham ACT | [www.act.gov.au](http://www.act.gov.au)

---

**From:** Osborne, Peter  
**Sent:** Monday, 28 April 2014 4:38 PM  
**To:** Hancock, Patrick  
**Subject:** FW: Horse Park Drive Extension

Patrick

Further to our correspondence below, please can you confirm whether these works are now complete, or whether a further extension post 1 May 2014 is required.

If the works are complete, please can you confirm the actual project value in due course.

Thanks for your help, all the best

Peter

---

Peter Osborne | Assistant General Manager  
PHONE: (02) 6205 2774 | FAX: (02) 6207 0301 | MOBILE: | [peter.osborne@act.gov.au](mailto:peter.osborne@act.gov.au)  
ACT Insurance Authority | ACT Government  
Level 3 Canberra Nara Centre | GPO Box 158 Canberra ACT 2601 | [www.act.gov.au](http://www.act.gov.au)

*Please consider the environment before printing this email - or if printing is necessary, please print double-sided.*

---

**From:** Osborne, Peter  
**Sent:** Thursday, 27 March 2014 4:39 PM  
**To:** Hancock, Patrick  
**Subject:** RE: Horse Park Drive Extension

Patrick

Further to our correspondence below, I am pleased to advise that the insurer has confirmed the extension of cover to April 2014.

The extra premium payable is: ACTIA will pay this and invoice Shared Services appropriately. I will arrange for the invoice to be sent to you within the next few days.

All the best

Peter

---

**From:** Hancock, Patrick  
**Sent:** Tuesday, 18 March 2014 11:24 AM

**To:** Osborne, Peter  
**Subject:** RE: Horse Park Drive Extension

No, plans haven't changed

Patrick Hancock | Senior Procurement Officer  
Phone 02 6207 0219 | Fax 02 6207 5468 | Mobile C  
Shared Services Procurement | Commerce and Works | ACT Government  
Level 3, Annex, Macarthur House, 12 Wattle Street Lyneham ACT | [www.act.gov.au](http://www.act.gov.au)

---

**From:** Osborne, Peter  
**Sent:** Tuesday, 18 March 2014 10:54 AM  
**To:** Hancock, Patrick  
**Subject:** RE: Horse Park Drive Extension

Hi Patrick

QBE have now asked if there is an updated project plan.

If there is one, please could you send me a copy. If we don't have one, let me know and I'll explain that to them.

Thanks for your help with this, all the best

Peter

---

**From:** Hancock, Patrick  
**Sent:** Tuesday, 18 March 2014 10:15 AM  
**To:** Osborne, Peter  
**Subject:** RE: Horse Park Drive Extension

HPDE Stage 1 outstanding works say

Patrick Hancock | Senior Procurement Officer  
Phone 02 6207 0219 | Fax 02 6207 5468 | Mobile  
Shared Services Procurement | Commerce and Works | ACT Government  
Level 3, Annex, Macarthur House, 12 Wattle Street Lyneham ACT | [www.act.gov.au](http://www.act.gov.au)

---

**From:** Osborne, Peter  
**Sent:** Tuesday, 18 March 2014 10:13 AM  
**To:** Hancock, Patrick  
**Subject:** FW: Horse Park Drive Extension

Hi Patrick

QBE has asked what the value is of the work that is still to be completed.

Please can you let me know what this is. If we don't have a precise figure, an estimate will be fine.

All the best

Peter

---

Peter Osborne | Assistant General Manager  
PHONE: (02) 6205 2774 | FAX: (02) 6207 0301 | MOBILE: | [peter.osborne@act.gov.au](mailto:peter.osborne@act.gov.au)  
ACT Insurance Authority | ACT Government  
Level 3 Canberra Nara Centre | GPO Box 158 Canberra ACT 2601 | [www.act.gov.au](http://www.act.gov.au)

*Please consider the environment before printing this email - or if printing is necessary, please print double-sided.*

---

**From:** Osborne, Peter  
**Sent:** Tuesday, 18 March 2014 9:19 AM  
**To:** Hancock, Patrick  
**Subject:** RE: Horse Park Drive Extension

Thanks Patrick

ACTIA will request a further extension of insurance to cover this period.

the best

ater

---

Peter Osborne | Assistant General Manager  
PHONE: (02) 6205 2774 | FAX: (02) 6207 0301 | MOBILE: | [peter.osborne@act.gov.au](mailto:peter.osborne@act.gov.au)  
ACT Insurance Authority | ACT Government  
Level 3 Canberra Nara Centre | GPO Box 158 Canberra ACT 2601 | [www.act.gov.au](http://www.act.gov.au)

*Please consider the environment before printing this email - or if printing is necessary, please print double-sided.*

---

**From:** Hancock, Patrick  
**Sent:** Tuesday, 18 March 2014 9:04 AM  
**To:** Osborne, Peter  
**Subject:** RE: Horse Park Drive Extension

Peter,

Completion date slipped by about 2 weeks, expect completion 17 April. Thanks.

Patrick Hancock | Senior Procurement Officer  
Phone 02 6207 0219 | Fax 02 6207 5468 | Mobile C  
Shared Services Procurement | Commerce and Works | ACT Government  
Level 3, Annex, Macarthur House, 12 Wattle Street Lyneham ACT | [www.act.gov.au](http://www.act.gov.au)

---

**From:** Osborne, Peter  
**Sent:** Tuesday, 18 March 2014 8:57 AM  
**To:** Hancock, Patrick  
**Subject:** Horse Park Drive Extension

Hello Patrick

The contract works insurance for the Horse Park Drive Extension is due to expire this month.

Please could you advise whether the project will be handed over to the Territory by the end of the month, or whether any extension of cover is required.

Thanks for your help, all the best

Peter

---

Peter Osborne | Assistant General Manager  
PHONE: (02) 6205 2774 | FAX: (02) 6207 0301 | MOBILE: | [peter.osborne@act.gov.au](mailto:peter.osborne@act.gov.au)  
ACT Insurance Authority | ACT Government  
Level 3 Canberra Nara Centre | GPO Box 158 Canberra ACT 2601 | [www.act.gov.au](http://www.act.gov.au)

*Please consider the environment before printing this email - or if printing is necessary, please print double-sided.*

---

**From:** Hancock, Patrick  
**Sent:** Wednesday, 4 December 2013 10:11 AM  
**To:** Osborne, Peter  
**Subject:** RE: Horse Park Drive Extension 01102013

Send to me.

Patrick Hancock | Senior Procurement Officer  
Phone 02 6207 0219 | Fax 02 6207 5468 | Mobile  
Shared Services Procurement | Commerce and Works | ACT Government  
Level 3, Annex, Macarthur House, 12 Wattle Street Lyneham ACT | [www.act.gov.au](http://www.act.gov.au)

---

**From:** Osborne, Peter  
**Sent:** Wednesday, 4 December 2013 9:58 AM  
**To:** Hancock, Patrick  
**Cc:** Parkinson, Andrew; Husband, John  
**Subject:** RE: Horse Park Drive Extension 01102013

Patrick

Further to our correspondence below, I am pleased to advise that the insurer has confirmed the extension of cover to March 2014.

The extra premium payable is ACTIA will pay this and invoice Shared Services appropriately – should this invoice be sent to you or to somebody else?

All the best

Peter

---

Peter Osborne | Assistant General Manager  
PHONE: (02) 6205 2774 | FAX: (02) 6207 0301 | MOBILE: | [peter.osborne@act.gov.au](mailto:peter.osborne@act.gov.au)  
ACT Insurance Authority | ACT Government  
Level 3 Canberra Nara Centre | GPO Box 158 Canberra ACT 2601 | [www.act.gov.au](http://www.act.gov.au)

*Please consider the environment before printing this email - or if printing is necessary, please print double-sided.*

---

**From:** Osborne, Peter  
**Sent:** Thursday, 28 November 2013 11:40 AM  
**To:** Hancock, Patrick  
**Cc:** Parkinson, Andrew; Husband, John  
**Subject:** RE: Horse Park Drive Extension 01102013

Patrick

Thanks very much for your email. I have arranged for this information to be forwarded to the insurers and will let you know as soon as I hear further from them.

I note your comments about the early completion of Stage 2. This project is insured separately under the Territory's annual contract works insurance – unfortunately this policy does not provide discounts for early completion, or additional premium for late completion.

All the best

---

Peter Osborne | Assistant General Manager  
**PHONE:** (02) 6205 2774 | **FAX:** (02) 6207 0301 | **MOBILE:** | [peter.osborne@act.gov.au](mailto:peter.osborne@act.gov.au)  
**ACT Insurance Authority | ACT Government**  
Level 3 Canberra Nara Centre | GPO Box 158 Canberra ACT 2601 | [www.act.gov.au](http://www.act.gov.au)

*Please consider the environment before printing this email - or if printing is necessary, please print double-sided.*

---

**From:** Hancock, Patrick  
**Sent:** Wednesday, 27 November 2013 1:30 PM  
**To:** Osborne, Peter  
**Cc:** Parkinson, Andrew; Husband, John  
**Subject:** RE: Horse Park Drive Extension 01102013

Peter,

Completion of Stage 1 is now due in early-March 2014, as the Contractor has proposed to complete both Stage 1 & 2 at the same time which provides a number of advantages to the Contractor & Client (EDD). Note that Stage 2 will now be complete approximately 3 months earlier in March 2014 (is there a discount/rebate possible??).

The current Stage 1 contract value is \$10.5 million and the value of outstanding works on Stage 1 currently is about \$1.5 million & I would estimate that as at 15 December 2013, approximately \$1.5 million would be outstanding.

I estimate that approximately 75% of project value is completed and has been handed over to the ACT Government.

Apologies for the delayed response. Will also respond to your Constitution Avenue queries when possible. Thanks.

---

Patrick Hancock | Senior Procurement Officer  
**Phone 02 6207 0219 | Fax 02 6207 5468 | Mobile 02 6207 5468**  
**Shared Services Procurement | Commerce and Works | ACT Government**  
Level 3, Annex, Macarthur House, 12 Wattle Street Lyneham ACT | [www.act.gov.au](http://www.act.gov.au)

---

**From:** Osborne, Peter  
**Sent:** Wednesday, 13 November 2013 2:39 PM

**To:** Hancock, Patrick  
**Cc:** Parkinson, Andrew  
**Subject:** FW: Horse Park Drive Extension 01102013

Hello Patrick

The contract works insurance for the Horse Park Drive Extension is due to expire on 15 December 2013.

Please could you advise whether the project will be handed over to the Territory by this date, or whether any extension of cover is required.

If the project is to be handed over by 15 December, please can you advise the actual value of the works.

If an extension of cover is required, please can you also advise the following –

- The value of work not yet completed
- Any change to the estimated contract value
- The reason for the delay
- Details of any variance to the project scope
- Updated project plan/timeline
- Whether any part of the works has been handed back to the Territory

Thanks for your help, all the best

Peter

---

Peter Osborne | Assistant General Manager  
**PHONE:** (02) 6205 2774 | **FAX:** (02) 6207 0301 | **MOBILE:** | [peter.osborne@act.gov.au](mailto:peter.osborne@act.gov.au)  
**ACT Insurance Authority | ACT Government**  
Level 3 Canberra Nara Centre | GPO Box 158 Canberra ACT 2601 | [www.act.gov.au](http://www.act.gov.au)

*Please consider the environment before printing this email - or if printing is necessary, please print double-sided.*

---

**From:** Heal, Peter  
**Sent:** Tuesday, 1 October 2013 3:13 PM  
**To:** Hancock, Patrick  
**Cc:** Parkinson, Andrew  
**Subject:** RE: Horse Park Drive Extension 01102013

We requested Marsh to seek an extension of cover for this project. They have confirmed that QBE will cover project to 15<sup>th</sup> December 2013 and that an extra premium of \$100,000 will be payable.

ACTIA will forward invoices for this amount when received.

Regards

**Peter Heal** | Underwriting Manager | ACT Insurance Authority  
Commerce and Works Directorate  
☎ 02 620 70302 | 📠 02 620 70301 | 📬 PO Box 158 Canberra City ACT 2601

Level 3, Canberra Nara Centre, 1 Constitution Avenue, Canberra ACT 2601

---

**From:** Hancock, Patrick  
**Sent:** Wednesday, 25 September 2013 1:24 PM  
**To:** Heal, Peter  
**Cc:** Parkinson, Andrew  
**Subject:** RE: Horse Park Drive Extension

Peter,

Construction completion date 4 december 2013, landscape completion date 3 june 2014 (which is landscape maintenance only).

Patrick Hancock | Senior Procurement Officer  
Phone 02 6207 0219 | Fax 02 6207 5458 | Mobile  
Procurement Services Procurement | Commerce and Works | ACT Government  
Level 3, Annex, Macarthur House, 12 Wattle Street Lyneham ACT | [www.act.gov.au](http://www.act.gov.au)

---

**From:** Heal, Peter  
**Sent:** Wednesday, 25 September 2013 12:07 PM  
**To:** Hancock, Patrick  
**Cc:** Parkinson, Andrew  
**Subject:** Horse Park Drive Extension

Hello Patrick,

Our Broker has reminded us that cover for Contract Works Insurance on Horse Park Drive Extension (original works) will expire on 5 November 2013.

Could you please provide an update of expected finish date?

Peter Heal | Underwriting Manager | ACT Insurance Authority  
Commerce and Works Directorate  
02 620 70302 | 02 620 70301 | PO Box 158 Canberra City ACT 2601  
Level 3, Canberra Nara Centre, 1 Constitution Avenue, Canberra ACT 2601

---

**From:** Osborne, Peter  
**Sent:** Thursday, 4 April 2013 5:27 PM  
**To:** Parkinson, Andrew  
**Cc:** Heal, Peter; Fletcher, John  
**Subject:** RE: Urgent - Insurance info required

Andrew

Thanks very much for providing this information.

Insurers have also asked for an updated project plan/timeline (I have attached a copy of the version of the plan that was sent to them when the insurance was initially set up). Please could arrange for me to be supplied with a copy.

ACTIA was advised that the next stage, from Burrumarra Avenue to Mirrabai Drive, had been awarded in February and that completion of this work was scheduled for 31 October 2014. Insurance for this work is in place with a different insurer.

Thanks again for your help, all the best

Peter

---

Peter Osborne | Assistant General Manager  
PHONE: (02) 6205 2774 | FAX: (02) 6207 0301 | MOBILE: | [peter.osborne@act.gov.au](mailto:peter.osborne@act.gov.au)  
ACT Insurance Authority | ACT Government  
Level 3 Canberra Nara Centre | GPO Box 158 Canberra ACT 2601 | [www.act.gov.au](http://www.act.gov.au)

*Please consider the environment before printing this email - or if printing is necessary, please print double-sided.*

---

**From:** Parkinson, Andrew  
**Sent:** Tuesday, 2 April 2013 2:45 PM  
**To:** Osborne, Peter  
**Cc:** Heal, Peter; Fletcher, John  
**Subject:** FW: Urgent - Insurance info required

Peter

An extension of the Horse Park Drive cover is required.

Are you also aware that the next stage has been awarded?

---

Andrew Parkinson | A/g Director - Civil Infrastructure Procurement  
Phone 02 6205 4593 | Fax 02 6207 5468 | Mobile  
Shared Services | Commerce and Works | ACT Government  
Level 3 Annex Macarthur House, 12 Wattle Street Lyneham ACT 2602 | PO Box 818 Dickson ACT 2602 | [www.act.gov.au](http://www.act.gov.au)

---

**From:** Hancock, Patrick  
**Sent:** Tuesday, 2 April 2013 2:44 PM  
**To:** Parkinson, Andrew  
**Cc:** Milic, Vladan  
**Subject:** RE: Urgent - Insurance info required

Andrew,

Yes, current PC date for civil construction is 15 October 2013, landscaping is 15 April 2014. These dates are due to wet weather & latent site conditions which have extended the project from the original dates.

|                                     |                                  |         |
|-------------------------------------|----------------------------------|---------|
| Original contract value was         | current varied Contract value is | Project |
| value completed to end-February was | approx. 48% complete.            |         |

Separable Portion 1 is completed (sewer servicing Jacka), connected and handed over. Separable Portions 2 & 3 are approximately 2 weeks behind schedule with the Contractor working to catch up this 2 weeks. Separable Portions 4 & 5 on schedule for completion on the initial dates detailed above.

Thanks,



Patrick Hancock | Senior Procurement Officer  
Phone 02 6207 0219 | Fax 02 6207 5468 | Mobile  
Shared Services Procurement | Commerce and Works | ACT Government  
Level 3, Annex, Macarthur House, 12 Wattle Street Lyneham ACT | [www.act.gov.au](http://www.act.gov.au)

---

**From:** Parkinson, Andrew  
**Sent:** Tuesday, 2 April 2013 1:35 PM  
**To:** Hancock, Patrick  
**Cc:** Milic, Vladan  
**Subject:** Urgent - Insurance info required  
**Importance:** High

Patrick

Can you please provide answers to the following ASAP

**Horse Park Drive Extension**

Coverage expires 30 April 2013

a further extension required?

**Information required where an extension is required**

Value of work not yet completed

Any change to the estimated contract value

Reason for delay

Details of any variance to the project scope

Updated project plan/ timeline

Confirmation of whether any part of the works handed over to the Territory

Please respond directly to me.

---

Andrew Parkinson | A/g Director - Civil Infrastructure Procurement  
Phone 02 6205 4593 | Fax 02 6207 5468 | Mobile  
Shared Services | Commerce and Works | ACT Government  
Level 3 Annex Macarthur House, 12 Wattle Street Lyneham ACT 2602 | PO Box 818 Dickson ACT 2602 | [www.act.gov.au](http://www.act.gov.au)

---

**From:** Parkinson, Andrew  
**Sent:** Tuesday, 2 April 2013 1:28 PM  
**To:** Fletcher, John  
**Cc:** Tomlins, George; Osborne, Peter; Divorty, Jill  
**Subject:** RE: Contract Works - Current action items

John

I'll have my team provide answers to Angela's questions for the following projects:

Out of Scope

- Horse Park Drive Extension

Out of Scope

I believe that Peter Heal has spoken to the relevant project officers about a number of the projects (Horse Park Drive) but we'll provide an updated response.

&

Who should we direct the responses to?

Regards

---

Andrew Parkinson | A/g Director - Civil Infrastructure Procurement  
Phone 02 6205 4593 | Fax 02 6207 5468 | Mobile  
Shared Services | Commerce and Works | ACT Government  
Level 3 Annex Macarthur House, 12 Wattle Street Lyneham ACT 2602 | PO Box 818 Dickson ACT 2602 | [www.act.gov.au](http://www.act.gov.au)

---

**From:** Fletcher, John  
**Sent:** Tuesday, 2 April 2013 1:04 PM  
**To:** Divorty, Jill  
**Cc:** Parkinson, Andrew; Tomlins, George; Osborne, Peter  
**Subject:** FW: Contract Works - Current action items

Jill,  
As per my previous email.

I have attached a list of projects that we require advice on to facilitate ongoing contract works cover.

Your earliest response would be appreciated.

Regards

JOHN FLETCHER | GENERAL MANAGER | ACT INSURANCE AUTHORITY | GPO BOX 158 CANBERRA ACT 2601  
PH: (02) 620 70268 | EMAIL: [John.Fletcher@act.gov.au](mailto:John.Fletcher@act.gov.au)  
Please consider the environment before printing this email - or if printing is necessary, please print double-sided.

---

**From:** Andrews, Angela [<mailto:Angela.Andrews@marsh.com>]  
**Sent:** Tuesday, 2 April 2013 12:21 PM  
**To:** Osborne, Peter  
**Cc:** Fletcher, John  
**Subject:** Contract Works - Current action items

Peter

As discussed earlier – let me know if I can assist in any way.

Out of Scope

Out of Scope

**Horse Park Drive Extension**  
Coverage expires 30 April 2013  
Is a further extension required?

Out of Scope





Suite 2, Level 1  
243 Northbourne Avenue  
Lyneham Canberra ACT 2602  
Telephone +61 2 6234 1900  
Facsimile +61 2 6234 1966  
www.smc.com

29/04/2014

Shared Services Procurement  
PO Box 818  
DICKSON, ACT 2602

Our ref: HPD2-O-0280-L / 09.0

Attention: **Patrick Hancock**  
Senior Project Officer

Contract No: 2013.21048.110  
Horse Park Drive Extension – Burrumarra Avenue to Mirrabai Drive

**SMC's Assessment of VAR 014 - Modifications to Concrete Works at Bridge Approaches**

Patrick,

SMC received Variation Claim No. 14 from Hewatt (letter Ref: HPD2-VO14-AT) on 28 April 2014. The Variation Claim seeks payment for the additional works associated with the construction of concrete protection slabs, minor concrete retaining walls and concrete footpath with railing footing at the bridge. The lump sum price submitted by Hewatt is for

Provided below is a summary of the background to the design errors initiating the Variation, details on each construction element of the Variation and SMC's assessment of the submitted price by Hewatt. A drawing showing of each of the elements is also attached for reference.

**BACKGROUND**

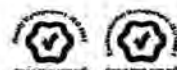
The change in the design which has initiated VAR 014 was developed as a consequence of two design errors associated with the design of the bridge and also the adjacent earthwork formation. These design errors included:

**A. No provision for protection of service conduits adjacent to the ends of the approach slabs**

The service conduits for the shared trench are located within the footpath section of the bridge deck and approach slab concrete pours (as per drawing M110549-S08 & S09). The cover over the conduits through the bridge is approx. 100mm. There was no provision in the original design for the protection of these conduits at the ends of the approach slabs prior to achieving the typical shared trench formation detailed in drawing C11108-018 (with minimum covers as per Table 3.1 in Section 3 of the ACT Standard Specification).

This error was raised by the Contractor in RF1084A, to which the solution was to construct concrete pavement (PT6) for the trunk path above the conduits until necessary cover was achieved. This initiated the concrete path as detailed in Item 3 below.

However, within 2-3m at either end of the approach slabs, the pavement depth for PT6 was not achievable. Therefore a concrete encased section was required until sufficient depth could be achieved. This created the need for the concrete encasement referenced in Item 1 below.



**B. Discrepancies between the bridge design and the earthworks formation designs at either end of the approach slabs**

The design for the bridge deck and approach slab specifies a barrier kerb on either side of the carriageway with a footpath at 3% cross-fall towards the carriageway. However, the design for the earthworks formation (immediately prior to the approach slabs) specifies flush kerb with verges at 2% cross-fall towards Moncrieff. This discrepancy creates a difference in levels between the bridge and the earthworks within the verges.

The difference in level has prevented the original pedestrian railing footing to be constructed. Therefore, the footing for the pedestrian railing on the Moncrieff side of the bridge has been incorporated into the footpath and concrete encasement required as part of the solution to the issues in Part A. On the Taylor/Casey side of the bridge, a strip footing has been used, which also acts as a small retaining wall to address the change in levels between the bridge and the adjacent earthworks.

**1. Concrete protection slab at either end of approach slabs (Moncrieff side of bridge) to provide sufficient protection to the service conduits through the bridge-deck**

The works involved included:

- Preparation of foundations and base material;
- Extension of conduits for encasement;
- Forming and pouring for the concrete works (including adding expansion joints surrounding the guardrail posts);
- Finishing of the concrete and stripping formwork;
- Fixing the pedestrian railing once completed.

**Price Submitted:**

**SMEC's Assessment:**

The price submitted by Hewatt is fair and reasonable for the works required to be undertaken. According to records held by SMEC, the labour, equipment and materials being claimed are generally an accurate reflection on what was carried out. Hewatt have not claimed any time or costs associated with setting out the railing and works to the original design. No Extensions of Time or delay costs have been claimed for these works.

**2. Minor retaining wall incorporating footings for the pedestrian railing at either end of the approach slabs (Casey side of bridge) to address discrepancies between the earthworks and bridgeworks designs**

The works involved included:

- Removal of previously completed works as per the original design;
- Preparation of foundations and base material;
- Set out for final levels;
- Forming and pouring for the concrete works;
- Finishing of the concrete and stripping formwork;
- Fixing the pedestrian railing once completed.

**Price Submitted:**

**SMEC's Assessment:**

The price submitted by Hewatt is fair and reasonable for the works required to be undertaken. According to records held by SMEC, the labour, equipment and materials being claimed are generally an accurate reflection on what was carried out. Whilst the cost of the subcontractor's work appears high compared with Items 1 & 3, SMEC notes that the subcontractor's rates for Items 1 & 3 are quite reasonable and the Variation in general does not include costs for a number of items carried out by the contractor (eg. removal of previously completed works). No Extensions of Time or delay costs have been claimed for these works.



**3. Concrete footpath on Moncrieff side of bridge (incorporating pedestrian railing footing) at either end of the concrete protection slab (see Item 1) to provide protection above the service conduits until adequate cover could be achieved**

The works involved included:

- Removal of previously completed works as per the original design;
- Preparation of foundations and base material (care had to be taken around the service conduits);
- Set out for final levels;
- Forming and pouring for the concrete works (including thickened reinforced concrete edge to act as railing footing);
- Finishing of the concrete and stripping formwork;
- Fixing the pedestrian railing once completed.

**Price Submitted:**

**SMEC's Assessment:**

The price submitted by Hewatt is fair and reasonable for the works required to be undertaken. According to records held by SMEC, the labour, equipment and materials being claimed is generally an accurate reflection on what was carried out. No Extensions of Time or delay costs have been claimed for these works.

**CONCLUSION**

It is SMEC's assessment that the prices submitted by the Contractor for each of the constructed elements within Variation Claim 14 are fair and reasonable. The Variation Claim also includes a sum for the payment of survey services used by Hewatt to construct the works (and provide WAE records). The 12 hours of survey services submitted is generally in accordance with the services that SMEC observed being carried out on-site.

It is noted that the design errors considerably impacted on the progress and 'momentum' of the constructed works and may have contributed to delays in the installation of the kerb and guardrail. Hewatt have not claimed any Extension of Time or delay costs for these delays. As 28 days have now elapsed since the time at which the potential delay has occurred, Hewatt are not able to submit a claim as per Clause 35.5 (b) of AS 2124-1992. A note attached to SMEC's Variation response to Hewatt will specify that there will be no Extension of Time associated with the Variation.

Therefore, SMEC's assessment under Clause 40.5(c) of AS2124 is that the value of VAR 014 is to be

Please contact the undersigned if you request any further details.

Yours sincerely,

Superintendent's Representative  
CC: EDD, John Husband

# Request For Information



Project: *Horse Park Drive Extension – Burrumarra to Mirrabai*

Project File No.:.....

Issued To: SMEC

Copied: SMEC –  
SMEC –

|  |                                 |                           |          |
|--|---------------------------------|---------------------------|----------|
| Originator   | Discipline: <u>Civil</u>        | RFI No: <u>101</u>        | <u>A</u> |
| Email <u>@newatt.com.au</u>  | Issue Date: <u>5/2/2014</u>     | Issue Time: <u>4:00pm</u> |          |
| Mobile   | Req By Date <u>6/2/2014</u>     | Req Time <u>4:00pm</u>    |          |
| Email <u>@SMEC.com (SR)</u>  |                                 |                           |          |
| Reference  | RFI 97 response dated 28/1/2013 |                           | Spec.    |
| <p>Please refer to the response we received to RFI 97.</p> <p>This is specific to the right hand side of the bridge to incorporate the protection slab and path with the handrail footing.</p> <p>Please confirm the handrail footing on the left hand side of the bridge is as per Drg M110549-S13/B.</p> |                                 |                           |          |

|   |   |
|---|---|
| Response From: <u>(SMEC)</u>  | Date/Time of Response: <u>17/2/2014</u> |
| <p>The footing for the handrail shall be incorporated into a 300mm wide Mowing Strip/Special Flush Kerb that will be aligned with the base of the handrail posts. The MS/SFK should have a layer of L8TM with 50mm cover at the top and bottom of the MS/SFK, as per SFK detail in dwg C11108-013. Joints are to be spaced as per dwg C11108-013.</p> <p>Please refer to attached sketch for details.</p> <p>This MS/SFK shall form the edge of the decomposed red granite at this location, as per RFI071A.</p> <p>An inspection of the alignment and steel placement will be required from the Superintendent prior to pouring.</p> |   |
| <p>Reference Old Documents or <u>New</u> Document/s Issued:</p> <p><u>RFI101-RLSK02</u></p>   |   |

Request answered:  Yes  No if No, raise a new RFI with same number and next suffix letter

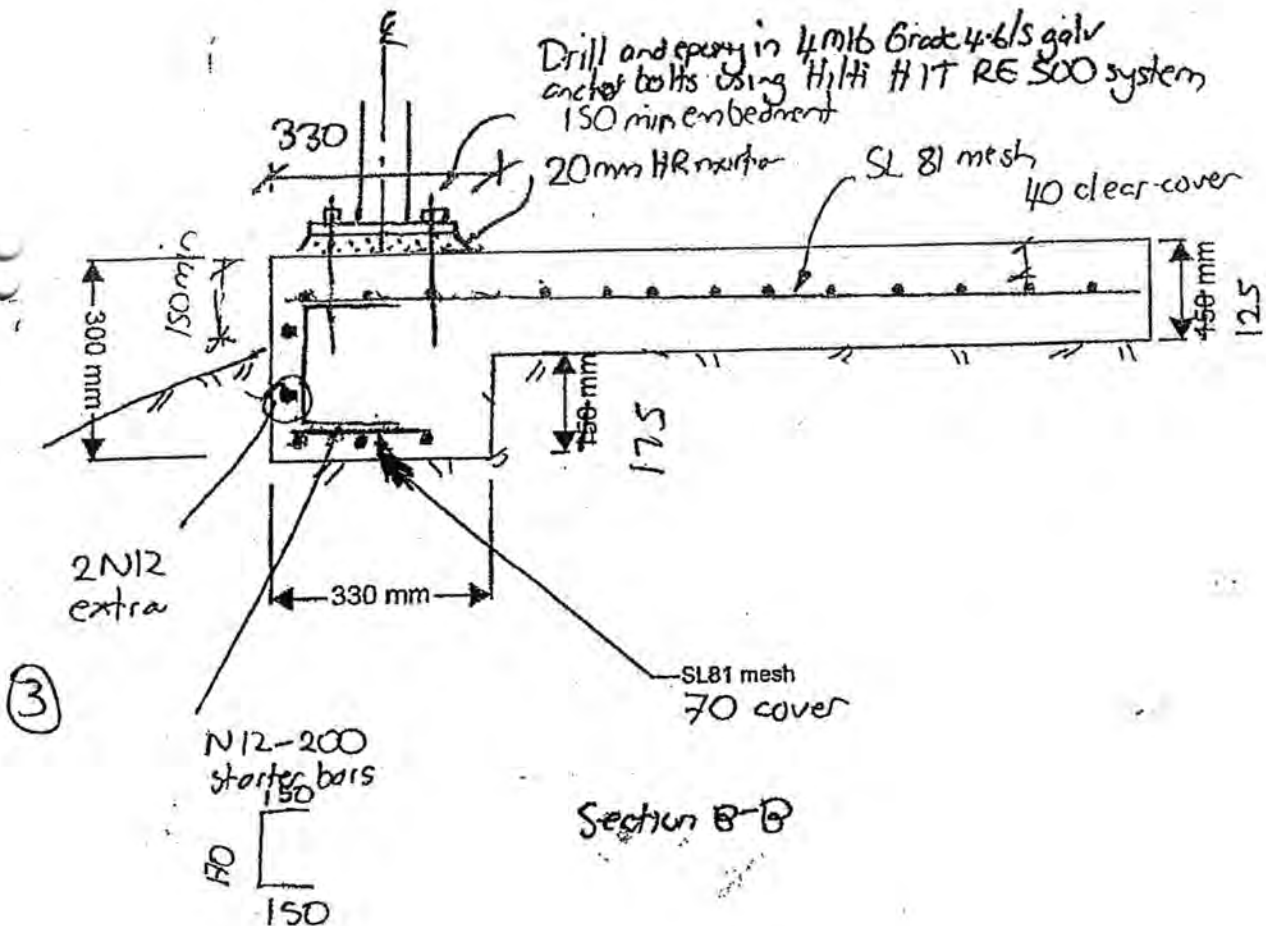
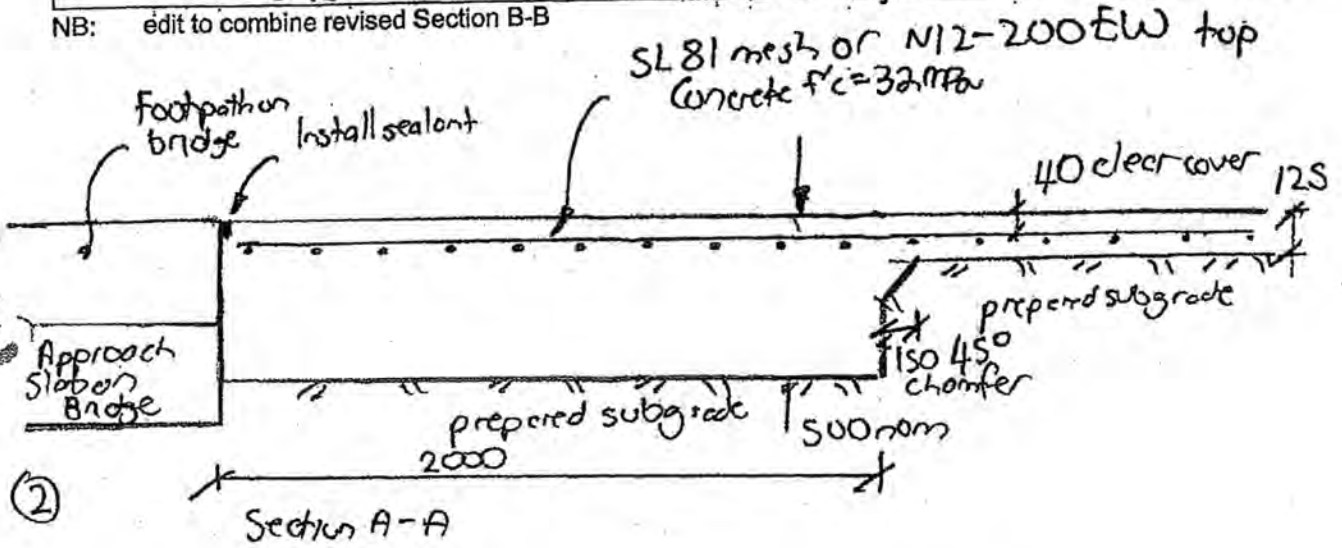
RFI Signed off: \_\_\_\_\_ Date: \_\_\_\_\_  
Contractor PM



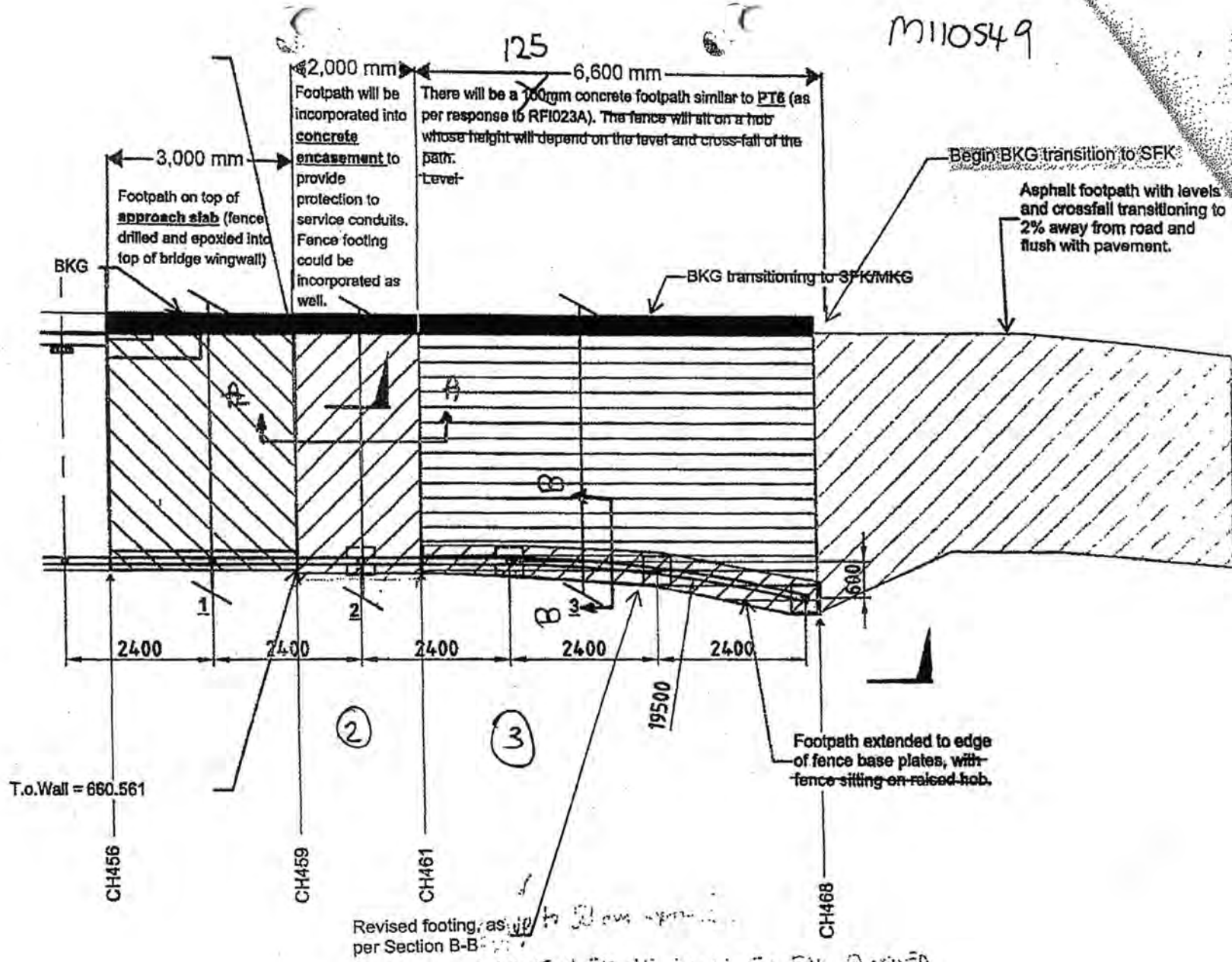
# BROWN

Smart Consulting

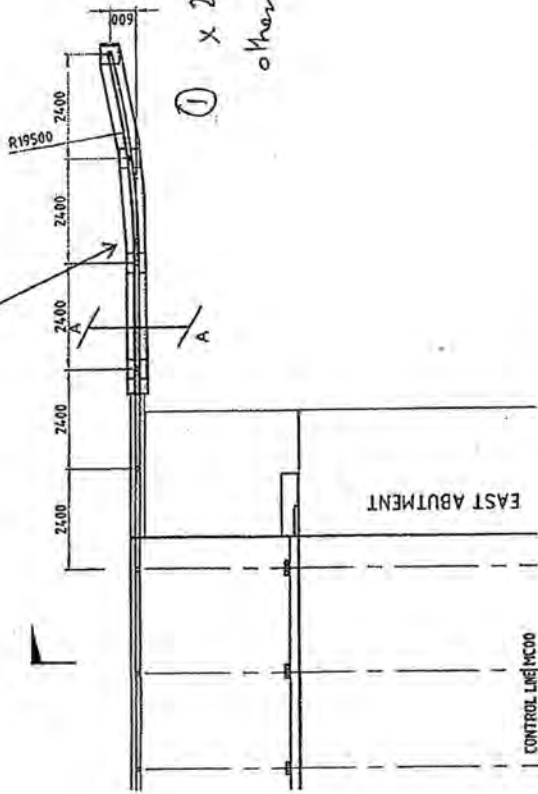
|   |                         |                 |         |
|---|-------------------------|-----------------|---------|
| Title                                   | Horsepark Drive 2 - RFI | Page            | A2      |
| Prepared by                             | DIB                     | Job/Project No. | M110549 |
| NB: edit to combine revised Section B-B |                         | Date            | 24/1/14 |



M110549

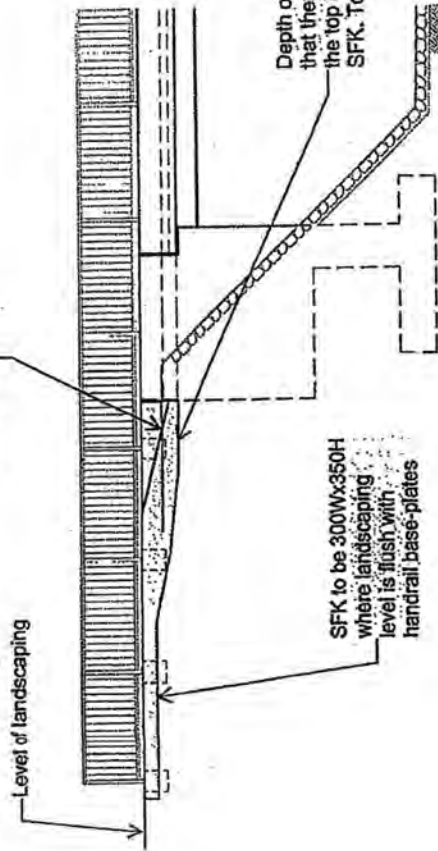


300mm wide SFK,  
varying depth

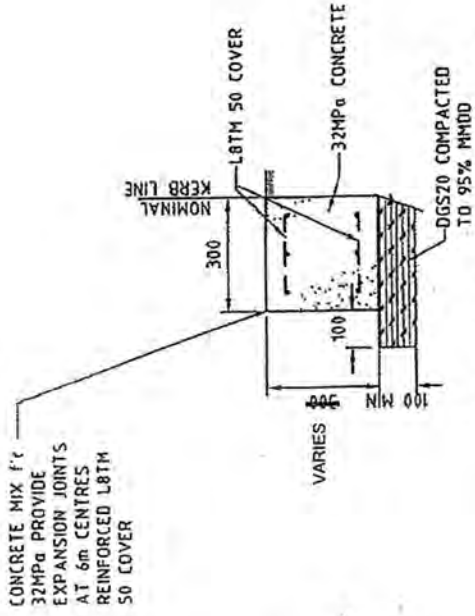


PLAN

EARTHWORKS TO BE  
BATTERED AT 1/4 FROM  
TOP OF STONE, PITCHING TO  
FUSH WITH HANDRAIL  
BASE-PLATES



ELEVATION



**SPECIAL FLUSH KERB (SFK)**

SCALE 1:10 @ A1

SECTION A-A

**NOTES:**

- Western Abutment arrangement to mirror eastern abutment.
- Not to scale



# HEWATT

CIVIL ENGINEERING CONTRACTOR

ABN: 39 120 060 095  
P.O. Box 94  
HALL ACT 2618  
Phone: 02 6227 5694  
Fax: 02 6227 5687  
E-Mail: info@hewatt.com.au  
www.hewatt.com.au

Our Ref: HPD2-VO14-AT

28 April 2014

The Superintendent's Representative  
SMEC Australia Pty Ltd  
Suite 2, Level 1  
243 Northbourne Avenue  
LYNEHAM, ACT, 2602

Attention:

**CONTRACT REF: 2013.21048,110**  
**HORSE PARK DRIVE EXTENSION – BURRUMARRA AVE to MIRRABEI DRIVE**  
**VARIATION 14 – Modifications to Concrete Works on Bridge Approaches and Departures**

Dear

Further to RFI 97A response dated 17/2/14, the revisions to the design require Hewatt to execute additional work. In accordance with Clause 40.1 (d) of AS2124 as amended, the additional works of protection slabs, modified kerbs and modified footpaths adjacent to the bridge are a variation.

In accordance with Clause 40.5 (c) we provide our lump sum price of

The attached spreadsheet summarises details the prices for the separate portions of the additional works.

| Item  | Description                        | Qty | Unit | Rate         | Total    |
|-------|------------------------------------|-----|------|--------------|----------|
| A     | Footpath / Service Protection Slab | 1   | Item |              |          |
| B     | Special Kerb                       | 1   | Item |              |          |
| C     | Bridge Path with Railing Footing   | 1   | Item |              |          |
| Other | Survey (modelling, set out, WAE)   | 12  | hr   |              |          |
|       |                                    |     |      | <b>TOTAL</b> | <b>5</b> |

Also attached is a copy of the invoice from detailing variation prices. Additional information on materials prices can be forwarded if required.

We trust the above meets with your approval. Please contact the undersigned should you have any queries or require any additional information.

Regards

Engineering Manager  
Hewatt Pty Ltd

Attach : Variation Details spreadsheet pages A, B, C (3 pages)  
Invoice  
Part responses to RFIs 97 and 101 (5 pages)



HORSE PARK DRIVE 2

24/04/14

Part 1 of 3

| ITEM | DESCRIPTION   | UNIT | QUANTITY | RATE | Total |
|------|---|------|----------|------|-------|
|      | Footpath / Service Protection Slab  |      |          |      |       |
|      | Construct services protection slab as per Section 2 of RFI 97 sketch attachments. Slab is on the approach and departure from the right hand side of the bridge (ie 2 areas) |      |          |      |       |
| 1    | Supply 32MPa Concrete   | m3   | 6        | \$   |       |
| 2    | Supply reinforcement  | ea   | 2        | \$   |       |
| 3    | Supply miscellaneous materials (for service conduits)   | ea   | 2        | \$   |       |
| 4    | Labour (adjust conduits, extend sleeves, prepare base)  | hr   | 16       | \$   |       |
| 5    | (subcontract form, fix, pour, finish)   | item | 1        | \$   |       |
|      | SUB-TOTAL   |      |          |      |       |

Add MARGIN @

Total excluding GST:

GST

Grand Total including GST:



HORSE PARK DRIVE 2

24/04/14

Part 2 of 3

| ITEM | DESCRIPTION  | UNIT | QUANTITY | RATE | Total |
|------|--|------|----------|------|-------|
|      | Special Kerb   |      |          |      |       |
|      | Construct special flush kerb as per details provided in RFI 97 sketch attachments on approach and departure from the left hand side of the bridge (ie 2 areas) |      |          |      |       |
| 1    | Supply 32MPa Concrete  | m3   | 3        | \$   |       |
| 2    | Supply reinforcement   | ea   | 2        | \$   |       |
| 3    | (subcontract form, fix, pour, finish)  | item | 1        | \$   |       |
|      | Earthworks - excavation, base preparation, regrading   |      |          |      |       |
| 1    | 5t excavator   | hr   | 8        | \$   |       |
| 2    | Labour   | hr   | 8        | \$   |       |
| 3    | Small tools  | day  | 1        | \$   |       |
| 4    | Supply DGB20   | t    | 2        | \$   |       |
|      | SUB-TOTAL  |      |          |      |       |

Add MARGIN @

Total excluding GST:

GST

Grand Total including GST:



HORSE PARK DRIVE 2

Part 3 of 3

| ITEM | DESCRIPTION  | UNIT | QUANTITY | RATE | Total |
|------|--|------|----------|------|-------|
|      | Bridge path with railing Footing   |      |          |      |       |
|      | Construct bridge path with railing footings as detailed in RFI 97 sketch attachments on approach and departure from the right hand side of the bridge (ie 2 areas) |      |          |      |       |
| 1    | Supply 25MPa Concrete  | m3   | 7        | \$   |       |
| 2    | Supply reinforcement   | ea   | 2        | \$   |       |
| 3    | (subcontract form, fix, pour, finish)  | item | 1        | \$   |       |
|      | Earthworks - excavation, base preparation, regrading   |      |          |      |       |
| 1    | 5t excavator   | hr   | 8        | \$   |       |
| 2    | Labour   | hr   | 8        | \$   |       |
| 3    | Small tools  | day  | 1        | \$   |       |
|      | SUB-TOTAL  |      |          |      |       |

Add MARGIN @

Total excluding GST:

GST

Grand Total Including GST:



**Tax Invoice**

26 / 3 / 2014

Hewatt Earthworks Pty Ltd  
PO Box 94  
Hall ACT 2618

Project: Horse Park Drive – Stage 2

Day Docket 477 128m mowing strip @  
Day Docket 507 6 hours @

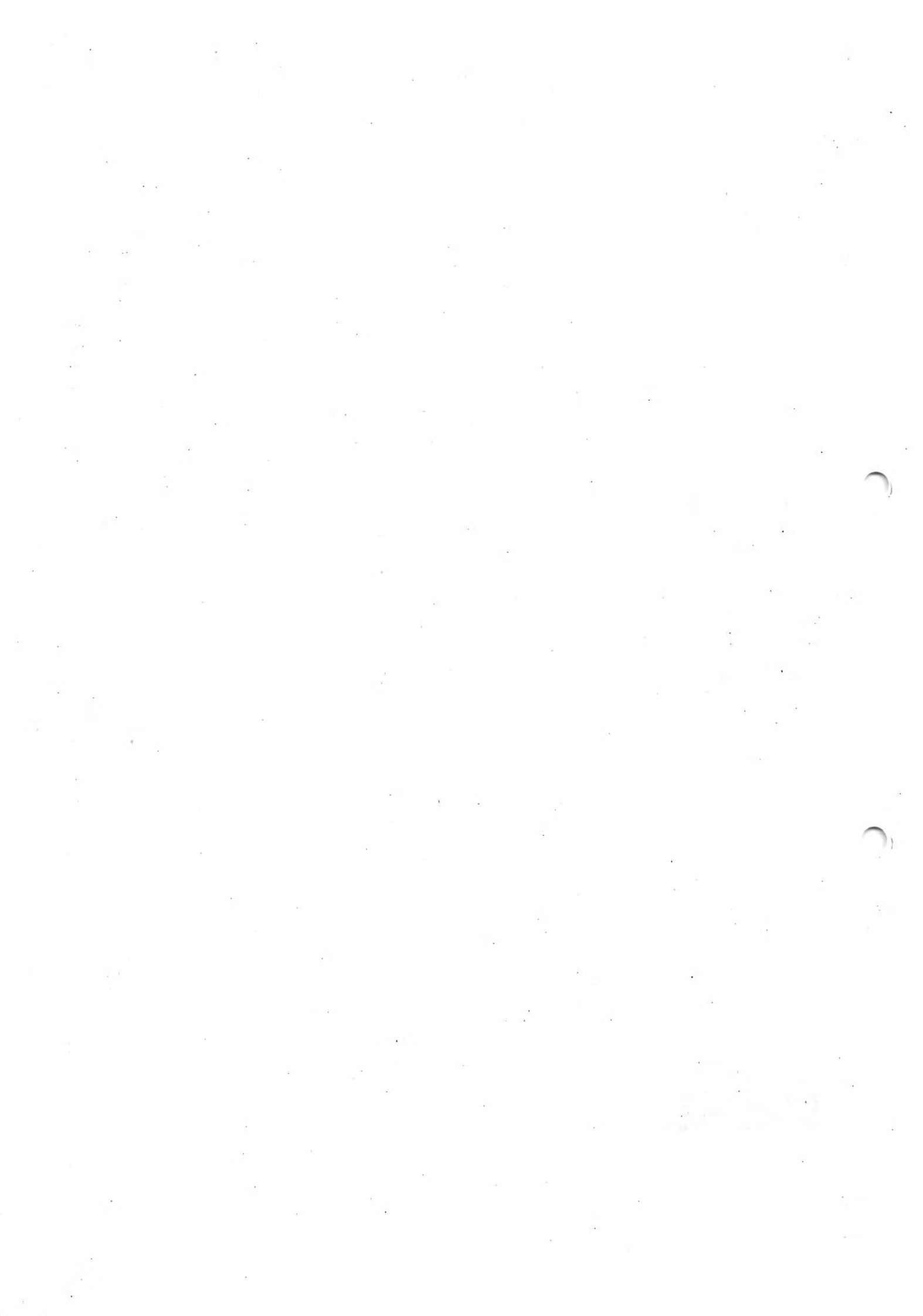
Bridge Relieving Slabs  
Special Flush Kerbs  
Bridge Path incl footing & handrail

Sub-Total

GST

TOTAL

This is a Payment Claim made under the Building & Construction Industry  
Security of Payment ACT (NSW) 1999 and the Building & Construction  
Industry (Security of Payment Act) 2009



# Request For Information



**Project:** Horse Park Drive Extension – Burrumarra to Mirrabiel  
**RFI Title:** Transition of footpath and kerb from Bridge & Approach Slab  
**Issued To:** Brown –

**Project File No.:**.....

**Copied:** SMEC –  
 Hewatt –

|            |   |             |              |                    |
|------------|---|-------------|--------------|--------------------|
| Originator | Discipline: Bridgeworks, footpaths, kerbs | RFI No:     | <b>R 097</b> | <b>A</b>           |
| Email      | @smec.com                                 | Issue Date: | 21/1/14      | Issue Time: 1:00pm |
| Mobile     |   | Req By Date | 24/1/14      | Req Time 12pm      |
| Email      | @brownconsulting.com.au                   |             |              |                    |

|           |  |       |
|-----------|--|-------|
| Reference | See attached sketches, mark-ups and drawings | Spec. |
|-----------|--|-------|

Could you please provide clarification/solutions to the following issues with the design at the transition to the bridge and approach slabs? SMEC has provided options for potential solutions to the problems. See attached documents and sketches for further details.

- 1. Drainage:** surface drainage captured by BKG over bridge discharging concentrated flow at the point that the BKG transitions to SFK. At this point the cross-fall of the path has to be away from the road (which is not possible under the current design – due to the pedestrian fencing);
- 2. Cross fall of footpath:** footpath cross-fall needs to transition from 3% towards the bridge to 2% away from the bridge over 10m (as per RFI013A)
- 3. Footpath levels:** the levels of the footpath are governed by the level of the base of the pedestrian handrail on one side and the top of the kerb on the other side for the 8m either side of the approach slabs (meaning a cross-fall from the fence to the SFK of 9.8% at some locations).
- 4. Levels of pedestrian fencing do not coincide with the levels of earthworks:** the design for the earthwork formation does not tie in flush to the base of the pedestrian fence (ie. level of path beneath fence). Therefore, the top of footings for the fence posts will sit ~300mm above the earthworks level.

**Response From:** (Brown)/ (SMEC) **Date/Time of Response:** 28/01/2014

The details of the footpath and kerb transition adjacent to the approach slabs on the western and eastern ends of the bridge (for the low side, adjacent to the westbound carriageway) are to be as per the following:

- BKG to be extended from the approach slab to the extents of the pedestrian railing fence beyond the approach slab (approx. 8.6m from approach slab). This will maintain an approx. 3% cross-fall of the footpath towards the road. Beyond this point the BKG is to transition to an SFK over 10m. The footpath is to transition from 3% crossfall towards the road to a 2% crossfall away from the road over this 10m. A revised model has been provided with this response.
- An approx. 2m section from the approach slab is to be concrete encased until minimum cover is achieved to service utilities. Reinforcement details for this section are shown in attached sketch (HPD2 Footpath Transition Details Past...)
- The footings for the pedestrian railing are to be incorporated into the footpath as per the sections shown in the attached sketch. Note, the depth of concrete for the concrete relieving slab (RFI023A) is to be 125mm thick (not 100mm thick).
- Given the presence of the PD1 fence at the top of the stone-pitched batter (RFI065A), a 1:4 (V:H) batter is acceptable from the top of the mowing strip to where the batter will meet the level of the footpath. Note: for this distance from the stone-pitching a 500mm deep concrete encasement will have an exposed vertical face.
- Additionally (though not shown in the attached sketch) any exposed face should SL81 or N12 bars at 200 centres each way with 40mm cover to limit shrinkage cracking.

Please raise a Variation for any additional works associated with the above solution.

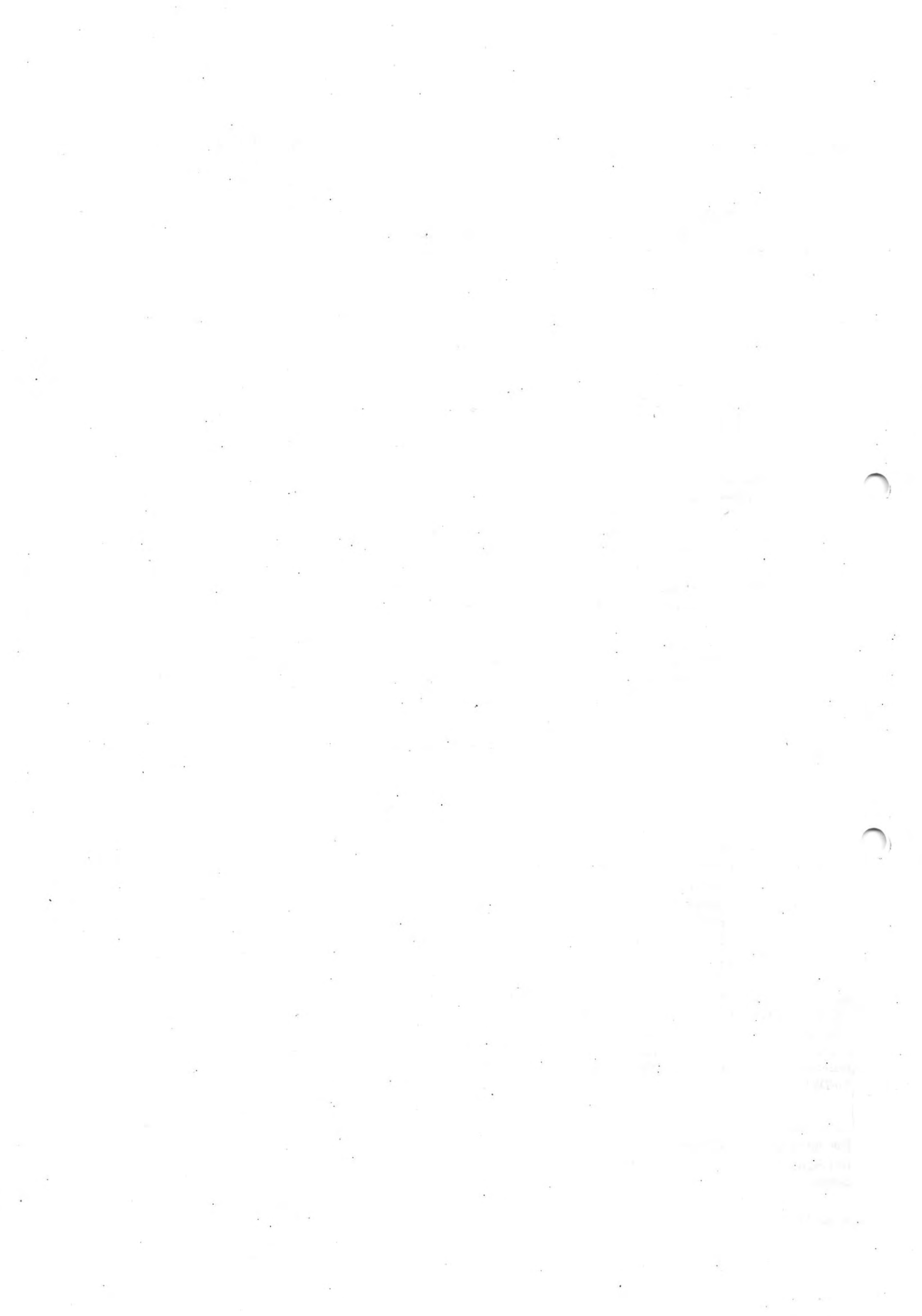
**Reference Old Documents or New Document/s Issued:**

HPD2 Footpath Transition Detail Past Bridge 240114\_RLedit; Transitions at bridge.12da

Request answered:  Yes  No if No, raise a new RFI with same number and next suffix letter

RFI Signed off:  
 Contractor PM

Date: \_\_\_\_\_



# HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



HEWATT



WEEKLY REPORT FOR WEEK ENDING: 26 April 2014

1. **WHS**
  - a. Site inductions continuing.
2. **Traffic Management**
  - a. No changes – construction vehicles using carriageway (with SMA) for access throughout the site.
3. **Design**
  - a. *Clarification on TCDs and termination of path adjacent to Whitrod Ave (RF1121A)* – Brown responded to RF1121A. This response included the requirement for an additional length of path along Whitrod Ave and an additional pram ramp crossing.
  - b. *Temporary TCD for road stubs* – RD Gossip has prepared a design for the proposed TCDs for the road stubs. EDD and SMEC have raised comments and responded to Gossip. Gossip to seek approval from Roads ACT.
4. **Construction**

*The site was generally shut down for the Easter weekend to the end of the ANZAC Day weekend. There were some construction activities by subcontractors 22<sup>nd</sup> to 24<sup>th</sup> April. This included:*

  - a. Stone-pitching continued beneath the bridge and for the northern bridge embankment;
  - b. Preparation for concrete pours for footpaths adjacent to the floodway continued;
  - c. Concrete poured for mowing strips surrounding red granite beneath guardrail;
  - d. Landscaping works across site continued including mowing of grass and spreading of topsoil.
5. **Meetings**
  - a. There were no meetings. The next fortnightly site meeting is scheduled for 2<sup>nd</sup> May 2014.
6. **Issues**
  - a. *Raising of Telstra Pit at CH40* – Telstra's has requested for tender for the works (with the requirement that the subcontractor is to be ACT IRE Certified). Tenders closed 22 April 2014. Hewatt are hoping to hear from Telstra early this week (w/c 28/4/14);
  - b. *Excess material potentially requiring disposal* – spreading of stockpile material has commenced and it appears no disposal of spoil of site will be necessary;
  - c. *Stone-pitching finishes (ISS022)* – SMEC has issued an instruction to Hewatt to repair the area of stone pitching on 16 April 2014. SMEC has invited Hewatt to dispute this direction under Clause 46.2 – AS2124. Hewatt have 56 days to dispute the direction by issuing a Notice of Dispute. Hewatt will respond this week (w/c 28/4/14).
7. **Payments**
  - a. Variations and quantities for Payment Claim No. 13 (April 2014) currently being reviewed and assessed by Hewatt and SMEC;
  - b. SMEC will be gathering Hewatt's quality records for works being claimed in the April progress payment.

## 8. Activities Planned for the Upcoming Fortnight

- a. Complete placement SMA at Mirrabai intersection;
- b. Continue preparation of subgrade and placement of DGB for the shared and equestrian paths under the bridge;
- c. Landscape activities to continue across the site;
- d. Placement of FGG asphalt on the shared path;
- e. Commence placement of decomposed granite under the guard rails at the bridge approaches;
- f. Complete concrete infills of traffic islands;
- g. Placement of FGG Asphalt for the shared path;
- h. Construct pram crossings at the interface between the shared path and carriageway;
- i. Commence rectification of defects – cracks in K&G, etc.

Superintendent's Representative  
Horse Park Drive Extension, Burrumarra Ave – Mirrabai Dr  
SMEC Australia Pty Ltd  
E: [@smec.com](mailto:@smec.com) Ph:

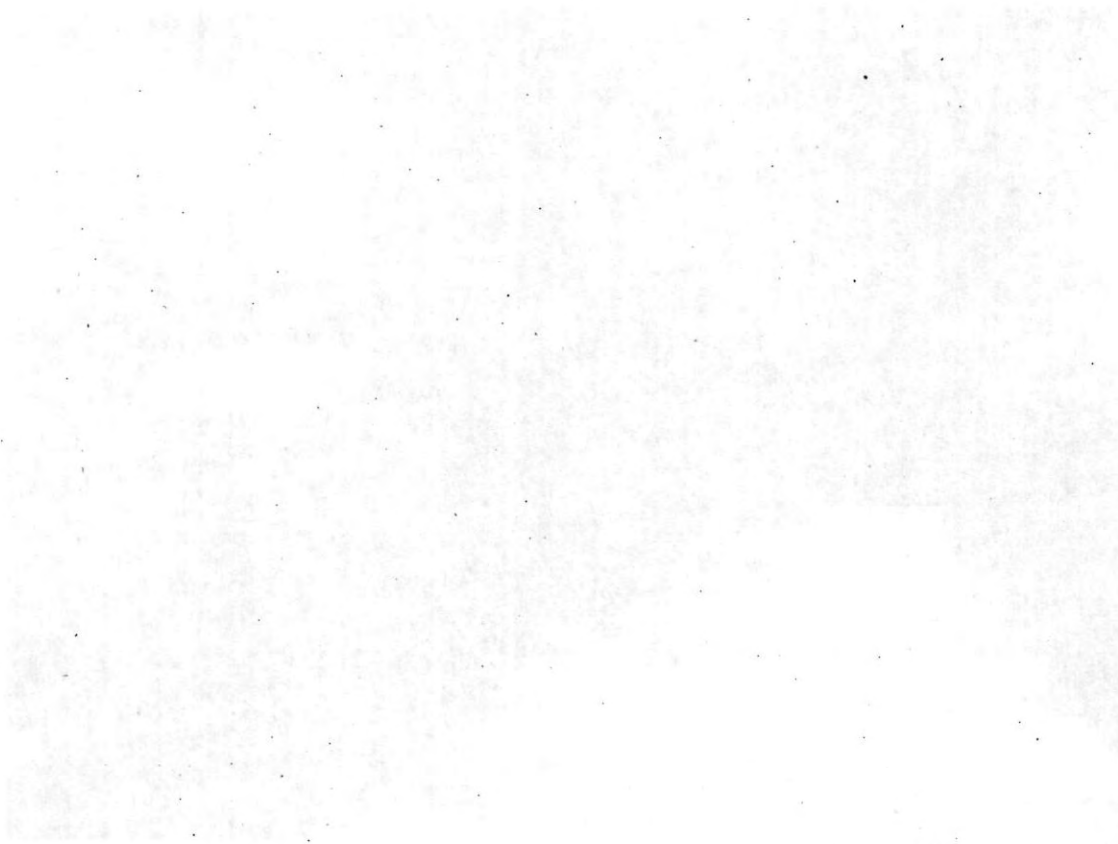
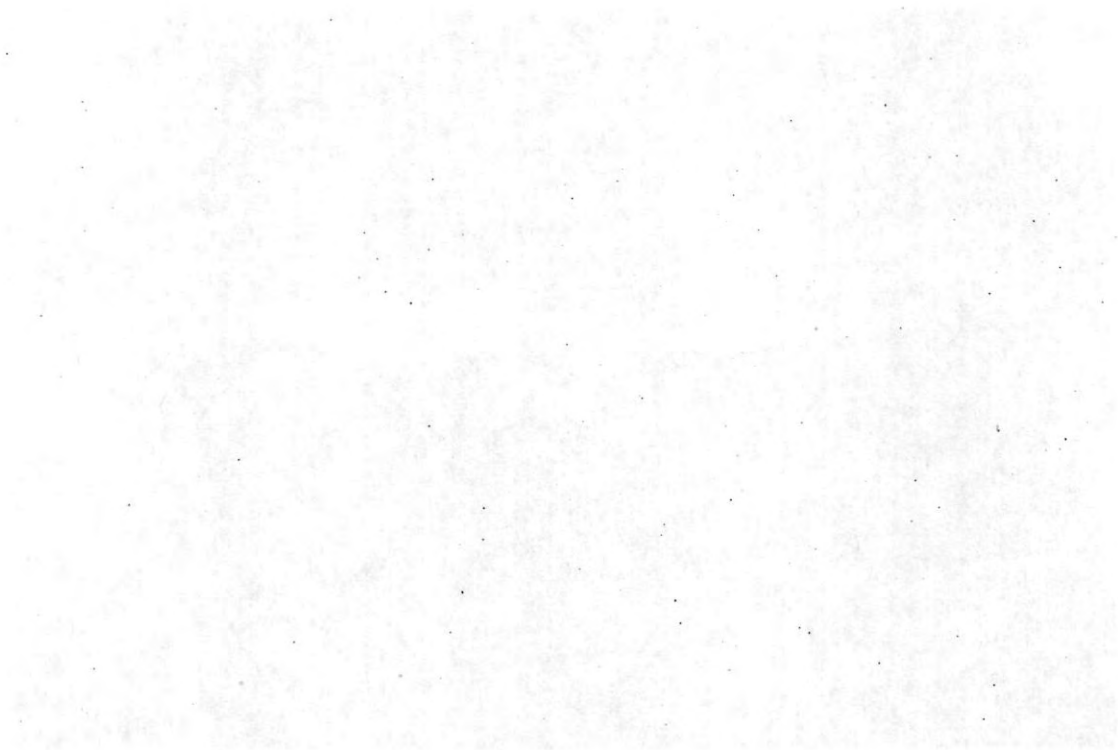
**Photos**



Progress of various works beneath the bridge



Mowing strips for red granite surrounds being poured





## HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



HEWATT



WEEKLY REPORT FOR WEEK ENDING: 19 April 2014

### 1. WHS

- a. Site inductions continuing.

### 2. Traffic Management

- a. No changes – construction vehicles using carriageway (with SMA) for access throughout the site.

### 3. Design

- a. *Clarification on TCDs and termination of path adjacent to Whitrod Ave (RFI121A)* – SMEC have raised an RFI to Brown regarding a number of clarifications on the TCDs. Included within the RFI was the question of whether the extension of the path from Whitrod Ave was required.
- b. *Temporary TCD for road stubs* – RD Gossip has prepared a design for the proposed TCDs for the road stubs. EDD and SMEC have raised comments and responded to Gossip. Gossip to seek approval from Roads ACT.

### 4. Construction

- a. SMA placement completed except for three turn lanes at Mirrabai Avenue intersection;
- b. Mowing strip for decomposed granite areas completed;
- c. Construction of equestrian and shared path – preparation of subgrade and placement of DGB commenced;
- d. Pedestrian hand-railing installed at the bridge;
- e. Concrete infill for traffic islands has been completed;
- f. Placement of FGG-R asphalt for the shared path completed from HPD1 interface to CH1140;
- g. Installation of high end riser cover boxes for sub soils completed;
- h. Spreading of topsoil and landscaping activities continuing.

### 5. Meetings

- a. There were no meetings. Next fortnightly site meeting scheduled for 2<sup>nd</sup> May 2014.

### 6. Issues

- a. *Raising of Telstra Pit at CH40* – Telstra's has requested for tender for the works (with the requirement that the subcontractor is to be ACT IRE Certified). Tender closes 22 April 2014;
- b. *Excess material potentially requiring disposal* – spreading of stockpile material has commenced and it appears no disposal of spoil of site will be necessary;
- c. *Stone-pitching finishes (ISS022)* – SMEC has issued an instruction to Hewatt to repair the area of stone pitching on 16 April 2014. SMEC has invited Hewatt to dispute this direction under Clause 46.2 – AS2124. Hewatt have 56 days to dispute the direction by issuing a Notice of Dispute.

### 7. Payments

- a. Variations and quantities for Payment Claim No. 13 (April 2014) currently being reviewed and assessed by Hewatt and SMEC.

**8. Activities Planned for the Upcoming Fortnight**

*The site has been shut down for the Easter weekend to end of the Anzac weekend. There may be some construction activities by subcontractors 22<sup>nd</sup> to 24<sup>th</sup> April. Construction will recommence on Monday 28<sup>th</sup> April.*

- a. Complete placement SMA at Mirrabai intersection;
- b. Continue preparation of subgrade and placement of DGB for the shared and equestrian paths under the bridge;
- c. Complete stone pitching on the northern side of the bridge adjacent to the shared path;
- d. Landscape activities to continue across the site;
- e. Placement of FGG asphalt on the shared path;
- f. Commence placement of decomposed granite under the guard rails at the bridge approaches;
- g. Continue with concrete infill of traffic islands;
- h. Placement of FGG Asphalt for the shared path;
- i. Construct pram crossings at the between the shared path and carriageway;
- j. Commence rectification of defects – cracks in K&G etc.

Superintendent's Representative  
Horse Park Drive Extension, Burrumarra Ave – Mirrabai Dr  
SMEC Australia Pty Ltd  
E: [e@smec.com](mailto:e@smec.com) Ph:

**Photos**



Asphalt placement Jacka bound carriageway CH1220



Placing stone pitching adjacent to shared path CH60



Placement of DGB on the equestrian path



Installation of PD fence at the eastern bridge deck

# HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEL DRIVE



ACT

HEWATT



SMEC

WEEKLY REPORT FOR WEEK ENDING: 12 April 2014

1. **WHS**
  - a. Site inductions continuing.
2. **Traffic Management**
  - a. No changes – construction vehicles using carriageway (with SMA) for access throughout the site.
3. **Design**
  - a. *Clarification of Asphalt Joints (RF1120A)* – SMEC have issued a response to Hewatt (who have passed the required information onto Downer).
4. **Construction**

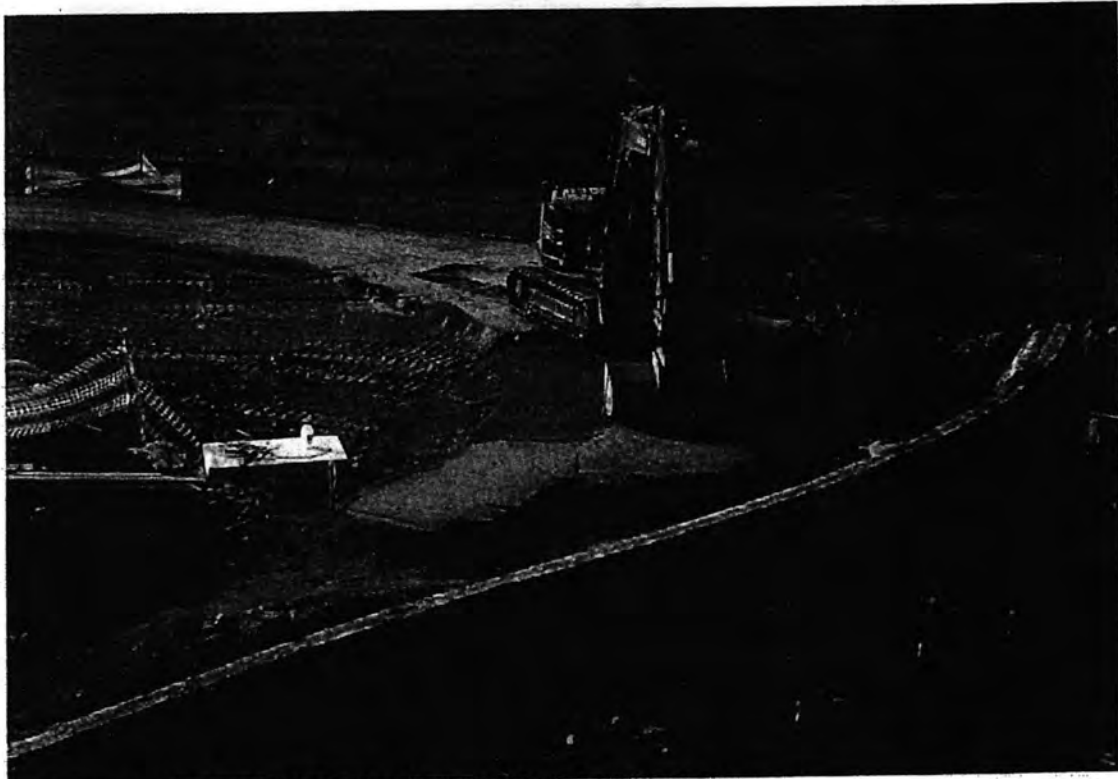
*No construction activity occurred on Thursday due to rain, 18mm was recorded to 9.00am Friday and 0.5mm to 5.00pm Friday*

  - a. Placement of 14/7mm two coat seal completed;
  - b. South west mowing strip for decomposed granite poured and form work for the eastern side of the bridge commenced;
  - c. Equestrian/shared path retaining wall completed;
  - d. Electrical power supply from Casey connected to mini pillars and site documentation / excavation permits updated;
  - e. Placement and trimming of DGB for the shared path
  - f. Shared path –placement of prime commenced;
  - g. Installation of high end riser cover boxes and plates;
  - h. Spreading of topsoil and landscaping activities continuing;
  - i. SMA placed on the Casey bound carriageway from HPD1 to the bridge, and full width from the bridge to Burrumarra Avenue.
5. **Meetings**
  - a. EDD (Glenn Lacey, John Husband and Michael Sergi), Roads ACT (Ben McHugh) and SMEC ( ) met at the stone pitching to discuss potential ways forward.
6. **Issues**
  - a. *Raising of Telstra Pit at CH40* – Telstra's has requested for tender for the works (with the requirement that the subcontractor is to be ACT IRE Certified). Tender closes 22 April 2014;
  - b. *Excess material potentially requiring disposal* – spreading of stockpile material has commenced and it appears no disposal of spoil of site will be necessary;
  - c. *Stone-pitching finishes (ISS022)* – EDD, Roads ACT and SMEC met on site. SMEC will issue a CAR for rectification of the stone-pitching (at Contractor's expense).
7. **Payments**
  - a. Payment Claim No. 12 – March 2014 certified for
8. **Activities Planned for the Upcoming Fortnight**
  - a. Complete placement SMA;
  - b. Prepare subgrade to design level for the shared and equestrian paths under the bridge;

- c. Commence stone pitching on the northern side of the bridge adjacent to the shared path;
- d. Landscape activities to continue across the site;
- e. Placement of prime on the shared path commenced;
- f. Continue trimming of DGB to design levels for the base of the shared path;
- g. Continue installing concrete covers and lids for sub soil high end and intermediate risers;
- h. Complete mowing strips for decomposed granite area under the guard rails at the bridge approaches;
- i. Continue with concrete infill of traffic islands;
- j. Placement of FGG Asphalt for the shared path
- k. R sumps being cleaned and checked for final inspections;
- l. Landscaping continuing

Superintendent's Representative  
Horse Park Drive Extension, Burrumarra Ave – Mirrabei Dr  
SMEC Australia Pty Ltd  
E: [@smec.com](mailto:HPDE@smec.com) Ph:

**Photos**



Placement of DGB for shared path connection to main carriageway



Back filling against the stone pitched retaining wall at the equestrian/shared path



Placement of SMA CH1650



Placement of SMA CH980



Prime placed on the shared path



**Husband, John**

---

**From:** [redacted]@brownconsulting.com.au  
**Sent:** Tuesday, 22 April 2014 10:41 AM  
**To:** Hancock, Patrick  
**Cc:** Cargill, James; Husband, John  
**Subject:** RE: HPD2 - VO.29 - Changes in Scope between HPD1 & HPD2

/ Patrick

Apologies I have dragged the chain here. I can confirm that what was claimed for/deducted in HPD1 is outlined in his letter that you attached is

Regards

Senior Engineer - Road & Traffic  
Brown Consulting (ACT) Pty Ltd



GPO Box 261, Canberra, ACT, 2601  
Level 6, 121 Marcus Clarke Street, Canberra City, ACT,  
2601

*Smart Consulting*

t. 02 6211 7100 | f. 02 6211 7199  
e. [redacted]@brownconsulting.com.au  
www.brownconsulting.com.au

The information contained in this e-mail and any attachments are confidential and are intended solely for the use of the addressee or someone authorised to receive the addressee's e-mail. If you have received the e-mail in error, please notify the sender by return e-mail, delete the e-mail from your computer system and destroy any printed copy. There is no warranty that this email is error or virus free. It may be a private communication, and if so, does not represent the view of Brown Consulting (ACT) Pty Ltd.  
Brown Consulting recognised for Safety in Design at Consult Australia National Awards. [Read more.](#)

**From:** [mailto:[redacted]@smec.com]  
**Sent:** Tuesday, 22 April 2014 10:34 AM  
**To:** Hancock, Patrick;  
**Cc:** Cargill, James; Husband, John  
**Subject:** RE: HPD2 - VO.29 - Changes in Scope between HPD1 & HPD2

Pat,

Just wondering if there were any additional comments on my email/assessment of HPD2's VO.29 below? Payments are currently being certified for HPD2 based on [redacted] numbers and proposal.

Regards,

SMEC Australia  
M +

---

**From:** Hancock, Patrick [mailto:Patrick.Hancock@act.gov.au]  
**Sent:** Friday, 7 March 2014 8:58 AM  
**To:** [redacted]  
**Cc:** Cargill, James; Husband, John  
**Subject:** FW: HPD2 - VO.29 - Changes in Scope between HPD1 & HPD2

FYI & agreement. My comments in red.

Patrick Hancock | Senior Procurement Officer  
Phone 02 6207 0219 | Fax 02 6207 5468 | Mobile  
Shared Services Procurement | Commerce and Works | ACT Government  
Level 3, Annex, Macarthur House, 12 Wattle Street Lyneham ACT | [www.act.gov.au](http://www.act.gov.au)

---

**From:** [mailto: @smec.com]  
**Sent:** Thursday, 6 March 2014 10:18 PM  
**To:** Hancock, Patrick  
**Cc:** HPDE;  
**Subject:** HPD2 - VO.29 - Changes in Scope between HPD1 & HPD2

Pat,

I have attached VO.29 (HPD2) relating to the changes in the scope of works between HPD1 and HPD2. The total Variation Claim is for [REDACTED] to account for work deleted from HPD2 works and works inherited by HPD2 from HPD1. This claim is as per [REDACTED] initial proposal from September 2013 (also attached).

Assessing the Variation from HPD2's perspective:

- The additional quantities that are being claimed in the Variation are equal to the quantities being deducted from the HPD1 Scope of Works. The quantities have simply been transferred from one project to the other. Therefore, there are no issues with the additional quantities being claimed. [REDACTED] /Brown's to check/confirm
- The rates in the BoQ for HPD2 are slightly higher than HPD1, hence there is a slight discrepancy in the numbers in Table 2 in the "HPD1 - HPD2 interface 5-9-13" attachment. Looking at the variation from HPD2's perspective alone, this pricing is in accordance with Clause 40.5 (a) of AS2124. It is noted that Hewatt will receive [REDACTED] more than they would have if the same work was to be completed under the HPD1 Contract (under effectively the same specifications and work conditions). Net overall savings due to minimal abortive works by doing separately
- The quantities being deducted from the HPD2 scope of works are accurate for the works that are no longer required for removing HPD1's cul-de-sac and associated temporary works. The rates being used are as per the contract. The 12.5% margin being claimed for deductions (totalling [REDACTED]) is considered a 'reasonable amount' for profit and overheads as per Clause 40.5 (d) of AS2124. This work is being deleted from the scope of works, rather than transferred from HPD2 to HPD1. Therefore, the deduction should be considered applicable to Clause 40.5 (d) of AS2124. Agreed

Therefore, from the perspective of the HPD2 Contract, the total value of the Variation from my assessment is [REDACTED] as per Hewatt's Variation Claim.

Please let me know if you agree or disagree with this assessment.

Happy to discuss the above after or before tomorrow's meeting.

Regards,

**SMEC Australia**  
Suite 2, Level 1, 243 Northbourne Avenue, Lyneham, ACT, 2602, Australia  
M [REDACTED]

[REDACTED] @smec.com | [www.smec.com](http://www.smec.com) | [LinkedIn](#)

---

**SMEC SNOWY MOUNTAINS ENGINEERING CORPORATION**

*Local People. Global Experience.*

Disclaimer: The information contained in this e-mail and any attached file is confidential. It is intended solely for the addressee, and may not be used, reproduced, disclosed or distributed without SMEC's permission. SMEC accepts no liability for loss or



**ACT**  
Government

Economic Development

**COMPLETED**

|  |   |  |
|--|---|--|
| <p><b>Date due with Minister's Office</b></p> <p>22/4/14</p> | <p><b>Date due with D-G Office</b><br/><i>at least 2 working days before Minister's Office</i></p> <p>17/4/14</p> | <p><b>Tracking Numbers</b></p> <p>BM14/646</p> |
| <p><b>Any other critical date and reason</b></p>             |   |  |

**Subject:** Horse Park Drive Extension Stage 1 and Stage 2 – Status of Works completed by Hewatt Pty Ltd

**Reply to Correspondence From:** N/A

Contact Officer: John Husband  
Phone: x52920

Cleared by A/g Director: Glenn Lacey

Date: 17/4/2014

Cleared by Division Head: Daniel Stewart

*not available*

Date:

Cleared by Director-General: David Dawes

Date: 17/4/14

e-mailed.  
17/4/14

## Caveat Brief

Ref: BM14/646

To Minister for Economic Development  
From Director-General, Economic Development Directorate  
Subject Horse Park Drive Extension Stage 1 and Stage 2 – Status of Works completed by Hewatt Pty Ltd

- This is provided as additional information as we know Hewatt has only exited the Majura Parkway and will be finalising Horse Park Drive Stage 1 and 2.
- Stage 1 of Horse Park Drive Extension from Katherine Ave to the Moncrieff Group Centre was awarded to Hewatt in July 2012. The project is 90% complete with only minor works remaining.
- Stage 2 of the Horse Park Extension from Burrumurra Ave to Mirrabei Drive was awarded to Hewatt in February 2013. The project is 85% complete with only minor works and asphalt surfacing works remaining.
- The two projects are currently programmed for completion by end of May 2014.
- Shared Services Procurement (SSP) is managing the projects on behalf of Economic Development Directorate. SSP have advised that all payments due and payable to Hewatt have been made in accordance with the terms and conditions of the contracts.
- The payment claims for works in March 2014 are currently being assessed by the Superintendent.



David Dawes  
Director-General

17/4/14.

**Husband, John**

---

**From:** [redacted]@smec.com]  
**Sent:** Wednesday, 16 April 2014 4:50 PM  
**To:** <[redacted]@hewatt.com.au> ([redacted]@hewatt.com.au)  
**Cc:** HPDE; Hancock, Patrick; Cargill, James; Husband, John;  
**Subject:** 2014 04 16 HPD2 - Replacement of Stone Pitching at Western Embankment  
**Attachments:** SI22 (CAR re Stone Pitching Replacement).pdf; 11.03.2014 - ISS21 - 1.pdf

Please find attached SI.22 regarding requested actions for stone pitching on the western embankment.

Regards,

| Superintendent's Representative

**SMEC Australia**

Suite 2, Level 1, 243 Northbourne Avenue, Lyneham, ACT, 2602, Australia

| F | M  
[@smec.com](mailto:[redacted]@smec.com) | [www.smec.com](http://www.smec.com) | [LinkedIn](#)

---

**SMEC SNOWY MOUNTAINS ENGINEERING CORPORATION**

*Local People. Global Experience.*

Disclaimer: The information contained in this e-mail and any attached file is confidential. It is intended solely for the addressee, and may not be used, reproduced, disclosed or distributed without SMEC's permission. SMEC accepts no liability for loss or damage (whether caused by negligence or not) resulting from the use of any attached files.

Please consider the environment before printing this email.

---

This e-mail has been scanned for viruses by Symantec.Cloud.



**SITE INSTRUCTION**

|                              |   |                                  |   |                        |    |
|------------------------------|---|----------------------------------|---|------------------------|----|
| <b>CONTRACTOR:</b>           | Hewatt Pty Ltd                                      | <b>FILE:</b>                     | 7.2   | <b>INSTRUCTION NO:</b> | 22 |
| <b>LOCATION:</b>             | Western (southern) bridge embankment stone pitching | <b>LOT NO:</b>                   | -   |                        |    |
|                              |   | <b>REF/DWG NO:</b>               | ACT Specs. Section 8;<br>C11108-014<br>C11108-471 |                        |    |
| <b>ACTIVITY DESCRIPTION:</b> | Mortared Stone Pitching Finishes                    |                                  |   |                        |    |
| <b>SITE NOTIFICATION</b>     | <input type="checkbox"/>                            | <b>CORRECTIVE ACTION REQUEST</b> | <input checked="" type="checkbox"/>               |                        |    |

**DETAILS:**

Please remove and replace the stone pitching on the western embankment beside the bridge (as shown in the attached mark-ups) at Hewatt's expense. Please note the section already replaced is deemed to be acceptable to remain.

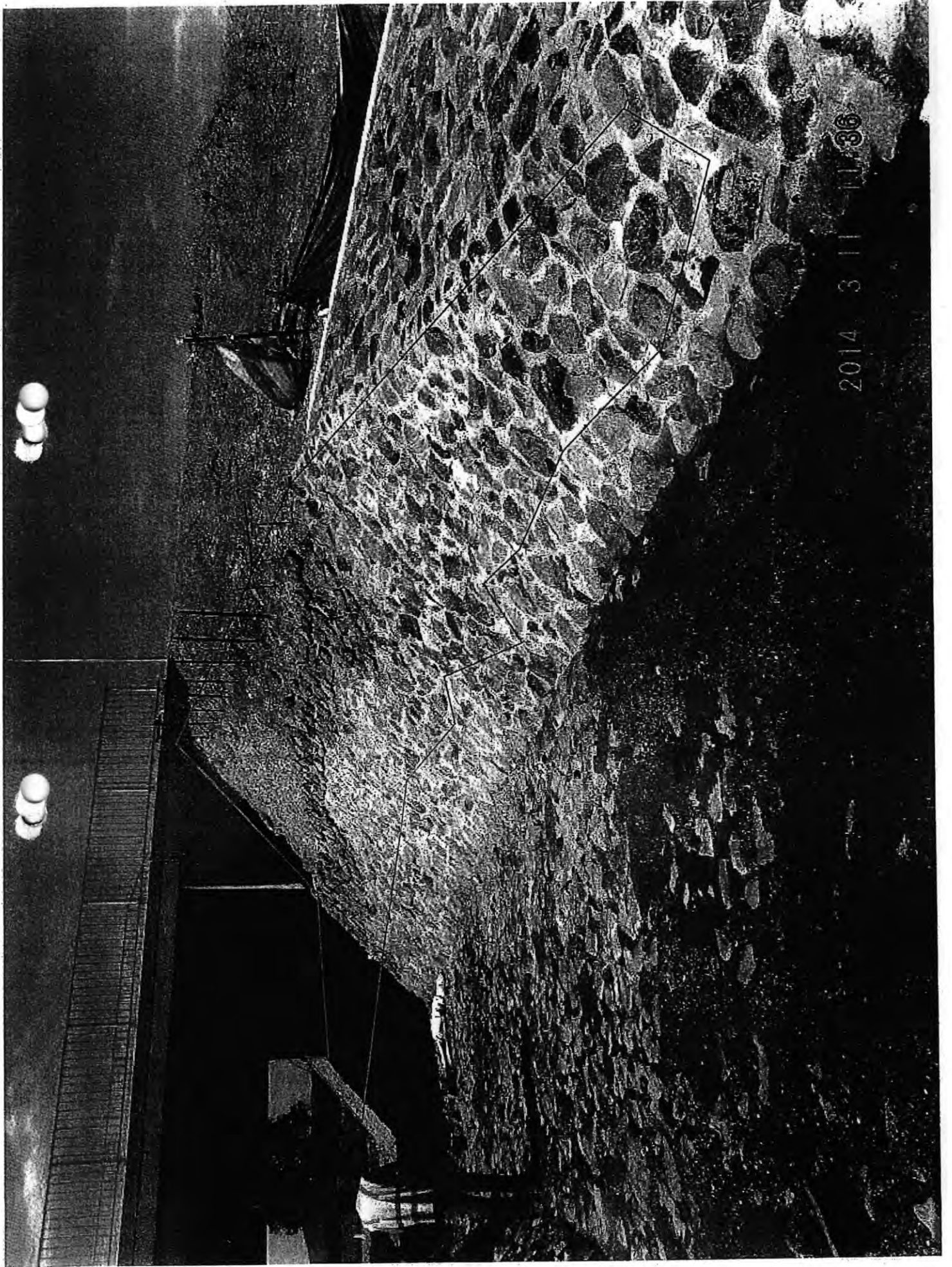
The finish of the stone work is not to the same standard of the test panel (HW02).

The test panel was completed by Hewatt, subsequently inspected by SMEC and the Principal and it was agreed that the panel was acceptable. There was mutual consensus that the test panel would be used as a basis for all stone pitching works on-site (and that the quality and finish of the stone pitching across the site would meet that of the test panel).

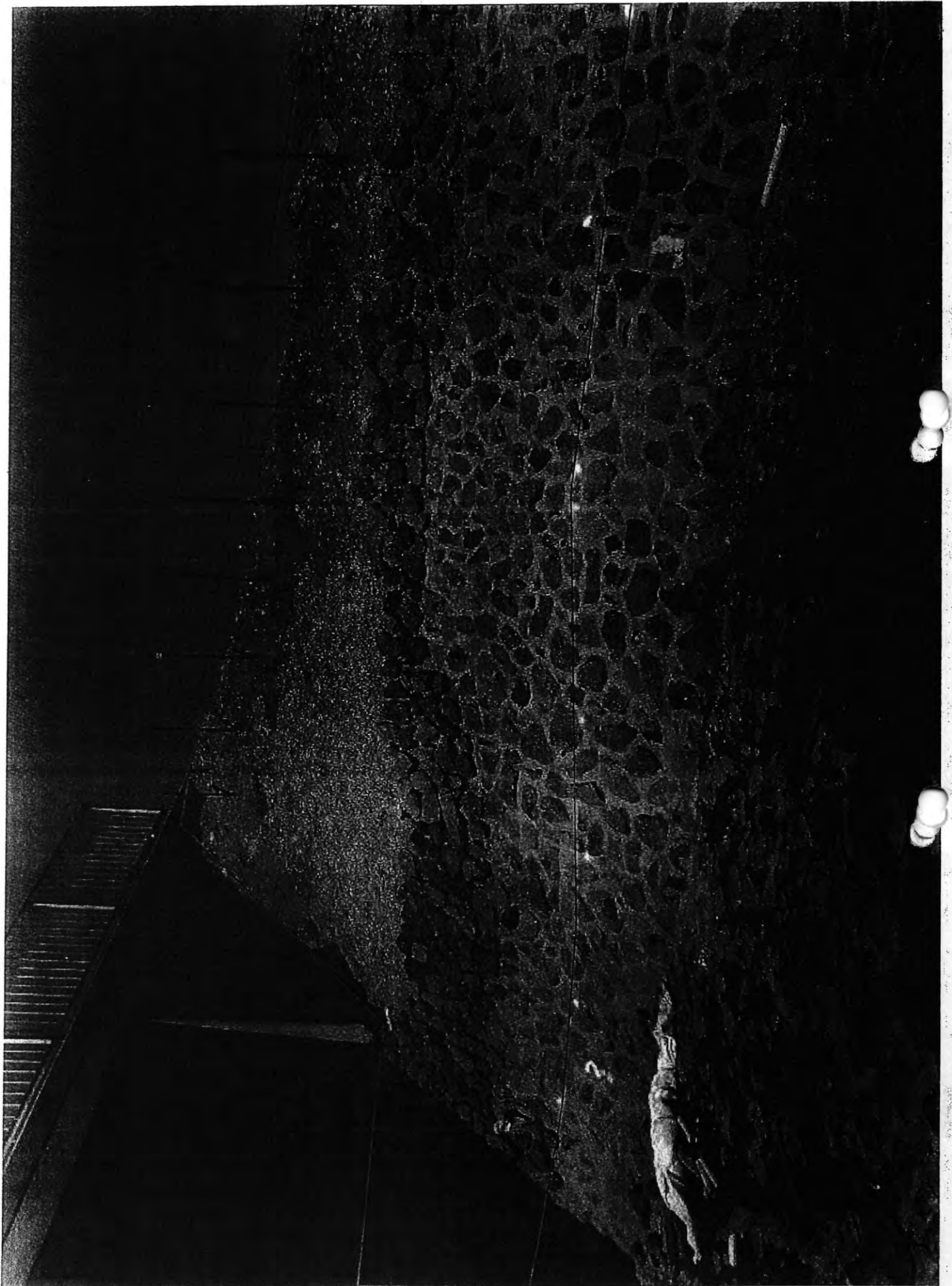
If you wish to dispute this direction then you shall do so under Clause 47 of AS 2124-1992.

|               |             |            |             |               |                   |
|---------------|-------------|------------|-------------|---------------|-------------------|
| <b>SIGNED</b> | <b>DATE</b> | 16/04/2014 | <b>TIME</b> | 14 4:49:00 PM | <b>SMEC</b>       |
| <b>SIGNED</b> | <b>DATE</b> |            | <b>TIME</b> |               | <b>CONTRACTOR</b> |

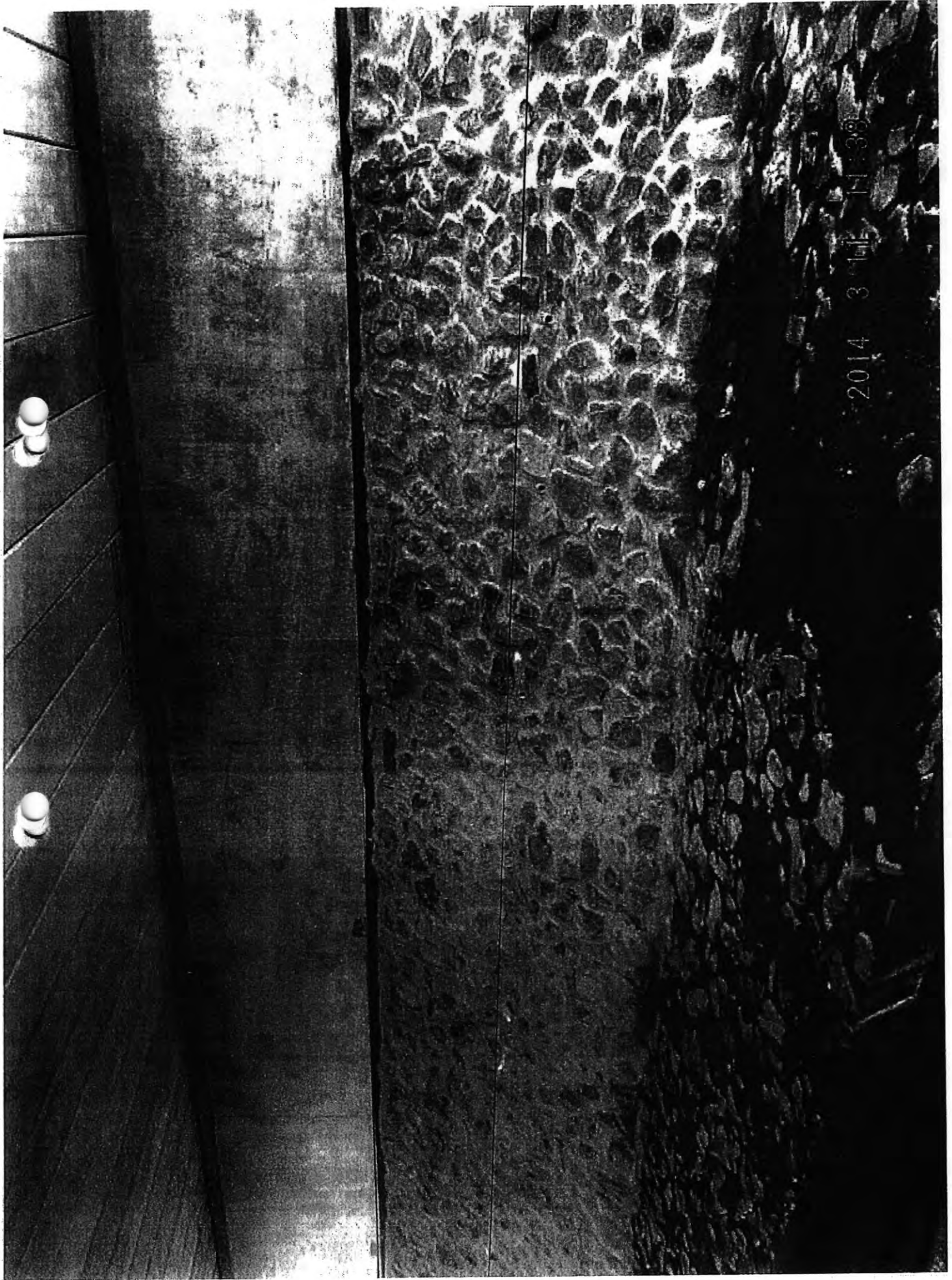
| ASSESSMENT/ACTION (BY SUPERINTENDENT'S REP) |      |        |  |  |  |
|---|------|--------|--|--|--|
| DETAIL                                      | DATE | SIGNED |  |  |  |
|   |      |        |  |  |  |

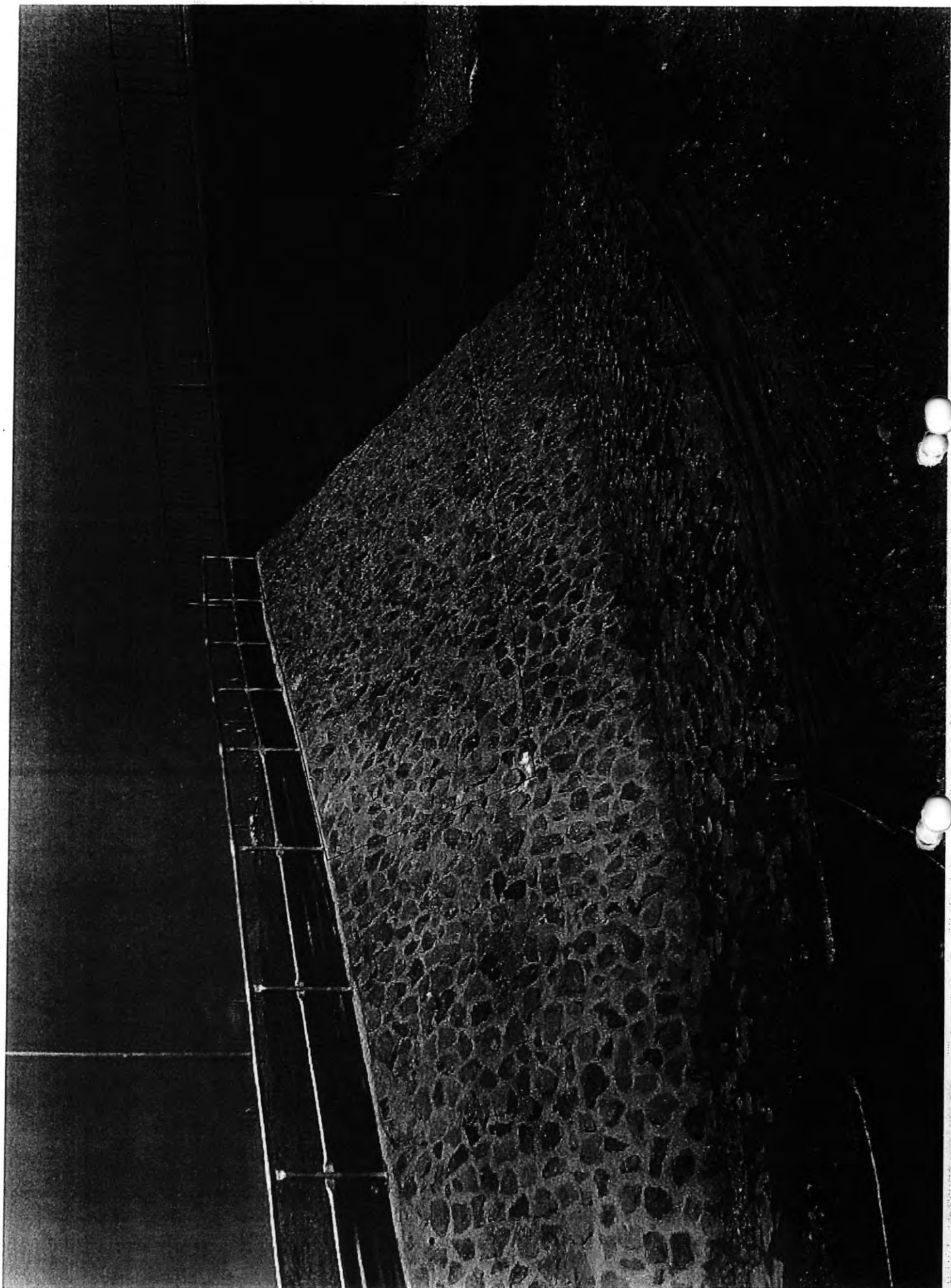


2014 3 11 11:36









**Husband, John**

---

**From:** [redacted]@smec.com]  
**Sent:** Friday, 11 April 2014 2:07 PM  
**To:** Husband, John  
**Cc:** HPDE; Hancock, Patrick; Cargill, James;  
**Subject:** FW: HPD2 - SMA

John,

Hewatt are happy with the updated wording, as per discussions with yourself and Glenn.

Regards,

**SMEC Australia**  
M +

---

**From:** [mailto: [redacted]@hewatt.com.au]  
**Sent:** Friday, 11 April 2014 1:03 PM  
**To:**  
**Cc:** HPDE;  
**Subject:** RE: HPD2 - SMA

No problems

Thanks

---

**From:** [mailto: [redacted]@smec.com]  
**Sent:** Thursday, 10 April 2014 9:55 AM  
**To:**  
**Cc:** [redacted]; HPDE;  
**Subject:** RE: HPD2 - SMA

Regarding Clause 1.1 of R121, as per Point 2 below, the following Technical Exception Clause may be applied to R121:

**"R121 – Clause 1.1**

DELETE:

Second paragraph

SUBSTITUTE

During the Defects Liability Period:

- (a) The asphalt must not ravel, rut, shove, strip or bleed; and
- (b) The asphalt must comply with the surface shape requirements specified in Table R121.8

If requirements in part (a) & (b) are not met within the stated period within **high stress locations (ie. intersections and roundabouts)**, an independent assessment of cause and responsibility will be made at the time."

Please let me know if you have any issues with this TEC, otherwise I will include the above and below details, R121 and the approval of VO.38 in a formal email.

Regards,

SMEC Australia  
M

---

**From:**  
**Sent:** Thursday, 3 April 2014 10:13 PM  
**To:**  
**Cc:** HPDE;  
**Subject:** RE: HPD2 - SMA

EDD have responded to a number of your queries – please refer to the points below. We are still waiting to hear back from them in relation to the 'exemption' (or part thereof) of Clause 1.1 of R121, as you mentioned in Point 2.

- SMA10 to be used on the entire length of HPD2 and the remaining section of HPD1, including intersections.
- DLP period to be 12 months
- PQP not required
- Incentive clause is not used in the ACT
- Echelon paving not warranted
- Use of Shuttle buggy is an option for the contractor to evaluate

I will catch up with you in the morning to discuss.

Thanks.

SMEC Australia  
M

---

**om:** [mailto: @hewatt.com.au]  
**Sent:** Wednesday, 19 March 2014 8:41 AM  
**To:**  
**Cc:** ; HPDE;  
**Subject:** HPD2 - SMA

A few things I require clarification on regarding the SMA and the requirements of RMS R121.

- 1) Can you please clarify that the remainder of Horse Park Drive 1 project is to be 40mm SMA10
- 2) Paragraph 1.1 States "It is suitable for use on high speed traffic roads, but not in high stress locations such as intersections or roundabouts". We have two intersections in HPD2 and one in HPD1 to complete. Hewatt are of the opinion that the requirements of the second paragraph of item 1.1 be deemed void.
- 3) Paragraph 1.3.4 requires submission of a Project Quality Plan. Is this required ?
- 4) Paragraph 3.3 – Echelon paving has been left blank in Annexure A. Hewatt/Downer will not be echelon paving
- 5) Section 4.4 – The method for calculation of ride quality and appropriate amendments differs between R121 and ACT Section 4. Please clarify which method is to be used. Note also that R121 includes for incentives where ride quality is significantly better than the specified requirement.

I am awaiting further advice from Downer regarding any changes to mix design, manufacture, placement or testing as a result of working to the alternate specification.

Please contact me if there are any queries.

Thanks

Regards

Engineering Manager



PO Box 94 HALL ACT 2618

| F | M

[r@hewatt.com.au](mailto:r@hewatt.com.au) | [www.hewatt.com.au](http://www.hewatt.com.au)

Communication Honesty Accountability Respect Teamwork

---

This e-mail has been scanned for viruses by Symantec.Cloud.

---

This e-mail has been scanned for viruses by Symantec.Cloud.

---

This e-mail has been scanned for viruses by Symantec.Cloud.

---

This e-mail has been scanned for viruses by Symantec.Cloud.



**Husband, John**

---

**To:** McGrath, Michael  
**Subject:** Horse Park Drive Stage 2 - Stone Pitching under Bridge Abutment

**Background**

Quality of stone pitching queried a site meeting 15 Nov 2013. Hewatt requested to produce NCR. Minutes of meeting verify this

NCR not produced. This fact not known till yesterday. Subject of a separate discussion

SMEC requested an area to be removed. EDD inspected this area and assessed that a much larger area was out of specification and would not be accepted by Roads ACT, the ultimate asset owner.

The area was inspected yesterday 18 March by reps from Hewatt, SMEC, EDD, SSP and Roads ACT (Alvarro) to solve issue and to determine the Spec requirements.

Contract docs refer to a number of Technical exception clauses. The relevant clause is 8.13.1 "the vertical tolerance for the top level of stone wall or stone pitching shall be +/- 25mm and the horizontal tolerance....."

The words "vertical tolerance" has been clarified to mean the distance 200mm for the stone pitching that includes 75mm concrete base plus 125mm mortared stone pitching. This meaning has been agreed with by the Designer (Brown Consulting who wrote the Clause ) and Roads ACT reps. See Drawing C11108-014.

The contractor has responded to the inspection quoting a number of clauses from the contract regarding surface levels and their finish. The contractor does not reference the clause stated above.

**TAMS Specification Section 8 covers Incidental Works. Section 8.03 - Mortared Stone Pitching and Section 8.13 - Conformance Criteria.** Clause 8.13.1 has been deleted and replaced with the clause in the contract document.

Clarification is required on the measurement stated in Clause 8.13.1 – " the vertical measurement and the tolerances +/- 25mm"

**John Husband** | Senior Project Manager

Phone 02 6205 2920 | Fax 02 6207 6621 | Mobile

**Infrastructure and Capital Works** | Economic Development Directorate | **ACT Government**

Level 6, TransACT House, 470 Northbourne Ave, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601 [www.edd.act.gov.au](http://www.edd.act.gov.au)





# Contract Administration Group Pty Ltd

## Dispute Resolution and Contract Administration

2 April 2014

Glenn Lacey, Patrick Hancock

Dear Glenn, Patrick

Re: Horse Park Drive Stone Pitching

We refer to the issues raised in respect of the stone pitching constructed by Hewatts on Horse Park Drive Extension.

It is our view that the specification does include conformance criteria for the face of the stone pitching.

We have considered the provisions of the Contract Specification on which Hewatts rely in their email for concluding that there is no conformance criteria.

We direct attention to clause 8.1 of AS2124. This provides that the several documents forming the Contract are to be taken as mutually explanatory of one another. We have not identified any ambiguity or discrepancy in the Contract documents and have therefore proceeded on the basis that the Contract documents apply as written and drawn.

The profile of the stone pitching is shown by the "Stone Pitching Detail (at Bridge Abutment)" on the bottom right of Drawing C11108-014. The profile consists of compacted subgrade to 95% MMDD on which is laid 200 thick combined concrete and stone.

The tolerance on the compacted subgrade layer is included in the Earthworks specification at section 2.09.2. This section provides as follows:

*"On completion of cutting, filling and all incidental operations and before placement of covering materials, finished surfaces shall conform to the tolerances in level and shape itemised in Table 2.3."*

The profile of the stone pitching provides for stone embedded in concrete to produce a 200 thick layer. If the pitching is laid as shown on the drawing, the finished face of the pitching would conform with the profile, and therefore be within the tolerances, of the finished subgrade.

Table 2.3 sets out relevant tolerances to which we suggest you have regard in assessing whether the finished pitching is within tolerance.

Sincerely  
Tim Sullivan





**Husband, John**

**From:** Lacey, Glenn  
**Sent:** Thursday, 10 April 2014 9:39 AM  
**To:**  
**Cc:** McGrath, Michael; Husband, John; HPDE; Hancock, Patrick; Cargill, James  
**Subject:** RE: HPD2 - TEC for use of R121 Specification (Ed 3,Rev 0) for Horse Park Drive

My apologies for the delay in reply. Can you pls progress the proposed TEC as described below. Pls see my addition below with yellow highlight.

If there is any further ongoing issues with Hewatt over this matter then I would like to meet with & our collective project team members so I can "explain" hte fact of the technical matter.

Many thanks

**Glenn Lacey | A/g Director**  
**Infrastructure and Capital Works | Economic Development Directorate | ACT Government**  
 Level 6, TransACT House, 470 Northbourne Avenue Dickson ACT 2602  
 T: 02 6207 5507 | F: 02 6207 0123 | [www.economicdevelopment.act.gov.au](http://www.economicdevelopment.act.gov.au)

**From:** [mailto:glenn.lacey@smec.com]  
**Sent:** Tuesday, 8 April 2014 9:31 AM  
**To:** Lacey, Glenn  
**Cc:** McGrath, Michael; Husband, John; HPDE; Hancock, Patrick; Cargill, James  
**Subject:** HPD2 - TEC for use of R121 Specification (Ed 3,Rev 0) for Horse Park Drive

Glenn,

As per discussions on the phone, the issues that have been raised by Hewatt with the use of R121 Specification (Ed 3,Rev 0) (attached for reference) involve the placement of SMA at intersections having to conform to the performance requirements set out in the Clause 1.1. See extract below.

### 1.1 OVERVIEW

This Specification sets out the requirements for stone mastic asphalt for use as a thin textured single layer wearing course. It is suitable for use on high speed traffic roads, but not in high stress locations such as intersection or roundabouts.

During the first 24 months after the Actual Completion Date:

- (a) the asphalt must not ravel, rut, shove, strip or bleed; and
- (b) the asphalt for the first 12 months must comply with the surface shape requirements specified in Table R121.8.

The issues with the above Clause could be resolved by issuing a Technical Exception Clause with the RMS R121 Spec, such as:

"R121 – Clause 1.1

DELETE:

Second paragraph

SUBSTITUTE

During the Defects Liability Period:

- (a) The asphalt must not ravel, rut, shove, strip or bleed; and
- (b) The asphalt must comply with the surface shape requirements specified in Table R121.8

If requirements in part (a) & (b) are not met within the stated period within **high stress locations (ie. intersections and roundabouts)**, an independent assessment of cause and responsibility will be made at the time."

On the other hand, Clause 1.1 could be deleted all together. In fact, R121 (Ed 2/Rev 1) does not include this "Overview" clause in it. Effectively, Clause 1.1 "Overview" is in addition to the requirements of previous R121 Specifications and the ACT Urban Specs Section 4: Flexible Pavement.

I have also attached some past correspondence on the issue.

If you have any questions, please let me know.

Thanks,

Regards,

**SMEC Australia**

Suite 2, Level 1, 243 Northbourne Avenue, Lyneham, ACT, 2602, Australia

[@smec.com](mailto:smec@smec.com) | [www.smec.com](http://www.smec.com) | [LinkedIn](#)

---

**SMEC SNOWY MOUNTAINS ENGINEERING CORPORATION**

*Local People. Global Experience.*

Disclaimer: The information contained in this e-mail and any attached file is confidential. It is intended solely for the addressee, and may not be used, reproduced, disclosed or distributed without SMEC's permission. SMEC accepts no liability for loss or damage (whether caused by negligence or not) resulting from the use of any attached files.

Please consider the environment before printing this email.

---

This e-mail has been scanned for viruses by Symantec.Cloud.

# HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



WEEKLY REPORT FOR WEEK ENDING: 5 April 2014

**1. WHS**

- a. Site inductions continuing - 211 personnel to date

**2. Traffic Management**

- a. No changes – site vehicles continuing to use main carriageway for access throughout Project (shoulders being utilised during priming and sealing works).

**3. Design**

- a. *Clarification of Asphalt Joints (RFI120A)* – SMEC have issued a response to Hewatt (who have passed the required information onto Downer).

**4. Construction**

*No construction activity occurred on Friday due to rain, 35.5mm was recorded overnight and it continued throughout the day.*

- a. Placement of prime completed;
- b. Placement of 14/7mm two coat seal completed from the bridge CH450 to interface with HPD1 CH1800;
- c. North west mowing strip for decomposed granite poured and the form work for the south western side of the bridge completed;
- d. Gas connections were completed and the pipeline is now live and site excavation documentation has been updated – DBYG;
- e. Placement and trimming of DGB for the shared path;
- f. Installation of high end riser cover boxes and plates;
- g. Spreading of topsoil and landscaping activities continuing;

**5. Meetings**

- a. Fortnightly site meeting held Friday 4<sup>th</sup> April.

**6. Issues**

- a. *Raising of Telstra Pit at CH40* – Telstra to respond to Hewatt with updated price for works with IRE certified contractor;
- b. *Excess material potentially requiring disposal* – it appears there may be a small amount of material that will not be able to be disposed on-site (<1000m<sup>3</sup>). Hewatt are organising a bulldozer to start regrading areas to lose the spoil;
- c. *Stone-pitching finishes (ISS022)* – SMEC have asked Hewatt for survey information showing conformance to ACT Specifications.
- d. *Traffic lighting at Mirrabai Dr* – SMEC are in correspondence with Roads ACT regarding the completion and handover of the traffic lighting at Mirrabai Dr.

**7. Payments**

- a. SMEC and Hewatt will work together to have Hewatt's Tax Invoice for Payment Claim No. 12 – March 2014 submitted by Friday 11 April 2014.

**8. Activities Planned for the Upcoming Fortnight**

- a. Complete placement of 14/7mm two coat seal;
- b. Complete the retaining wall between the shared and equestrian paths under the bridge;
- c. Landscape activities to continue across the site;

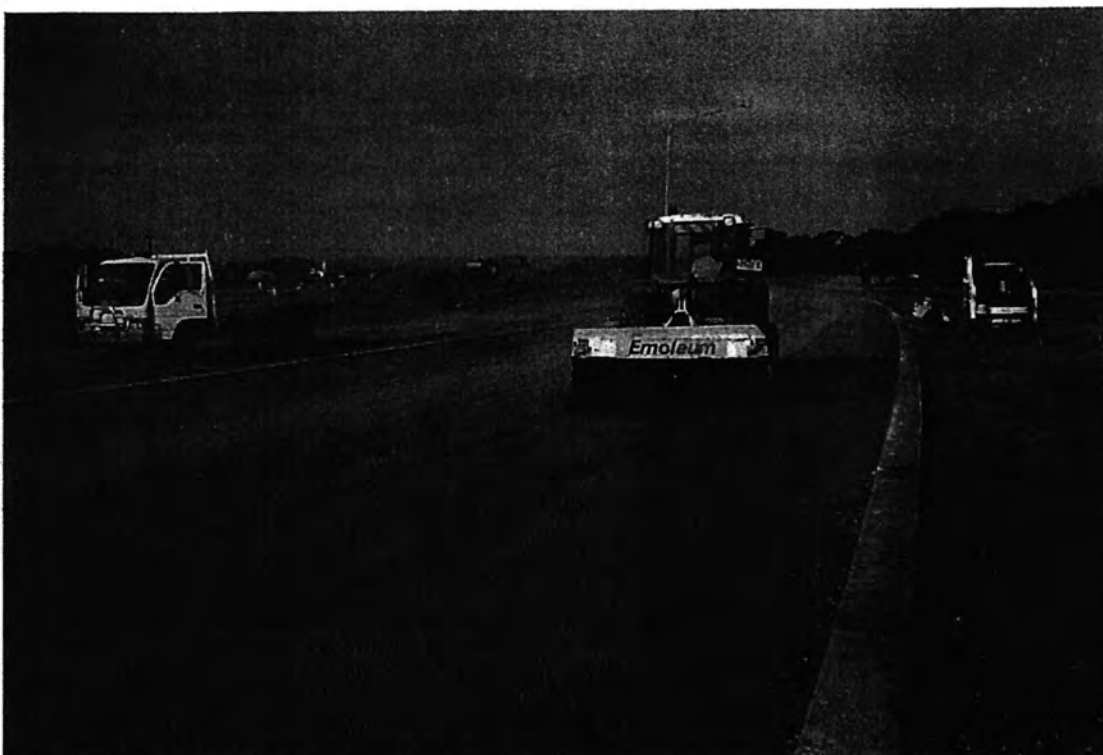
- d. Connection of power supply from ActewAGL's mini-pillars to the streetlights and traffic lights;
- e. Continue trimming of DGB to design levels for the base of the shared path;
- f. Continue installing concrete covers and lids for sub soil high end and intermediate risers;
- g. Complete mowing strips for decomposed granite area under the guard rails at the bridge approaches;
- h. Continue with concrete infill of traffic islands;
- i. Placement of FGG Asphalt for the shared path
- j. Commence placement of SMA staging in HPD1.

Superintendent's Representative  
Horse Park Drive Extension, Burrumarra Ave – Mirrabai Dr  
SMEC Australia Pty Ltd  
E: [@smec.com](mailto:@smec.com) Ph:

Photos



Mowing strip for decomposed granite north western side of bridge



Brooming DGB prior to placement of prime



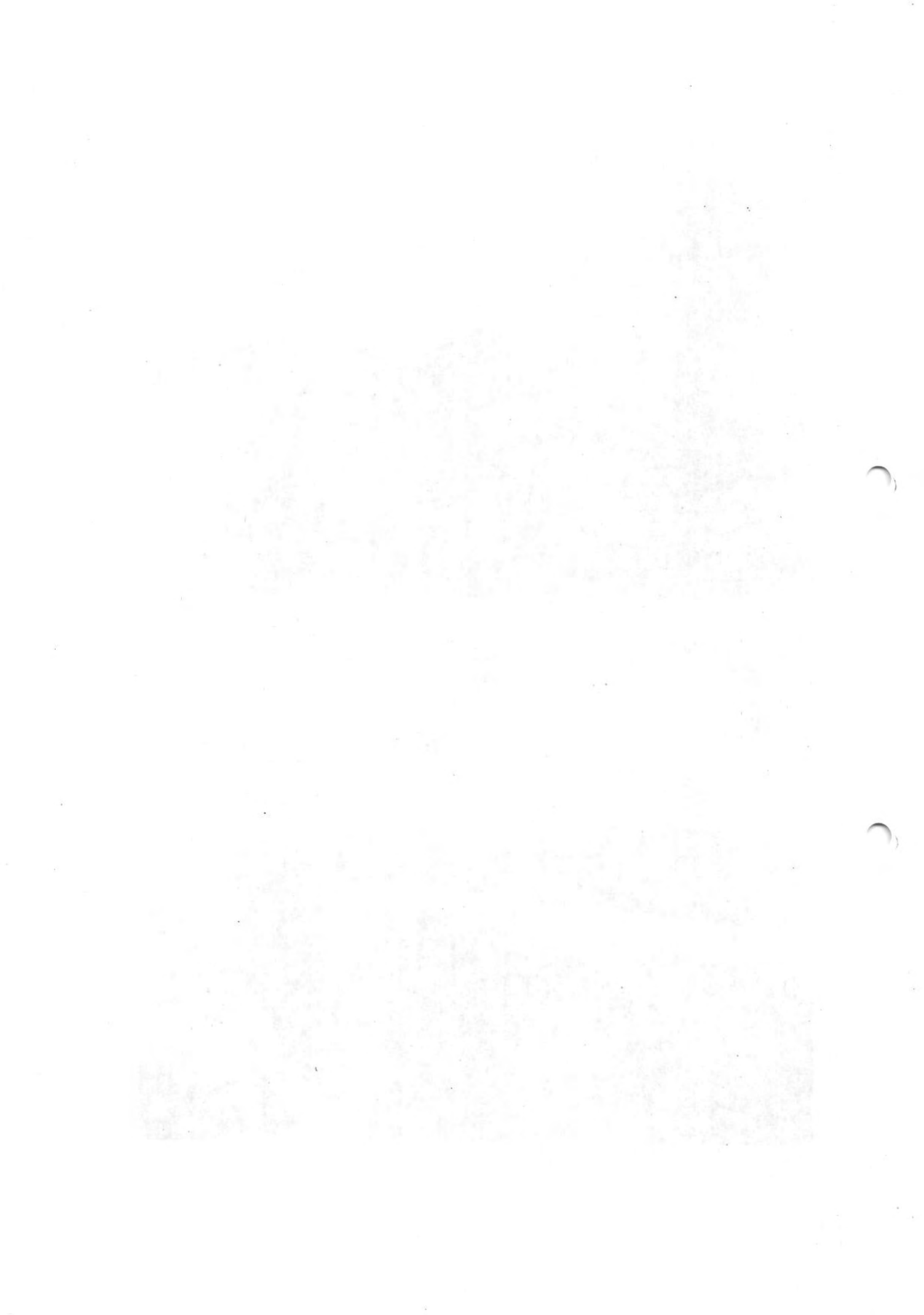




Spray seal being placed at CH850



Placement of two coat 14/7 seal at Mirrabai Drive intersection



# HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



ACT

HEWATT



## MEETING: SITE MEETING - AGENDA

LOCATION: Project Site Office, Horse Park Drive, Jacka  
 DATE: Friday, 4 April 2014  
 TIME: 10.30am

### ATTENDEES:

**Economic Development Directorate:** Michael McGrath (MM)  
 John Husband (JH)  
 Michael Sergi (MS)  
**Shared Services Procurement:** Patrick Hancock (PH)  
 James Cargill (JC)

**Brown:**

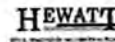
**SMEC:**

**Hewatt:**

| No.              | Item Description  | Action           |  |  |           |                              |             |           |                                  |             |  |
|------------------|---|------------------|--|--|-----------|------------------------------|-------------|-----------|----------------------------------|-------------|--|
| 01.              | WHS   |                  |  |  |           |                              |             |           |                                  |             |  |
| 02.              | Review Previous Minutes / Matters Arising   |                  |  |  |           |                              |             |           |                                  |             |  |
| 03.              | Design <ul style="list-style-type: none"> <li>RFIs: 120 submitted; 0 open</li> </ul>  |                  |  |  |           |                              |             |           |                                  |             |  |
| 04.              | Site Compound   |                  |  |  |           |                              |             |           |                                  |             |  |
| 05.              | Program <table border="1" style="margin-left: 20px;"> <thead> <tr> <th colspan="3">Current PC Dates</th> </tr> </thead> <tbody> <tr> <td>SP1 &amp; SP3</td> <td>Civil, Burrumarra Ave – HPD1</td> <td>03 Apr 2014</td> </tr> <tr> <td>SP2 &amp; SP4</td> <td>Landscape, Burrumarra Ave – HPD1</td> <td>07 Oct 2014</td> </tr> </tbody> </table> | Current PC Dates |  |  | SP1 & SP3 | Civil, Burrumarra Ave – HPD1 | 03 Apr 2014 | SP2 & SP4 | Landscape, Burrumarra Ave – HPD1 | 07 Oct 2014 |  |
| Current PC Dates |   |                  |  |  |           |                              |             |           |                                  |             |  |
| SP1 & SP3        | Civil, Burrumarra Ave – HPD1  | 03 Apr 2014      |  |  |           |                              |             |           |                                  |             |  |
| SP2 & SP4        | Landscape, Burrumarra Ave – HPD1  | 07 Oct 2014      |  |  |           |                              |             |           |                                  |             |  |
| 06.              | Environmental   |                  |  |  |           |                              |             |           |                                  |             |  |
| 07.              | Industrial Relations  |                  |  |  |           |                              |             |           |                                  |             |  |
| 08.              | Traffic   |                  |  |  |           |                              |             |           |                                  |             |  |
| 09.              | Community   |                  |  |  |           |                              |             |           |                                  |             |  |
| 10.              | Staffing  |                  |  |  |           |                              |             |           |                                  |             |  |
| 11.              | Utilities   |                  |  |  |           |                              |             |           |                                  |             |  |
| 12.              | Issues  |                  |  |  |           |                              |             |           |                                  |             |  |
| 13.              | EOT <ul style="list-style-type: none"> <li>EOT Status (16 submitted): 63.5 Days Claimed; 36.5 Days Granted</li> </ul>   |                  |  |  |           |                              |             |           |                                  |             |  |
| 14.              | Variations <ul style="list-style-type: none"> <li>Status (including BoQ over/underruns) (excl GST):<br/>               Submitted; Endorsed; 1 Certified for<br/>               payment (as at end of Feb '14)</li> </ul>  |                  |  |  |           |                              |             |           |                                  |             |  |
| 15.              | Progress Claims   |                  |  |  |           |                              |             |           |                                  |             |  |
| 16.              | Quality Assurance <ul style="list-style-type: none"> <li>HPs: 322 raised; 10 open</li> <li>NCRs: 30 raised (25 Quality; 5 Safety)</li> </ul>  |                  |  |  |           |                              |             |           |                                  |             |  |
| 17.              | Working hours and days  |                  |  |  |           |                              |             |           |                                  |             |  |
| 18.              | Construction Matters  |                  |  |  |           |                              |             |           |                                  |             |  |
| 19.              | Subcontractors  |                  |  |  |           |                              |             |           |                                  |             |  |

|     |   |  |
|-----|---|--|
| 20. | Next Meeting(s) <ul style="list-style-type: none"><li>• Friday, 2 May 2014 – Site Meeting (if required)</li></ul> |  |
| 21. | Other?  |  |

**HORSE PARK DRIVE EXTENSION  
BURRUMARRA AVENUE to MIRRABEI DRIVE**



**MEETING: SITE MEETING - MINUTES**

**LOCATION:** Project Site Office, Horse Park Drive, Jacka  
**DATE:** Friday, 21 March 2014  
**TIME:** 10.30am  
**ATTENDEES:**

**Economic Development Directorate:** Michael McGrath (MM)  
 John Husband (JH)  
 Michael Sergi (MS)

**Shared Services Procurement:** Patrick Hancock (PH)  
 James Cargill (JC)

**Brown:**

**SMEC:**

**Hewatt:**

| No. | Item Description  | Action     |
|-----|---|------------|
| 01. | <p>WHS</p> <ul style="list-style-type: none"> <li>ACT Govt. WHS Audit was held on Monday 17 March 2014 by (Kaizen). Feedback was very positive from a project perspective (an unofficial 9/10 was given for the Project by Ian). raised a number of recommendations for SMEC, which SMEC will follow up with. Hewatt and SMEC will await the follow up report prepared by Kaizen.</li> <li>confirmed that the incident involving the guardrail post driving machine and operator was not a 'notifiable incident' as the worker was discharged immediately from hospital and there were less than 7 days LTI recorded. noted that the worker returned to work the next week after 3 days LTI.</li> <li>informed the meeting that Hewatt's WHS Manager conducted an internal WHS Audit on Thurs. 13/3/14. A couple of NCRs and a number of observations were raised.</li> </ul> | Kaizen/SSP |
| 02. | <p>Review Previous Minutes / Matters Arising</p> <ul style="list-style-type: none"> <li>Hewatt submitted Variation Claim No. 31 relating to the additional works carried out associated with the power supply to the streetlight and traffic light controllers. See Item 14.</li> <li>It was agreed to use 17 April 2014 as an approx. completion date for purposes of advising EDD Communications section and a potential opening event. has raised this item as an issue to ensure relevant parties are kept up-to-date. JH will act as the liaison in keeping EDD Communications informed.</li> </ul>  | JH         |
| 03. | <p>Design</p> <ul style="list-style-type: none"> <li>RFIs: 116 submitted; 0 open</li> <li>issued response to RFI117A, providing revised and conforming crossfalls for the merger of the trunk path and concrete path adjacent to the floodway.</li> <li>SMA Specification Changes – JH noted EDD had received queries (&amp; comments) on the use of RMS Specification R121. JH indicated that EDD considers a PQP necessary and is considering the use of the 'Incentives' clause for ride quality. JH</li> </ul>  |            |

|            |   |                     |
|------------|---|---------------------|
|            | <p>will respond to this email shortly.</p> <ul style="list-style-type: none"> <li>○ noted that the ride quality on HPD1 was not great and there may be deductions associated with this. Hewatt are expecting the ride quality on HPD2 to be considerably better. The 'incentives' clause provides a measurable way of balancing out the potential deductions associated with ride quality. JH was to liaise with MM and consider this.</li> <li>○ also raised the issues associated with the second half of Clause 1.1 (R121) which refers to a 24 month period within which no rutting, shoving, bleeding, etc. must occur. This requirement is outside the project's 12 month DLP and the specification also suggests SMA should not be used in intersections. suggested in comments to JH that the 24 month period could be revised to 12 months and this clause could be relaxed for intersection areas. JH will consider these points.</li> <li>○ also commented that in his opinion the intersections on HPD2 may fail within the 24 months due to the high traffic loading and the use of Mirrabai Dr and Road 04 as construction access points to Moncrieff subdivision works.</li> </ul> <ul style="list-style-type: none"> <li>• Hewatt have submitted a Hold Point for the SMA10 mix design. is reviewing. noted under R121, this Hold Point only needs to be submitted 7 working days prior to placing SMA.</li> <li>• is reviewing the Prime and Seal Design. The proposed program for prime, seal and SMA works are shown in Item 05. noted that the prime is a 'light' prime, using AMC00 as per the design. confirmed that the seal binder is to be a straight C170 binder (ie. 0% cutter) and the standard 14/7mm double-double seal. Given the use of no cutter, the binder only needs time to cool prior to SMA placement (as no volatiles need to bleed off).</li> <li>• sent note through to MS &amp; JH regarding hazard free zone requirement behind guardrails.</li> <li>• JH will respond to an LDA query relating to Bus Stops on HPD1&amp;2 (construction had progressed too far when ACTION requested that bus stops be included. Any bus stops will have to be retrofitted, following the completion of HPD2).</li> <li>• asked if Roads ACT had a time period in mind to complete the wearing course works around Burrumarra Ave roundabout. PH noted no time frame had been given, just a note that Roads ACT will complete these works. noted that the response to RF1038A (widened carriageway between CH60-90) included the recommendation to use temporary kerbing beside the carriageway. It was agreed this requirement could be reviewed following completion of SMA. to raise this at this point.</li> <li>• also asked whether the concrete path along Whitrod Ave that terminates at HPD2 limit of works would be extended as part of HPD2. (It was originally included in the proposal to complete the additional wearing course works). PH said to leave it out of the HPD2 scope of works, if Roads ACT wish to extend they can. would send PH a photo of the location regardless.</li> </ul> | <p>JH</p> <p>JH</p> |
| <p>04.</p> | <p>Site Compound</p> <ul style="list-style-type: none"> <li>• The aim is to have to have the site compound removed by Easter (17 April 2014). The site will be landscaped following</li> </ul>  |                     |

|   |  |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
|---|--|----------------------------------|------------|------------|-------------|------------|------------|------------|-----|------|-----|-----|-----|-----|-----|--|--|--|--|-------|--|--|------------|------------|------------|------------|------------|------------|------------|-----|------|-----|-----|-----|-----|-----|-------|--|--|--|--|--|--|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----|------|-----|-----|-----|-----|-----|---|--|--|--|--|--|--|-------------------------|--|--|--|--|--|--|-----------|--|------------------------------|--|--|-------------|--|-----------|--|----------------------------------|--|--|-------------|--|--|
|   | removal of sheds.  |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| 05.   | <p>Program</p> <ul style="list-style-type: none"> <li>outlined program for prime, seal and SMA works (as shown below). SMA works will commence in HPD1 first. There is the potential for two asphalt crews to be working at once (1 in HPD1 and 1 in HPD2).</li> </ul> <table border="1"> <tr> <td>17/03/2014</td> <td>18/03/2014</td> <td>19/03/2014</td> <td>20/03/2014</td> <td>21/03/2014</td> <td>22/03/2014</td> <td>23/03/2014</td> </tr> <tr> <td>Mon</td> <td>Tues</td> <td>Wed</td> <td>Thu</td> <td>Fri</td> <td>Sat</td> <td>Sun</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Prime</td> <td></td> <td></td> </tr> <tr> <td>24/03/2014</td> <td>25/03/2014</td> <td>26/03/2014</td> <td>27/03/2014</td> <td>28/03/2014</td> <td>29/03/2014</td> <td>30/03/2014</td> </tr> <tr> <td>Mon</td> <td>Tues</td> <td>Wed</td> <td>Thu</td> <td>Fri</td> <td>Sat</td> <td>Sun</td> </tr> <tr> <td>Prime</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>31/03/2014</td> <td>1/04/2014</td> <td>2/04/2014</td> <td>3/04/2014</td> <td>4/04/2014</td> <td>5/04/2014</td> <td>6/04/2014</td> </tr> <tr> <td>Mon</td> <td>Tues</td> <td>Wed</td> <td>Thu</td> <td>Fri</td> <td>Sat</td> <td>Sun</td> </tr> <tr> <td colspan="7">SMA HPD1 &amp; HPD2 - Approximately a days work, 01/04/2014</td> </tr> <tr> <td colspan="7" style="text-align: center;"><b>Current PC Dates</b></td> </tr> <tr> <td colspan="2">SP1 &amp; SP3</td> <td colspan="3">Civil, Burrumarra Ave – HPD1</td> <td colspan="2">03 Apr 2014</td> </tr> <tr> <td colspan="2">SP2 &amp; SP4</td> <td colspan="3">Landscape, Burrumarra Ave – HPD1</td> <td colspan="2">07 Oct 2014</td> </tr> </table> | 17/03/2014                       | 18/03/2014 | 19/03/2014 | 20/03/2014  | 21/03/2014 | 22/03/2014 | 23/03/2014 | Mon | Tues | Wed | Thu | Fri | Sat | Sun |  |  |  |  | Prime |  |  | 24/03/2014 | 25/03/2014 | 26/03/2014 | 27/03/2014 | 28/03/2014 | 29/03/2014 | 30/03/2014 | Mon | Tues | Wed | Thu | Fri | Sat | Sun | Prime |  |  |  |  |  |  | 31/03/2014 | 1/04/2014 | 2/04/2014 | 3/04/2014 | 4/04/2014 | 5/04/2014 | 6/04/2014 | Mon | Tues | Wed | Thu | Fri | Sat | Sun | SMA HPD1 & HPD2 - Approximately a days work, 01/04/2014 |  |  |  |  |  |  | <b>Current PC Dates</b> |  |  |  |  |  |  | SP1 & SP3 |  | Civil, Burrumarra Ave – HPD1 |  |  | 03 Apr 2014 |  | SP2 & SP4 |  | Landscape, Burrumarra Ave – HPD1 |  |  | 07 Oct 2014 |  |  |
| 17/03/2014  | 18/03/2014   | 19/03/2014                       | 20/03/2014 | 21/03/2014 | 22/03/2014  | 23/03/2014 |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| Mon   | Tues   | Wed                              | Thu        | Fri        | Sat         | Sun        |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
|   |  |                                  |            | Prime      |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| 24/03/2014  | 25/03/2014   | 26/03/2014                       | 27/03/2014 | 28/03/2014 | 29/03/2014  | 30/03/2014 |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| Mon   | Tues   | Wed                              | Thu        | Fri        | Sat         | Sun        |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| Prime   |  |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| 31/03/2014  | 1/04/2014  | 2/04/2014                        | 3/04/2014  | 4/04/2014  | 5/04/2014   | 6/04/2014  |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| Mon   | Tues   | Wed                              | Thu        | Fri        | Sat         | Sun        |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| SMA HPD1 & HPD2 - Approximately a days work, 01/04/2014 |  |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| <b>Current PC Dates</b>                                 |  |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| SP1 & SP3   |  | Civil, Burrumarra Ave – HPD1     |            |            | 03 Apr 2014 |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| SP2 & SP4   |  | Landscape, Burrumarra Ave – HPD1 |            |            | 07 Oct 2014 |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| 06.   | <p>Environmental</p> <ul style="list-style-type: none"> <li>Jill Harrop (ACT EPA) will visit the site on Tues 25 Mar 2014. Visit will review if Hewatt's works have been carried out in accordance with the waterway licence.</li> <li>has organised a meeting with (Lend Lease) next week. Silt in the floodway and LL's environmental controls will be an agenda item.</li> </ul>  |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| 07.   | <p>Industrial Relations</p> <ul style="list-style-type: none"> <li><b>Raising Telstra Pit at CH40:</b> Hewatt planned to forward an email from ACT Govt through to Telstra, showing there will be no leniency given to Telstra's subcontractors who do not have ACT IRE Certification. asked if PH could send an email and will forward to Hewatt. <ul style="list-style-type: none"> <li>The intended action is to isolate the area surrounding the pit and continue works either side, until this issue can be resolved.</li> </ul> </li> </ul>  | PH/                              |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| 08.   | <p>Traffic</p> <ul style="list-style-type: none"> <li>PH sent email to B. McHugh asking how Roads ACT would like HPD2 to leave the Traffic Lights at Mirrabai Dr. PH has not received a reply.</li> <li>Moncrieff West subdivision will be out for tender very shortly. It is likely the traffic lights at Mirrabai Dr will be required by June 2014 for construction access. It was agreed by meeting incl. JH &amp; PH that works/proceedings will be carried out to have the lights as operational at Project completion. If there are delays to Moncrieff for any reason and they are not required, Roads ACT can simply disable them or change the phasing.</li> </ul>  |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| 09.   | <p>Community</p> <ul style="list-style-type: none"> <li>added community consultation through Canberra Connect to the PLR.</li> <li>A meeting has been organised with Lend Lease to discuss any issues with HPD2-Springbank Rise interface.</li> <li>also intends to organise a meeting with Ngunnawal 2C (Superintendents or Contractors) to confirm project boundaries and to ensure landscaping is consistent at the interface.</li> </ul>   |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| 10.   | <p>Staffing</p> <ul style="list-style-type: none"> <li>(Foreman/Supervisor) will stay on with HPD2 until 1<sup>st</sup> week of April 2014.</li> </ul>   |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |

|     |  |        |
|-----|--|--------|
|     | <ul style="list-style-type: none"> <li>Hewatt had a number of staff changes throughout the week. The largest of which (for HPD2 purposes) was finishing up on the Project. was the Snr Project Engineer. will be taking over from and will be spending a significant proportion of his time on-site.</li> </ul>  |        |
| 11. | <p>Utilities</p> <ul style="list-style-type: none"> <li>ZNX to connect HPD2 gas to existing at Burrumarra Ave and HPD1 (planned for Tues 25/03). All excavations around the gas line should be complete. noted that the Telstra Pit at CH40 is on the other side of the NBN Pit to the gas – therefore any works for this should not be near the live gas.</li> <li>ActewAGL electrical connection will occur following Ecowise completion of works on the TCU and SLC.</li> <li>SMEC will complete stormwater inspection for HPD2 for handover.</li> <li>MS noted that the Stormwater Inspection Contract had been extended to include roads (as well as subdivisions).</li> <li>will issue updated hydraulics WAE to SMEC for submission to Actew Water.</li> <li>All WAE information has been recorded for the shared utilities trench – it still needs to be compiled and put into drawings. NBN Co. is awaiting this information prior to completing a handover inspection.</li> <li>&amp; asked who should be contacted regarding the data connection for the Telstra line to the TCU. MS indicated that this is something that TaMS (Cameron Glassford) organise when the traffic lights are linked up.</li> <li>MS noted on a walk-through with TaMS on another project, TaMS picked up a number of issues with street-lighting (including the requirement that the bottom of the access panel is 450-500mm from ground level).</li> </ul> | Hewatt |
| 12. | <p>Issues</p> <ul style="list-style-type: none"> <li>The stone-pitching is an ongoing issue. noted that Hewatt will continue to complete works for stone pitching. Comments on quality have been noted by Hewatt and future stone pitching will take this into account.</li> <li>Handover and WAE for PC (ISS019): <ul style="list-style-type: none"> <li>to contact Asset Acceptance to seek clarification on disposition of cracked kerbs;</li> <li>SMEC will issue a draft defects register early next week (week commencing 24/3/14).</li> </ul> </li> <li>A meeting will be held with Lend Lease regarding interface issues with Springbank Rise.</li> <li>also hopes to meet with Canberra Contractors/Brown to discuss interface with N2C. noted that project boundaries have been agreed in email correspondence.</li> </ul>   | SMEC   |
| 13. | <p>EOT</p> <ul style="list-style-type: none"> <li>EOT Status (14 submitted): 52.5 Days Claimed; 36.5 Days Granted</li> <li>asked whether the date for PC was going to be strictly enforced. noted that the current completion date is expected to be a few days after the current date for PC and asked whether this was going to be seen as an issue. The original revised date for PC of 28 March 2014 was proposed by as part of the proposal to merge remaining portions of HPD1 and</li> </ul>  |        |



|     |   |        |
|-----|---|--------|
|     | <p>HPD2.</p> <ul style="list-style-type: none"> <li>o noted that if the date for PC was going to be strictly enforced, there is the potential for delay claims due to a number of design changes, as well as additional EOTs for wet weather.</li> <li>o PH/JH noted request to start discussions was valid. JH would discuss with MM. will send through a short list of potential delays to be considered by JH/MM in decision making.</li> </ul>  | JH/    |
| 14. | <p>Variations</p> <ul style="list-style-type: none"> <li>• Status (including BoQ over/underruns) Submitted; Endorsed; Certified for payment (as at end of Feb '14)</li> <li>• VO.31 (Power supply to SLC and TCU) submitted by with February 2014 Claim. A number of items were missing and asked SS to revise. will forward a quick email to with comments. Hewatt to resubmit. has partly assessed the claim and certified payment for the part that was assessed.</li> <li>• Hewatt have submitted a negative variation for the change to SMA10 with 30mm nominal thickness. to make an assessment and forward to &amp; SSP/EDD.</li> <li>• VAR036 (Raising of Telstra Pit) to be claimed under the Telstra Provisional Sum Item 815P2.</li> </ul>   |        |
| 15. | <p>Progress Claims</p> <ul style="list-style-type: none"> <li>• to revise Cash Flow forecasts and send to SMEC.</li> <li>• PH noted the requirements for March 2014 Tax Invoices (from both Consultants and Contractors) to be submitted early due to SSP Finance System being upgraded. Dates for submissions are within email (sent to SMEC and Hewatt). Pat needs it at the very latest by 16 April 2014 (preferably beforehand). (Post-meeting note: PH's email asked for Contractor's Invoices in by Fri 11 April). <ul style="list-style-type: none"> <li>o SMEC and Hewatt will work together to have the claim &amp; Hewatt's Tax Invoice in within this time frame.</li> </ul> </li> <li>• JH asked if the financials are being divided between HPD1 and HPD2 (for internal EDD financing purposes). noted that this issue had been resolved at a project level with a Variation raised on both HPD1 &amp; 2 for any adjustments. PH noted that SSP will be able to divide the financial reporting for HPD1/2 as required for EDD's purposes.</li> <li>• Payment for Hewatt's February 2014 Tax Invoice is for Thurs 27/3/14.</li> </ul> | AT/RL  |
| 16. | <p>Quality Assurance</p> <ul style="list-style-type: none"> <li>• HPs: 302 raised; 18 open</li> <li>• There are a number of outstanding Hold Points requiring additional information from Hewatt. is following these up ASAP.</li> <li>• has forwarded email to Downer regarding Prime and Seal HP to obtain the necessary information.</li> <li>• The SMA Hold Point should be resubmitted under RMS R121 Specification Requirements.</li> <li>• NCRs: 30 raised (25 Quality; 5 Safety)</li> <li>• Hewatt raised an NCR regarding the testing procedures carried out by J&amp;A Testing. Hewatt/SMEC will await a response from J&amp;A prior to taking the matter further.</li> </ul>   | Hewatt |

|     |  |                    |
|-----|--|--------------------|
| 17. | <p>Working hours and days</p> <ul style="list-style-type: none"> <li>(Note copied across from last meeting's minutes) Hewatt's Easter Shutdown (for other projects) will be from 18 – 27 April 2014 (inclusive). It is anticipated that HPD2 will be completed by this stage, however if not work may continue on non-Public Holiday days in order to complete the Project (RDOs will be banked for later if this is the case).</li> </ul> |                    |
| 18. | <p>Construction Matters</p> <ul style="list-style-type: none"> <li>JH will follow up on the treatments to the end of the road stubs.</li> <li>will prepare a report on the pavement construction in the road stubs (this will include photos and measurements of the pavement constructed).</li> </ul>   | <p>JH<br/>SMEC</p> |
| 19. | <p>Subcontractors</p> <ul style="list-style-type: none"> <li>will finalise contract documents for Downer and forward these through to SMEC.</li> </ul>   |                    |
| 20. | <p>Next Meeting(s)</p> <ul style="list-style-type: none"> <li>Friday, 4 April 2014 – Site Meeting</li> </ul>   |                    |
| 21. | <p>Other?</p>  |                    |

**INCIDENT/NEAR MISS REGISTER - ALL**

| ID No | Type                   | Date       | Location                                | Incident Description  | Parties Involved                         | Consequences of Incident  | Action Taken   | Status |
|-------|------------------------|------------|---|---|--|---|--|--------|
| 1     | WHS Incident           | 10/05/2013 | Site: CH0-500                           | A member of the public was seen walking on the site   | Member of public, Hewatt                 | No injuries.  | Signage and fencing at Site Entry  | Closed |
| 2     | WHS Incident           | 23/05/2013 | CH450                                   | The temporary site fencing on the Casey Development side of the floodway was damaged/cut open.  | Unknown                                  | Damage to fencing.  | Fencing was reinstated.  | Closed |
| 3     | Observation            | 24/07/2013 | Temporary floodway (CH420)              | The sandbags used for shoring the access road over the temporary floodway were noticed to be slightly displaced. This was caused by settlement under loading of the access road. If left this could be a potential problem. | Identified by SMEC                       | N/A   | The road crossing has been rebuilt and the sandbags replaced in a more secure formation. Ongoing monitoring will be undertaken.  | Closed |
| 4     | WHS Incident           | 11/09/2013 | CH1400 - Sewer manhole                  | Worker placing concrete for sewer manholes was working at heights without adequate safety measures  | ACT Civil & Subcontractor                | No injuries or accidents.   | Hewatt advised ACT Civil of the incident and the work methods being used on site to pour the manholes was adjusted accordingly.  | Closed |
| 5     |                        | 14/10/2013 | SP3                                     | Operative Hurt his back when changing the cutting edge on the scrapper  | Hewatt                                   |   | An incident report was completed.  |        |
| 6     | Environmental Incident | 15/10/2013 | Road 04 Intersection                    | A dump truck had an engine failure at approx CH840. The truck came to a safe stop with no other damage or injuries.   | Machine Operator                         | Oil and coolant spilt from the container and onto the road formation. This was cleaned up by Hewatt. There was no other damage or injuries. | Oil Spill was cleaned up by Hewatt and the incident was recorded   | Closed |
| 7     | WHS Near Miss          | 16/10/2013 | Embankment adjacent to Western Abutment | A compactor was working close to the edge of the steep embankment - the machine's front wheels got stuck on the edge of the embankment. The compactor was not meant to be working this close to the steep embankment.       | Compactor Operator                       | The compactor required assistance to get out of the situation.  | The occurrence was recorded as a near miss due to operator error.  | Closed |
| 8     | WHS Incident           | 20/11/2013 | HPD1-HPD2 Site Compound                 | Vandals broke into the site and caused significant damage to the site compound (broken windows), equipment and machinery (water truck graffitied).  | Unknown vandals                          | No injuries or harm was caused to site personnel.   | Police examined the vandalism and lodged a report.   | Closed |
| 9     | WHS Incident           | 13/12/2013 | Block 818                               | A fire was started in the unleased territory Block 818. The fire is thought to have been caused by mowing that took place within the block.   | LDA mowing contractor; Hewatt Site Staff | No injuries or harm was caused to site personnel.   | Hewatt attended the fire with fire extinguishers and a water cart. In January 2014, LDA inspected the mowing and Hewatt informed the representatives of the fire. LDA were to investigate. | Closed |

| ID No | Type         | Date       | Location                               | Incident Description   | Parties Involved      | Consequences of Incident   | Action Taken   | Status |
|-------|--------------|------------|--|--|-----------------------|--|--|--------|
| 10    | WHS Incident | 3/02/2014  | HPD1 - Amaroo School to Jacka Access 1 | A cyclist was identified riding through the asphalted stage of HPD1, within the Limit of Works for HPD1 (which is also used as the entry to HPD2).   | Cyclist, Hewatt       | No parties were injured.   | The cyclist was escorted from the Site by Hewatt staff.  | Closed |
| 11    | WHS Incident | 5/03/2014  | Guardrail beside bridge                | Operator was maneuvering the post driver into position and ran over his own foot, with the safety bar hitting his shin.                              | Euro Civil; Hewatt    | Swelling and bruising evident on shin and swelling, bruising and numbness in foot. Operator taken to casualty and was discharged. There were 3 days LTI. | Operator taken to casualty and Hewatt completed incident report for recording.   | Closed |
| 12    | WHS Incident | 24/03/2014 | On-site                                | Hewatt workers sitting on tray of ute as it was in motion - dropping sandbags off the back prior to the rain event.                                  | 4 x Hewatt Site Staff | No injuries.   | Workers were addressed and recognised they were operating outside Hewatt's Vehicle Operation Policy.   | Closed |
| 13    | WHS Incident | 1/04/2014  | On-site                                | A police car had driven through the site without signing in or notice to any site staff.   | ACT Police            | No injuries.   | stopped and advised the police car that if they wish to drive through the site, they need to have an induction and sign in.  | Closed |
| 14    | WHS Incident | 2/04/2014  | On site                                | An ACT Government vehicle was attempting to drive through the site to have a look at Taylor and Moncrieff. The car did not stop at the site offices. | ACT Government Car    | No injuries.   | er stopped the car and asked the car to leave site - there was no access to through the site as the spray seal was being placed. They were also informed that they needed to sign in and be inducted to go through site unaccompanied. | Closed |

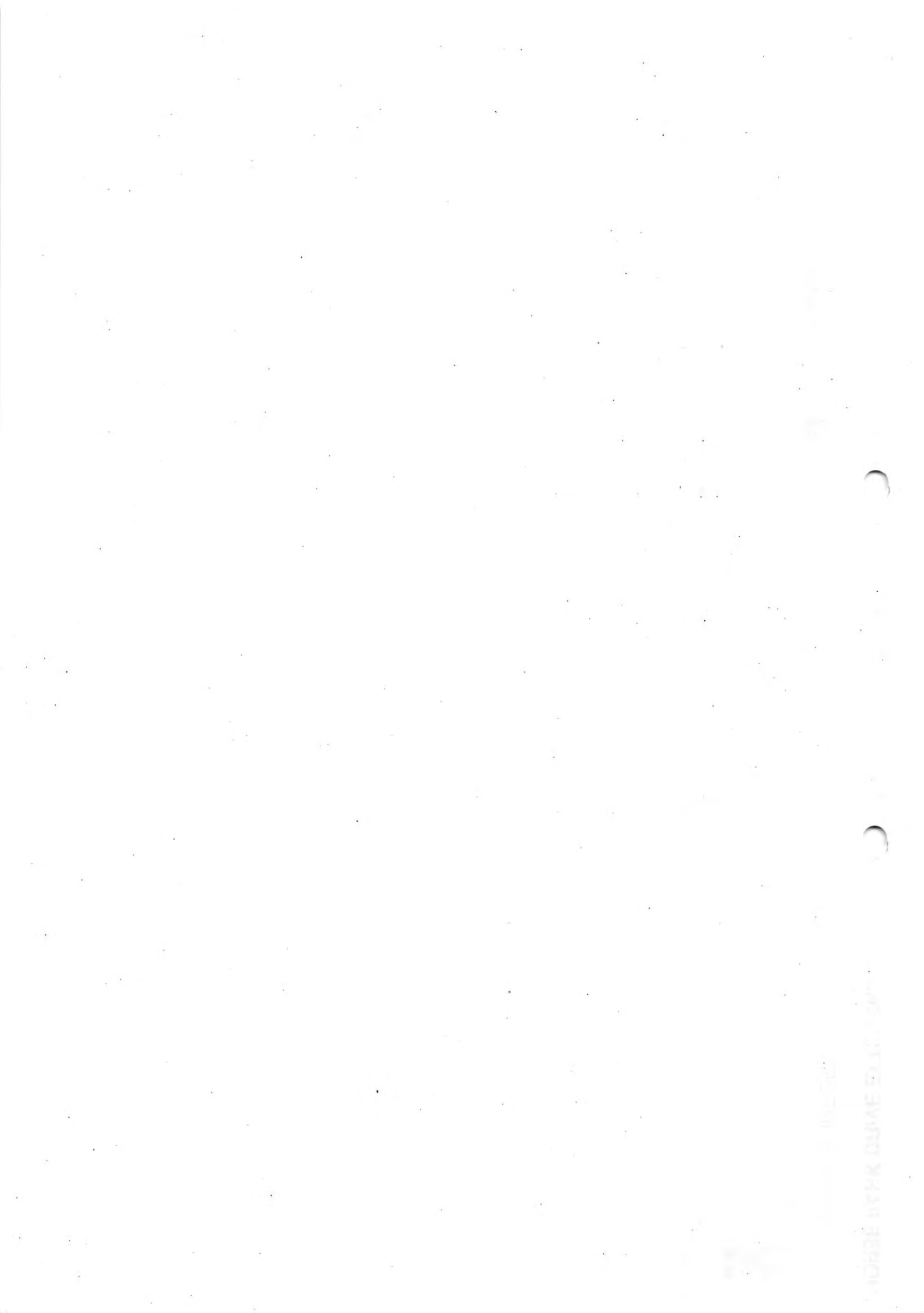
REQUEST FOR INFORMATION (RFI) - OPEN OR THIS MONTH



Status Legend:

- Not Urgent
- Moderate Priority (1-2 weeks)
- Urgent (1-2 days)

| RFI Number | Description   | Date Raised | Issued to Designer? | Date issued to Brown | Response From Brown | Discipline:                               | Classification              | Comment | Response Issued to Contractor | Status |
|------------|---|-------------|---------------------|----------------------|---------------------|---|-----------------------------|---------|-------------------------------|--------|
| 116A       | Clarification of sign post locations                                    | 4/03/2014   | No                  |                      |                     | Road Furniture                            | Design Clarification        |         | 4/03/2014                     | Closed |
| 117A       | Clarification of crossfalls provided as part of response to RFI109A     | 6/03/2014   | Yes                 | 6/03/2014            | 13/03/2014          | Concrete Kerbs, Footpaths and Minor Works | Design Clarification        |         | 14/03/2014                    | Closed |
| 119A       | Clarification of backfill requirements for tree planting                | 14/03/2014  | Yes                 | 14/03/2014           | 14/03/2014          | Landscaping                               | Specification Clarification |         | 14/03/2014                    | Closed |
| 120A       | Clarification of asphalt joints (Bridge site & tie-in to Burumarra Ave) | 28/03/2014  |                     |                      |                     | Pavement                                  | Design Clarification        |         | 3/04/2014                     | Closed |
| Total = 4  |   |             |                     |                      |                     |   |                             |         |                               |        |



# HORSE PARK DRIVE EXTENSION – BURRUMARRA AVE TO MIRRABEI DR Contract

No: 2013.20148.110

## EOT Register



|  |                  |          |          |          |
|--|------------------|----------|----------|----------|
| Date of Issue of Letter of Acceptance                          | 26-February-2013 |          |          |          |
| Separable Portion No.  | SP1              | SP2      | SP3      | SP4      |
| Original Duration (Construction Period + Consolidation Period) | 40               | 66       | 62       | 88       |
| Original Date for Practical Completion                         | 3-Dec-13         | 3-Jun-14 | 6-May-14 | 4-Nov-14 |

### Revised Date for Practical Completion

| EOT Number | Date Raised | Contract Issue Number (if applicable) | Description  | Raised By | EOT Claimed (No of Days) | EOT Granted (No of Days) | SP1        | SP2        | SP3        | SP4        | Date Hewatt Advised | Status |
|------------|-------------|---------------------------------------|--|-----------|--------------------------|--------------------------|------------|------------|------------|------------|---------------------|--------|
| 01         | 17/04/2013  | N/A                                   | Delays to works as a result of For Construction documentation not being provided in a timely manner. |           | 14                       | 0                        | 3/12/2013  | 3/06/2014  | 6/05/2014  | 4/11/2014  | 17/06/2013          | Closed |
| 02         | 17/04/2013  | N/A                                   | Delays to works as a result of late receipt of Letter of Acceptance                                  |           | 2                        | 0                        | 3/12/2013  | 3/06/2014  | 6/05/2014  | 4/11/2014  | 17/06/2013          | Closed |
| 03         | 21/06/2013  |                                       | Delays associated with Conservation Management Plan Issues   |           | 12                       | 12                       | 19/12/2013 | 19/06/2014 | 22/05/2014 | 20/11/2014 | 21/06/2013          | Closed |
| 04         | 21/06/2013  |                                       | Wet Weather 12-14 June 2013  |           | 1                        | 1                        | 20/12/2013 | 20/06/2014 | 23/05/2014 | 21/11/2014 | 21/06/2013          | Closed |
| 05         | 27/07/2013  |                                       | Wet Weather 24 - 25 June 2013  |           | 2                        | 2                        | 7/01/2014  | 24/06/2014 | 27/05/2014 | 25/11/2014 | 27/06/2013          | Closed |
| 06         | 31/07/2013  |                                       | Wet Weather 16-19 July 2013  |           | 4                        | 4                        | 13/01/2014 | 14/07/2014 | 2/06/2014  | 1/12/2014  | 31/07/2013          | Closed |
| 07         | 22/08/2013  |                                       | Wet Weather 6th & 8th August 2013  |           | 2                        | 2                        | 15/01/2014 | 16/07/2014 | 4/06/2014  | 3/12/2014  | 27/08/2013          | Closed |
| 08         | 4/09/2013   |                                       | Wet Weather, Fri 30 August 2013  |           | 1                        | 1                        | 16/01/2014 | 17/07/2014 | 5/06/2014  | 4/12/2014  | 16/09/2013          | Closed |
| 09         | 25/09/2013  |                                       | Wet Weather - 16-20 September 2013   |           | 5                        | 5                        | 23/01/2014 | 24/07/2014 | 12/06/2014 | 11/12/2014 | 26/09/2013          | Closed |
| 10         | 27/11/2013  |                                       | Wet Weather - 12-18 November 2013  |           | 5                        | 5                        | 3/02/2014  | 5/08/2014  | 19/06/2014 | 18/12/2014 | 27/11/2013          | Closed |
| N/A        |             |                                       | Amendment to HPD2 SP1&3 Dates for Practical Completion to coincide with completion of HPD1           |           |                          |                          | 28/03/2014 | 26/09/2014 | 28/03/2014 | 26/09/2014 | 17/12/2013          |        |

| EOT Number    | Date Raised | Contract Issue Number (if applicable) | Description   | Raised By | EOT Claimed (No of Days) | EOT Granted (No of Days) | Revised Date for Practical Completion |            |            |            | Date Hewatt Advised | Status    |
|---------------|-------------|---------------------------------------|---|-----------|--------------------------|--------------------------|---------------------------------------|------------|------------|------------|---------------------|-----------|
|               |             |                                       |   |           |                          |                          | SP1                                   | SP2        | SP3        | SP4        |                     |           |
| 11            | 22/01/2014  |                                       | Inclement Weather (High Temperatures) 15-17 Jan 2014      |           | 1.5                      | 1.5                      | 31/03/2014                            | 29/09/2014 | 31/03/2014 | 29/09/2014 | 23/01/2014          | Closed    |
| 12            | 6/02/2014   |                                       | Inclement Weather (High Temperatures) 29 Jan - 3 Feb 2014 |           | 2                        | 2                        | 2/04/2014                             | 7/10/2014  | 2/04/2014  | 7/10/2014  | 6/02/2014           | Closed    |
| 13            | 24/02/2014  |                                       | Wet Weather 19-20 February 2014                           |           | 0.5                      | 0.5                      | 3/04/2014                             | 7/10/2014  | 3/04/2014  | 7/10/2014  | 26/02/2014          | Closed    |
| 14            | 6/03/2014   |                                       | Wet Weather 5 March 2014                                  |           | 0.5                      | 0.5                      | 3/04/2014                             | 7/10/2014  | 3/04/2014  | 7/10/2014  | 7/03/2014           | Closed    |
| 15            | 31/03/2014  |                                       | Delays due to redesign of pathways beneath bridge         |           | 5                        |                          |                                       |            |            |            |                     | Submitted |
| 16            | 31/03/2014  |                                       | Delays due to Wet Weather 24-31 March 2014                |           | 6                        |                          |                                       |            |            |            |                     | Submitted |
| <b>TOTALS</b> |             |                                       |   |           | <b>63.5</b>              | <b>36.5</b>              |                                       |            |            |            |                     |           |



## PUBLIC LIAISON REGISTER - ALL



| Liaison No. | Date Raised | Liaison Initiator  | Person Contacted   | Location           | Description  | Date Actioned | Action Taken   | Status | Comment         |
|-------------|-------------|--------------------|--------------------|--------------------|--|---------------|--|--------|-----------------|
| 1           | 29/04/2013  | (SMcC)             | (DN1)              | Site - General     | Numerous discussions have been held with regarding the re-alignment of the Bicentennial National Trail throughout construction.  | 9/05/2013     | Following meeting with on-site and agreeing on a re-alignment, signage previously within HPD2 alignment was relocated along the new alignment                              | Closed |                 |
| 2           | 2/05/2013   |                    |                    | CH0-450            | Project Interface Meeting held at SMEC Offices to discuss potential interface issues between the Lease Casey Development and HPD2  | 2/05/2013     | Minutes of the meeting were taken and actions assigned to each party. This action will be ongoing for the most part of SP1.  | Closed |                 |
| 3           | 29/05/2013  |                    |                    |                    | Hewatt contacted regarding access within his property to complete the designed works.  |               | Ongoing meetings are being held with   | Closed | Refer to ISS007 |
| 4           | 13/06/2013  |                    |                    | Telephone          | Organised a meeting on 14/06/2013 to discuss fencing works associated with the Project on his property. also advised he wished to move his sheep/cattle from                 | 14/06/2013    | Meeting scheduled for 14/06/2013   | Closed |                 |
| 5           | 14/06/2013  | Site (Hewatt-SMEC) |                    | Site - next to     | Meeting held with The farmer has asked to drive his stock across the site at the end of July. Fencing location was agreed as well as the installation of an additional gate. | 26/06/2013    | Gate installed and rules put in place to allow to relocate his cattle and sheep.   | Closed |                 |
| 6           | 12/05/2013  |                    | John Husband       | Email              | I contacted the ACT Government to enquire about the timing of the Horse Park Drive Projects  | 18/06/2013    | John Husband replied to , advising the estimated completion dates for the two projects.  | Closed |                 |
| 7           | 12/07/2013  |                    | John Husband       | On Site at         | and John met with to discuss works designed within and various approvals that may be required to conduct these works (including land withdrawal).                            | 16/07/2013    | Hewatt to set up pegs along intended boundary alignment; survey to be undertaken and ACTPLA to be contacted to initiate discussions. Another meeting to be held with soon. | Closed |                 |
| 8           | 12/07/2013  |                    |                    | Email              | I was asking about the timing for the completion of the HPD works.   | 16/07/2013    | advised of the likely completion dates.  | Closed |                 |
| 9           | 16/07/2013  |                    | Rise)              | On site -          | and I met with to show him the marked out pegs and to discuss locations of gates, etc.   | 5/08/2013     | Ongoing actions: 1. Get survey plan to show ACTPLA; 2. Initiate withdrawal; 3. Attempt to set up   | Closed |                 |
| 10          | 12/07/2013  | Member of Public   | Hewatt Contractors | Hewatt Site Office | A member of the public called into the site office to ask about the expected completion date of the Project.   | 12/07/2013    | Hewatt advised the person it would likely be completed by mid-2014   | Closed |                 |

Friday, 4 April 2014

Page 1 of 3

| Liaison No. | Date Raised | Liaison Initiator      | Person Contacted             | Location      | Description   | Date Actioned | Action Taken  | Status | Comment |
|-------------|-------------|------------------------|------------------------------|---------------|---|---------------|---|--------|---------|
| 11          | 5/08/2013   |                        | John Husband                 |               | Meeting with to discuss potential to access property prior to land withdrawal. did not agree as he is in the process of selling the property  | 5/08/2013     | Hewatt were informed of the situation and alternative arrangements are to be made.  | Closed |         |
| 12          | 7/08/2013   |                        | Patrick Hancock/John Husband | Email         | I was wondering the staging of the two remaining HPD Projects and possible implications to traffic through Nggunawal.   | 7/08/2013     | Patrick informed the Jacka/Amaroo end will be completed 1st and then Stage 2 (Casey end).   | Closed |         |
| 13          | 12/08/2013  |                        | T. Gordon (ACT Government)   | Meeting Venue | T. Gordon attended the meeting within the week commencing 12/8/13 to update the meeting on HPD1/HPD2 progress.  |               | N/A   | Closed |         |
| 14          | 8/08/2013   | Member of the Public   | Chief Minister Talk Back     | N/A           | A member of the Public asked a question during the Chief Minister Talk Back time about the timing of the HPD1 and HPD2 Project completion dates.  | 9/08/2013     | A response was due to be issued on Fri 9/8/13.  | Closed |         |
| 15          | 16/08/2013  |                        |                              | Phone         | contacted regarding works required within (which he has a 'grazing licence' on). was nappy for works to go ahead as long as he was notified and fences remained stockproof.   | 28/10/2013    | Informed Refer to Liaison No. 20  | Closed |         |
| 16          | 19/09/2013  |                        |                              | Phone         | contacted regarding the sale of his land. He advised that settlement is still due on the 30th Sep 2013 and that should call after this date and details of the new owner can be exchanged.                                      | 4/10/2013     | contacted on the 4th Oct 2013. gave the contact details of the new owner and informed that the sale was likely to settle on the 4th Oct 2013.   | Closed |         |
| 17          | 1/10/2013   |                        | (Twitter) ACT Govt           | Twitter       | was enquiring about completion dates for HPD1 and 2.  | 2/10/2013     | John Husband responded to the appropriate people within ACT Govt, to then give an answer  | Closed |         |
| 18          | 4/10/2013   |                        |                              | Phone         | contacted (new leaseholder of ) to initiate agreements about accessing his property for the construction of Swale 15 prior to the official land withdrawal. was understanding and signed an agreement that was emailed to him a | 10/10/2013    | will keep informed of any Project related activities that will likely affect his property.  | Closed |         |
| 19          | 14/10/2013  |                        |                              | Phone         | contacted (who has his cattle on agistment in ) to inform him that fencing works for the land withdrawal area were commencing.  | 14/10/2013    | Hewatt completed fencing works surrounding area. and have isolated the construction area.   | Closed |         |
| 20          | 28/10/2013  |                        |                              | Phone         | contacted to inform him of works within (on which he holds a grazing licence).  | 28/10/2013    | Hewatt are completing works within the property. relocated livestock to another paddock whilst works are being completed  | Open   |         |
| 21          | 13/11/2013  | Sharon Harmer (ACTPLA) |                              | Letter        | The formal notice for the withdrawal of land from was sent to and . The date of withdrawal will be 4 February 2014.   | 13/11/2013    | N/A   | Closed |         |
| 22          | 16/12/2013  |                        |                              | Phone         | called up about a few problems with the fencing along the eastern side of HPD where he has a grazing licence on LDA land. There were 3 locations that needed fixing.  | 18/12/2013    | Hewatt repaired the fences such that they were stockproof for the Christmas shutdown period. returned phone call to inform him that the fences had been fixed (a more permanent fix will be completed in 2014). | Closed |         |

Friday, 4 April 2014

Page 2 of 3

| Liaison No. | Date Raised | Liaison Initiator | Person Contacted | Location        | Description  | Date Actioned | Action Taken   | Status | Comment |
|-------------|-------------|-------------------|------------------|-----------------|--|---------------|--|--------|---------|
| 23          | 16/01/2014  | Hewatt            |                  | Phone           | Hewatt informed [redacted] that trenching works within Springbank Rise would commence on Monday 20 Jan 2014. [redacted] did not have any issues with this.   | 31/01/2014    | None required. [redacted] will be informed when works are complete.  | Closed |         |
| 24          | 30/01/2014  |                   |                  | Email           | [redacted] was asking about the likely completion date for Hewatt's trenching works within Springbank Rise   | 31/01/2014    | [redacted] responded to [redacted], informing them that the trenching work would be completed within Springbank Rise by mid-week commencing 3/2/14 | Closed |         |
| 25          | 13/02/2014  |                   |                  | Email           | [redacted] contacted [redacted] to inform him that the Burrumarra Ave asphalt wearing course works would not be undertaken by the HPD2 Project. Therefore there wouldn't be TTMPs disturbing the entrance of Springbank Rise |               | N/A  | Closed |         |
| 26          | 17/02/2014  |                   |                  | Email           | [redacted] was wondering when the stockpiles were going to be bitumen straw mulched as he was organising a TaMS inspection and the stockpiles would form part of this.   | 18/02/2014    | [redacted] has been in contact with [redacted] to coordinate these works. These works are exclusive of HPD2.                                       | Open   |         |
| 27          | 20/02/2014  | Cyclist           |                  | Burrumarra Ave  | A cyclist was looking for the Bicentennial National Trail and his GPS was directing him into the site. [redacted] directed him through Ngunnawal to get to Mirrabell Dr.   | 20/02/2014    | [redacted] & [redacted] directed him through Ngunnawal to get to Mirrabell Dr.   | Closed |         |
| 28          | 12/03/2014  | Member of Public  | Canberra Connect | Telephone       | Resident was wanting to know the completion date for the Horse Park Dr Extension.  | 17/03/2014    | John Husband advised the caller HPDE will be completed in April 2014.  | Closed |         |
| 29          | 24/03/2014  |                   |                  | Springbank Rise | Hewatt and SMEC met with [redacted] to discuss handover issues associated with HPD2 and SBR Interface.   | 24/03/2014    | N/A  | Closed |         |

**HORSE PARK DRIVE EXTENSION – BURRUMARRA AVE TO MIRRABEI DR**  
**Contract No: 2013.20148.110**



**VARIATIONS - REGISTER**

| Variation Number | Contract Issue Number | Description   | Price Submitted (excl GST) | Price Agreed (excl GST) | Amount Certified to Date (excl GST) | Classification                  | Support Information | Status |
|------------------|-----------------------|---|----------------------------|-------------------------|-------------------------------------|---------------------------------|---------------------|--------|
|                  |                       | Quantity Overruns/Underruns   |                            |                         |                                     |                                 |                     | Agreed |
| 01               | 003                   | Conservation Management Plan  |                            |                         |                                     | Design/ Document deficiency     |                     | Closed |
| 02               | 003                   | Delays associated with Conservation Management Plan                   |                            |                         |                                     | Latent/ Site Condition          |                     | Closed |
| 03               |                       | Not used  |                            |                         |                                     | Not used                        |                     |        |
| 04               | 003                   | Site Visit by Heritage Consultant to advise on CMP                    |                            |                         |                                     | Design/ Document deficiency     |                     | Closed |
| 05               | 002                   | Regrading of mounds between HPD2 & Springbank Rise                    |                            |                         |                                     | Latent/ Site Condition          |                     | Closed |
| 06               | N/A                   | Changes to the Watermain from Tender                                  |                            |                         |                                     | Scope Change                    |                     | Closed |
| 07               | N/A                   | Supply and Installation of Combined Usage Pole                        |                            |                         |                                     | Contractor Proposed Alternative |                     | Agreed |
| 08               | N/A                   | Select CBR Changes from Design to Construction                        |                            |                         |                                     | Design/ Document deficiency     |                     | Closed |
| 09               | 008                   | Pricing of Missing Pay Items from the Bill of Quantities              |                            |                         |                                     | Design/ Document deficiency     |                     | Agreed |
| 10               | N/A                   | Supply of 375mm uPVC Sewer Pipe not used                              |                            |                         |                                     | Design Improvement              |                     | Closed |
| 11               | N/A                   | Anti-graffiti coating on bridge surfaces                              |                            |                         |                                     | Superintendent Request          |                     | Agreed |
| 12               | 007                   | Survey Works for Fence Realignment at Swale 15                        |                            |                         |                                     | Design/ Document deficiency     |                     | Closed |
| 13               | N/A                   | Additional Works for the Floodway                                     |                            |                         |                                     | Scope Change                    |                     | Closed |
| 16               |                       | Not used  |                            |                         |                                     |                                 |                     |        |
| 17               | 002                   | Additional Works associated with Casey Headwall (excl stone pitching) |                            |                         |                                     | Latent/ Site Condition          |                     | Agreed |
| 18               | 017                   | Additional works with Gas Main from Ch60 - Ch20                       |                            |                         |                                     | Latent/ Site Condition          |                     | Closed |
| 19               |                       | Widening of mowing strip along PD1 fence alignment                    |                            |                         |                                     |                                 |                     | Agreed |

| Variation Number | Contract Issue Number | Description   | Price Submitted (excl GST) | Price Agreed (excl GST) | Amount Certified to Date (excl GST) | Classification                  | Support Information | Status                            |
|------------------|-----------------------|---|----------------------------|-------------------------|-------------------------------------|---------------------------------|---------------------|-----------------------------------|
| 21               | 017                   | Additional works with Telstra from Ch20 - Ch60  |                            |                         |                                     | Latent/ Site Condition          |                     | Closed                            |
| 22               | N/A                   | Additional Length of PD1 Fencing with In-situ Footings  |                            |                         |                                     | Limit of Accuracy               |                     | Closed                            |
| 23               | N/A                   | Additional works to provide drainage to subsoils and carriageway at the end of Mirrabai Dr                                  |                            |                         |                                     | Design/ Document deficiency     |                     | Closed                            |
| 24               |                       | Not used  |                            |                         |                                     |                                 |                     |                                   |
| 25               | 011                   | Additional Shared Trench Road Crossings at CH970 and CH1500   |                            |                         |                                     | Design Improvement              |                     | Closed                            |
| 26               | N/A                   | Deduction for the use of Jute Mesh as opposed to Jute Mat   |                            |                         |                                     | Contractor Proposed Alternative |                     | Agreed                            |
| 27               | N/A                   | Civil works associated with providing Gas main stub to Ngunnawal as required by ZNX/Jemena                                  |                            |                         |                                     | Design/ Document deficiency     |                     | Closed                            |
| 29               | 013                   | HPD1 & HPD2 Quantity Adjustments for Changes in Scope of Works  |                            |                         |                                     | Scope Change                    |                     | Pending                           |
| 30               | N/A                   | Additional Shared Trench at East side of Mirrabai Dr  |                            |                         |                                     | Superintendent Request          |                     | Closed                            |
| 31               | N/A                   | Additional civil & electrical works for electrical supply to streetlight and traffic light controllers (excl ActewAGL work) |                            |                         |                                     | Operational                     |                     | Awaiting further info from Hewatt |
| 34               |                       | Deduction for use of SL82 instead of SL81 in islands  |                            |                         |                                     | Design Improvement              |                     | Agreed                            |
| 36               | 020                   | Raising Telstra Pit to Design Level at CH40   |                            |                         |                                     | Latent/ Site Condition          | Yes                 | To be claimed under 815P2         |
| 38               | 018                   | Change to SMA10 at 30mm and use of RMS R121   |                            |                         |                                     | Design Improvement              |                     | Pending                           |
| <b>TOTALS</b>    |                       |   |                            |                         |                                     |                                 |                     |                                   |

**HOLD POINT REGISTER - OPEN**

| Release No | Specification No | Specification Name   | Clause No         | Clause Description  | Lot No                             | Date of Submission | Status | Comments   |
|------------|------------------|----------------------|-------------------|---|------------------------------------|--------------------|--------|--|
| 0290       | Section 4        | Flexible Pavement    | 4.2A (TEC 4.03.4) | Submission of conformance tests/survey prior to placement over subbase  | RB04 (CH990-1220)                  | 12/03/2014         | Open   | Sent Hewatt email 27/03/14 requesting additional information   |
| 0301       | Section 4        | Flexible Pavement    | 4.2A (TEC 4.03.4) | Submission of conformance tests/survey prior to placement over subbase  | RB09 (CH220-440)                   | 17/03/2014         | Open   | Sent Hewatt email 27/03/14 requesting additional information   |
| 0302       | Section 4        | Flexible Pavement    | 4.2A (TEC 4.03.4) | Submission of conformance tests/survey prior to placement over subbase  | RB10 (CH60-220)                    | 18/03/2014         | Open   | Sent Hewatt email 27/03/14 requesting additional information   |
| 0305       | Section 4        | Flexible Pavement    | 4.5 (4.04.8)      | Design of sprayed bituminous surfacing to be used in the works  | Prime and Seal Design              | 18/03/2014         | Open   | Sent Hewatt email 21/03/14 requesting additional information   |
| 0306       | Section 4        | Flexible Pavement    | 4.5 (4.04.8)      | Design of sprayed bituminous surfacing to be used in the works  | SAMI Seal Design                   | 18/03/2014         | Open   | Sent Hewatt email 27/03/14 requesting additional information   |
| 0310       | Section 4        | Flexible Pavement    | 4.6 (4.04.11.i)   | Sprayed bituminous surfacing work for each work area and Degree of Saturation test  | CH880-1870 (Prime)                 | 20/03/2014         | Open   |  |
| 0311       | Section 4        | Flexible Pavement    | 4.4 (4.04.3.i)    | Delivery of materials for sprayed bituminous surfacing - primer, primer sealing or sealing  | Material Conformance (14,7mm seal) | 20/03/2014         | Open   | Sent Hewatt email 27/03/14 requesting additional information   |
| 0315       | Section 4        | Flexible Pavement    | 4.6 (4.04.11.i)   | Sprayed bituminous surfacing work for each work area and Degree of Saturation test  | MC00 CH60-440 & Ch460-870          | 24/03/2014         | Open   |  |
| 0316       | Section 10       | Road Signs           | 10.1 (10.05.6)    | Manufacturer of signs to provide details of sign fabrication, support sections, mounting details painting, primer and paint details | Road Sign Materials                | 24/03/2014         | Open   | Letter from Independent Steel Company refers to a different project  |
| 0322       | R121 RMS         | Stone Mastic Asphalt | R121 RMS (2.3)    | Nominated Mix Submission  | SMA Mix Design                     | 26/03/2014         | Open   | Additional info received 28/03/14. Awaiting Fibre Additive type and manufacturer's recommendations. (01/04/14) |

Total = 10

**PROJECT PHOTOS:**



*Image 01: 7mm aggregate being placed at Road 04 Intersection for two-coat seal*



*Image 02: Binder being sprayed around islands at Road 04 Intersection*

# HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



WEEKLY REPORT FOR WEEK ENDING: 29 March 2014

1. **WHS**
  - a. Site inductions continuing.
2. **Traffic Management**
  - a. No changes – site vehicles continuing to use main carriageway for access throughout Project (shoulders being utilised during priming and sealing works).
3. **Design**
  - a. *Clarification of Asphalt Joints (RFI120A)* – Hewatt have raised an RFI seeking clarification of joints in asphaltting above bridge expansion joints and at the tie-in to existing pavement at Burrumarra Ave.
4. **Construction**

Inclement weather for the week forced the cancellation of any construction activities. A total of 60mm was recorded and the installation of traffic light lanterns only new work commenced, apart from the maintenance of erosion and sediment controls.
5. **Meetings**
  - a. Two representatives from the ACT EPA inspected the site on 25/3/14. They were satisfied with the erosion and sediment controls in place and there were no adverse comments or findings.
6. **Issues**
  - a. *Raising of Telstra Pit at CH40* – Telstra met with Hewatt on-site throughout the week to work through the issue. Telstra are working to find an ACT IRE certified contractor;
  - b. *Excess material potentially requiring disposal* – it appears there may be a small amount of material that will not be able to be disposed on-site (<1000m<sup>3</sup>). This is to be confirmed as finished surface levels are finalised;
  - c. *Interface with Springbank Rise (ISS002)* – Hewatt & SMEC met with Lend Lease to talk about a range of issues, including completion;
  - d. *Stone-pitching finishes (ISS022)* – SMEC have asked Hewatt for survey information showing conformance to ACT Specifications.
  - e. *Traffic lighting at Mirrabai Dr* – SMEC are in correspondence with Roads ACT regarding the completion and handover of the traffic lighting at Mirrabai Dr.
7. **Payments**
  - a. Brown forwarded results of model analysis of earthworks quantities for SMEC to use in quantity agreement;
  - b. SMEC and Hewatt will work together to have Hewatt's Tax Invoice for Payment Claim No. 12 – March 2014 submitted by Friday 11 April 2014.
8. **Activities Planned for the Upcoming Fortnight**
  - a. Place prime on the remaining section completed base CH50 to CH880;
  - b. Commence placement of 14/7mm two coat seal;
  - c. Complete footing for retaining wall between shared and equestrian paths under the bridge and continue construction of the wall;
  - d. Landscape activities to continue across the site;

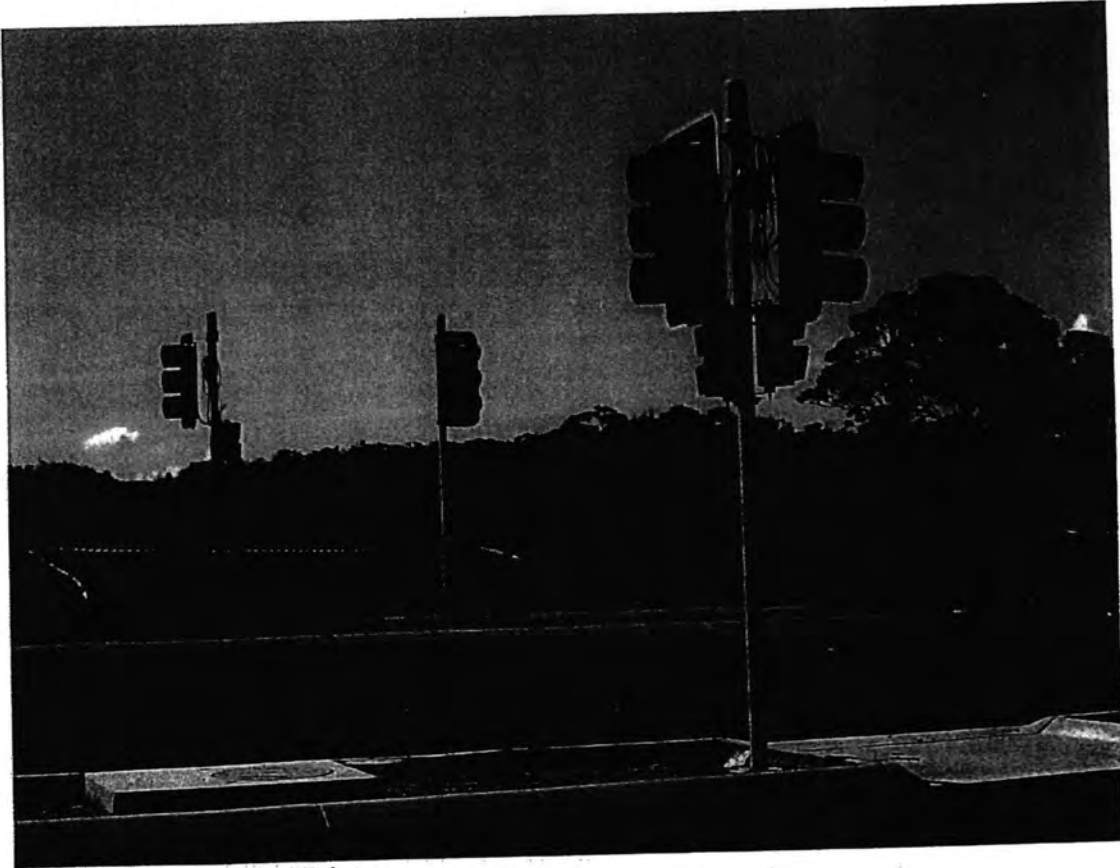
Add  
f. - Quarry  
use of  
S Spec  
or SMA.

- e. Connection of power supply from ActewAGL's mini-pillars to the streetlights and traffic lights;
- f. Continue trimming of DGB to design levels for the base of the shared path;
- g. Construct flushing points for sub soil high end and intermediate risers;
- h. Complete mowing strips for decomposed granite area under the guard rails at the bridge approaches;
- i. Continue with concrete infill of traffic islands.

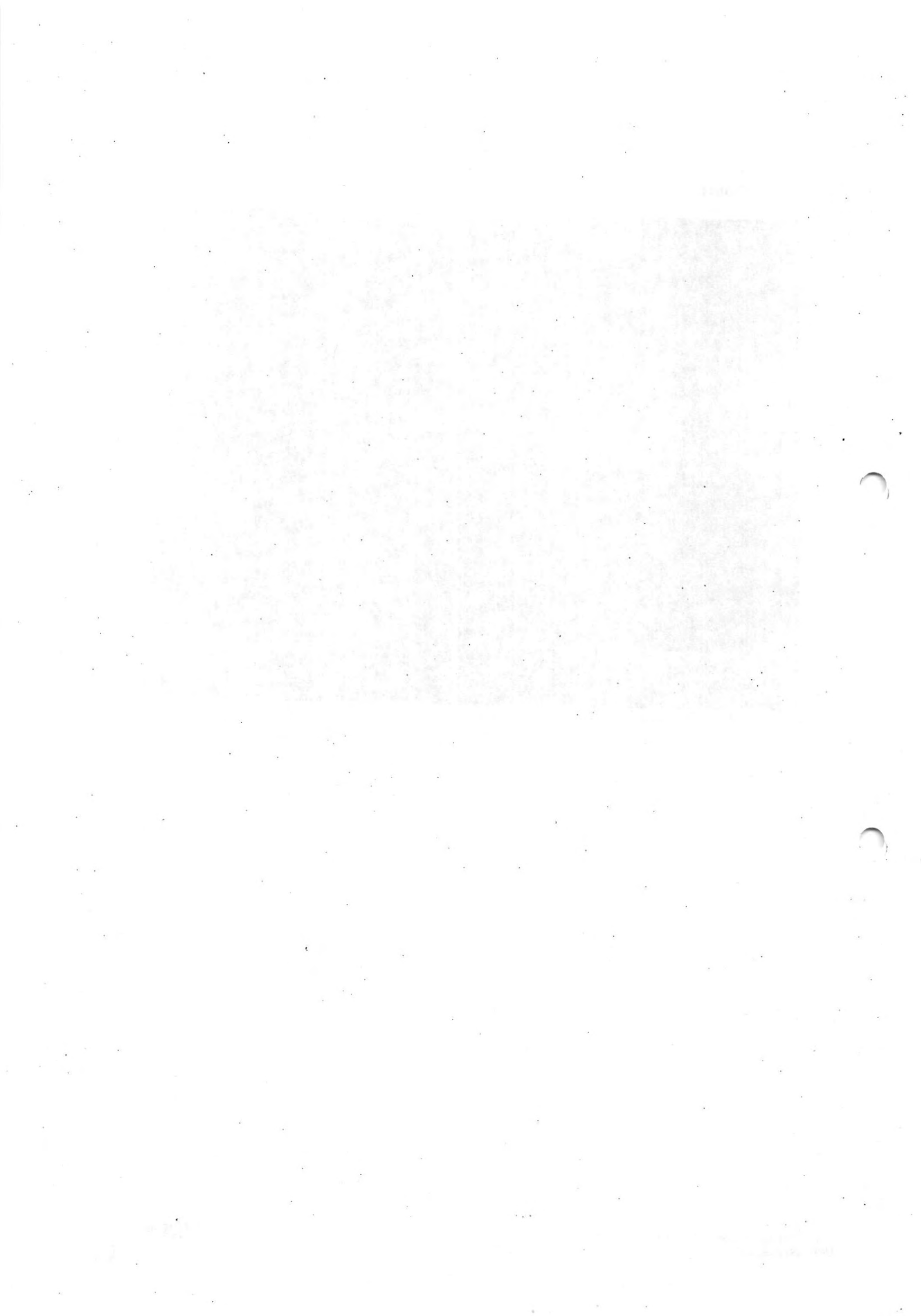
Superintendent's Representative  
Horse Park Drive Extension, Burrumarra Ave – Mirrabai Dr  
SMEC Australia Pty Ltd  
E: [@smec.com](mailto:hpde@smec.com) Ph:



Photos



Traffic lights at Mirrabai Drive



**Husband, John**

---

**From:** Lacey, Glenn  
**Sent:** Monday, 24 March 2014 7:34 AM  
**To:** Husband, John  
**Subject:** RE: HPD2 - SMA (Changes to Specifications)

TAMS Spec  
does not  
Reference RMS  
RIZI at all.  
Does refer to RMS  
material testing spec's

John  
I have a few queries – pls discuss when you get in.  
Many thanks

**Glenn Lacey | A/g Director**  
**Infrastructure and Capital Works | Economic Development Directorate | ACT Government**  
Level 6, TransACT House, 470 Northbourne Avenue Dickson ACT 2602  
T: 02 6207 5507 | F: 02 6207 0123 | [www.economicdevelopment.act.gov.au](http://www.economicdevelopment.act.gov.au)

---

**From:** Husband, John  
**Sent:** Friday, 21 March 2014 3:00 PM  
**To:** Lacey, Glenn  
**Subject:** FW: HPD2 - SMA (Changes to Specifications)

Glenn

Could you please have a look at my comments and the comments from SMEC.

My query relates to the DL period, 24 months or 12 months, incentive clause not to be used

Your comments. Recommendations would be appreciated

Thanks

**John Husband | Senior Project Manager**  
**Phone 02 6205 2920 | Fax 02 6207 6621 | Mobile**  
**Infrastructure and Capital Works | Economic Development Directorate | ACT Government**  
Level 6, TransACT House, 470 Northbourne Ave, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601 [www.edd.act.gov.au](http://www.edd.act.gov.au)

---

**From:** Husband, John  
**Sent:** Thursday, 20 March 2014 12:37 PM  
**To:** McGrath, Michael  
**Subject:** FW: HPD2 - SMA (Changes to Specifications)

Mike

My comments in blue on the use of SMA 10 on HPD2.

**John Husband | Senior Project Manager**  
**Phone 02 6205 2920 | Fax 02 6207 6621 | Mobile**  
**Infrastructure and Capital Works | Economic Development Directorate | ACT Government**  
Level 6, TransACT House, 470 Northbourne Ave, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601 [www.edd.act.gov.au](http://www.edd.act.gov.au)

---

**From:** [mailto:.....@smec.com]  
**Sent:** Wednesday, 19 March 2014 11:10 AM  
**To:** Husband, John  
**Cc:** Hancock, Patrick; Cargill, James; HPDE; Tim Heffernan (  
**Subject:** FW: HPD2 - SMA (Changes to Specifications)

[@brownconsulting.com.au](http://brownconsulting.com.au); HPDE

John,

has sent the below email seeking clarification on a number of points regarding the potential change to the R121 Specification for SMA. Please refer to my comments below.

Generally, & Downer are happy to use R121 (given the below queries are sorted out), with the most significant change in cost to be for the use of the shuttlebuggy.

Are you able to provide direction on how EDD wishes to respond to comments?

Given that asphaltting is due to commence on 31 March 2014, a response in the next day or so will be required (so we can pass onto Hewatt). On the other hand, would EDD prefer to persevere with the ACT Standard Specifications (to avoid any complications with the late change to specifications), with a direction that a shuttlebuggy is used for the SMA works?

Comments:

1. I have asked Antony to follow this up with HPD1's Superintendent; Scott has been advised that HPD1 is to have SMA10 at 40mm on the remaining section
2. See extract of Section 1.1 of R121 referred to below. There are a few issues here: JH The extract states that SMA is suitable for high speed but not in high stress locations. The intersections on HPD2 would not be considered high stress, particularly with new suburbs either side that have yet to be built. No issue
  - a. It is difficult to hold the Contractor to the second paragraph for high stress locations, eg. intersections (as R121 specifies SMA should not be used in these locations). Potentially, for these locations on HPD2 we could have a clause stating something like "if requirements in part (a) & (b) are not met within the stated period within high stress locations, an assessment will be made at the time and the Contractor may not necessarily be responsible for any required rectifications".
  - b. The section effectively extends the DLP for SMA to 24 months, as opposed to 12 months (currently stated in the Contract). If EDD wish to keep the DLP at 12 months for all works, this time period could be revised to 12 months in an amended specification. JH: DLP for 24 months would be the preferred option- additional cost not known, and what about JGD1D and 2A? - 12 months
3. I would suggest a PQP is not required, however a requirement that the documents listed in Annexure R121/D are completed (which effectively will be a PQP Plan) – I would think that Downer would have the necessary documentation from other projects. JH: Agreed that PQP should be sighted - Not used!
4. Echelon paving is rarely used – its benefit is that there are no longitudinal cold joints between lanes (and is really only used for very long stretches of asphaltting). Given our intersections and medians it would be difficult to implement and would require 2 paving machines which would involve considerable additional costs; JH No problem if echelon paving not used
5. comments are valid – the unit of measurement in R121 (IRI) are different to the units in ACT Section 4 of Std Specs (NAASRA Roughness Count). However, the conversion between the two units shows that the requirements for R121 and the ACT Specs are effectively the same (1.56m/km IRI = 40counts/km NAASRA). Similarly, the ranges in the deductions for both specs are effectively the same (Table R121/B.3 vs Table 4.47).

does point out that R121 includes an "incentives" clause (Table R121/B.4) for roughness counts below the requirement (see the 2<sup>nd</sup> extract below). ACT Specs do not include an incentives Clause. Would EDD like to apply this Clause to the Pay Items to be used for payment for SMA? Incentive clause is a good issue, will need to co-ordinate with JGD1D and 2A - Not used Roads ACT.

Please feel free to give me a call to discuss the above if required.

Regards,

## 1.1 OVERVIEW

This Specification sets out the requirements for stone mastic asphalt for use as a thin textured single layer wearing course. It is suitable for use on high speed traffic roads, but not in high stress locations such as intersection or roundabouts.

During the first 24 months after the Actual Completion Date:

- (a) the asphalt must not ravel, rut, shove, strip or bleed; and
- (b) the asphalt for the first 12 months must comply with the surface shape requirements specified in Table R121.8.

**Table R121/B.4 - Incentives for Ride Quality**

| Ride quality below specified limit by (m/km) | Incentive (in per cent of the value of the Lot) |
|--|---|
| < 0.44                                       | 0   |
| 0.44 – 0.61                                  | 1   |
| 0.62 – 0.80                                  | 2   |
| > 0.80                                       | 3   |

SMEC Australia  
M

---

**From:** [mailto: @hewatt.com.au]  
**Sent:** Wednesday, 19 March 2014 8:41 AM  
**To:**  
**Cc:** HPDE;  
**Subject:** HPD2 - SMA

few things I require clarification on regarding the SMA and the requirements of RMS R121.

- 1) Can you please clarify that the remainder of Horse Park Drive 1 project is to be 40mm SMA10
- 2) Paragraph 1.1 States "It is suitable for use on high speed traffic roads, but not in high stress locations such as intersections or roundabouts". We have two intersections in HPD2 and one in HPD1 to complete. Hewatt are of the opinion that the requirements of the second paragraph of item 1.1 be deemed void.
- 3) Paragraph 1.3.4 requires submission of a Project Quality Plan. Is this required ?
- 4) Paragraph 3.3 – Echelon paving has been left blank in Annexure A. Hewatt, r will not be echelon paving
- 5) Section 4.4 – The method for calculation of ride quality and appropriate amendments differs between R121 and ACT Section 4. Please clarify which method is to be used. Note also that R121 includes for incentives where ride quality is significantly better than the specified requirement.

I am awaiting further advice from regarding any changes to mix design, manufacture, placement or testing as a result of working to the alternate specification.

Please contact me if there are any queries.

Thanks



**Husband, John**

---

**From:** @hewatt.com.au]  
**Sent:** Monday, 24 March 2014 12:35 PM  
**To:** Husband, John; Hancock, Patrick;  
 :brownconsulting.com.au)  
**Cc:** Horse Park Drive File;  
 )brownconsulting.com.au)  
**Subject:** HPD2 Completion

All,

With the weather conditions today and the forecast for the remainder of the week, the program for completion of HPD2 will be significantly affected.

There is no chance that works will be completed by 17 April 2014.

At this point in time, I am working through the program, but keeping in mind the significant loss of working days between 17/4 and 28/4, it is unlikely works will be complete till the first week of May.

As part from pavement works, the following items have also had effects on works in and around the bridge site;

- Realignment of concrete paths under bridge
- Additional works to footpath approaches and departures on bridge as a result of design clarifications
- Rock in guardrail post foundations

Hewatt intend to submit EOT claims for the items nominated above.

Please feel free to raise any concerns you have about any of the above, or open any of the points for discussions.

:- the program for HPD1 may not be as badly affected if we can maintain SMA dates for next week.

Regards

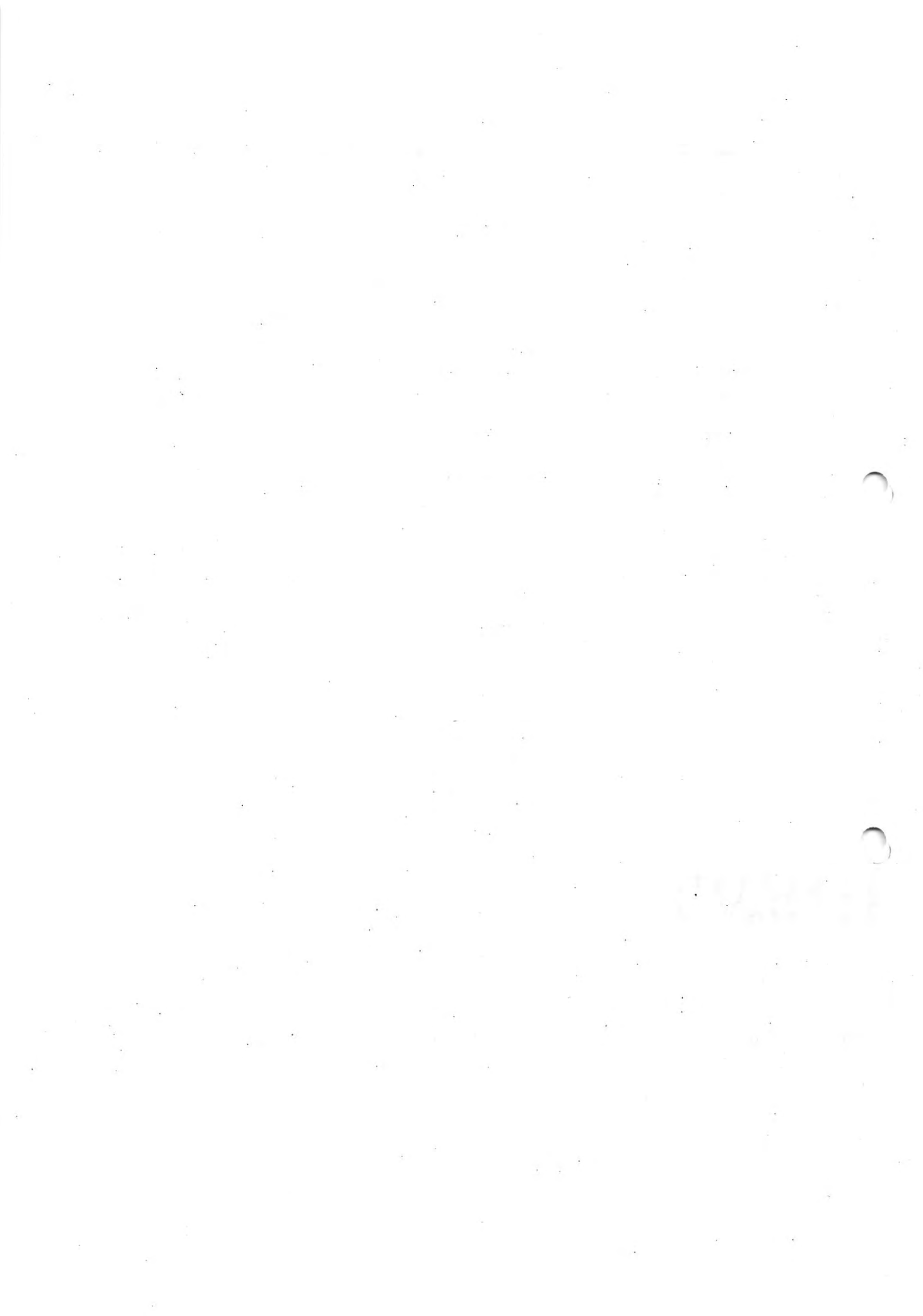
Engineering Manager



PO Box 94 HALL ACT 2618

T | F | M  
 @hewatt.com.au | [www.hewatt.com.au](http://www.hewatt.com.au)

**Communication Honesty Accountability Respect Teamwork**





# HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEL DRIVE



WEEKLY REPORT FOR WEEK ENDING: 22 March 2014

1. **WHS**
  - a. Site inductions continuing - 206 personnel to date;
  - b. WHS audit of the project conducted by \_\_\_\_\_ from Kaizen Management Services.
2. **Traffic Management**
  - a. No changes – site vehicles continuing to use main carriageway for access throughout Project (shoulders being utilised during priming and sealing works).
3. **Design**
  - a. *Confirmation of changes to pavement design (RF112A)* – Hewatt has raised a number of queries regarding the use of RMS Specification R121. SMEC have passed these onto EDD (with comments) for their response.
4. **Construction**
  - a. Placement of DGB base layer completed;
  - b. Spraying of prime completed from CH880 to CH1850 (interface with existing seal at HPD1);
  - c. Cabling of power supply to the street lights continuing;
  - d. Shared Path – placement of DGB material continuing;
  - e. Construction of equestrian/shared path retaining wall continuing;
  - f. Concrete footpath sections completed at the bridge;
  - g. Pedestrian handrail installation continuing at the bridge, footings completed and remaining panels to be installed;
  - h. Preparation of base and mowing strips for decomposed granite under the guard rail at the bridge approaches continuing;
  - i. Concrete infill in traffic islands continuing;
  - j. Pram ramps in traffic islands completed;
  - k. Concrete base and associated conduits for Traffic Control Unit installed;
  - l. Topsoiling and landscape activities continuing.
5. **Meetings**
  - a. Hewatt, SMEC, SSP, EDD and Roads ACT met on-site on Tuesday 18 March 2014 to inspect and discuss stone-pitching issues. Roads ACT considered the stone pitching to be unacceptable due to its inconsistent finish;
  - b. Fortnightly Site Meeting held on Friday 21<sup>st</sup> March 2014.
6. **Issues**
  - a. *Raising of Telstra Pit at CH40* – Hewatt will continue to correspond with Telstra to identify a suitable contractor to complete the works;
  - b. *Excess material potentially requiring disposal* – it appears there may be a small amount of material that will not be able to be disposed on-site (<1000m<sup>3</sup>). This is to be confirmed as finished surface levels are finalised;
  - c. *Interface with Springbank Rise (ISS002)* – Hewatt/SMEC will meet with Lend Lease on Monday 24 March 2014;
  - d. *Stone-pitching finishes (ISS022)* – Hewatt have responded to SMEC's request for conformance information relating to the stone pitching. Hewatt's interpretation of Clause 8.13.1 differs to the Principal's interpretation.

**7. Payments**

- a. Hewatt has submitted Tax Invoice No. 7514 for for  
Payment Claim No. 11 - February 2014;
- b. Brown are currently completing a review of Imported Fill and General Earthwork Quantities to be used in SMEC's assessment of final earthwork quantities;
- c. SMEC and Hewatt will work together to have Hewatt's Tax Invoice for Payment Claim No. 12 – March 2014 submitted by Friday 11 April 2014.

**8. Activities Planned for the Upcoming Fortnight**

*Forecast inclement weather for the commencing 24<sup>th</sup> March will cause construction delays. Remaining section of prime placement CH50 to CH880 planned for Monday 24 February had to be cancelled.*

- a. Place prime on the remaining section completed base CH50 to CH880;
- b. Commence placement of 14/7mm two coat seal;
- c. Complete footing for retaining wall between shared and equestrian paths under the bridge and continue construction of the wall;
- d. Landscape activities to continue across the site;
- e. Connection of power supply from ActewAGL's mini-pillars to the streetlights and traffic lights;
- f. Continue trimming of DGB to design levels for the base of the shared path;
- g. Construct flushing points for sub soil high end and intermediate risers;
- h. Complete mowing strips for decomposed granite area under the guard rails at the bridge approaches;
- i. Continue with concrete infill of traffic islands.

Superintendent's Representative  
Horse Park Drive Extension, Burrumarra Ave – Mirrabai Dr  
SMEC Australia Pty Ltd  
E: [@smec.com](mailto:HPDE@smec.com) Ph:

**Photos**



**Cabling and installing street light poles at Mirrabai Drive intersection**



**Constructing pram crossing at Road 4 intersection**



Application of prime at CH1700



Placement of base for shared path at CH250

**Husband, John**

---

**From:** Husband, John  
**Sent:** Friday, 21 March 2014 3:00 PM  
**To:** Lacey, Glenn  
**Subject:** FW: HPD2 - SMA (Changes to Specifications)  
**Attachments:** HPD2 - SMA

Glenn

Could you please have a look at my comments and the comments from SMEC.

My query relates to the DL period, 24 months or 12 months, incentive clause not to be used

Your comments. Recommendations would be appreciated

Thanks

**John Husband | Senior Project Manager**  
 Phone 02 6205 2920 | Fax 02 6207 6621 | Mobile  
**Infrastructure and Capital Works | Economic Development Directorate | ACT Government**  
 Level 6, TransACT House, 470 Northbourne Ave, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601 [www.edd.act.gov.au](http://www.edd.act.gov.au)

---

**From:** Husband, John  
**Sent:** Thursday, 20 March 2014 12:37 PM  
**To:** McGrath, Michael  
**Subject:** FW: HPD2 - SMA (Changes to Specifications)

Mike

My comments in blue on the use of SMA 10 on HPD2.

**John Husband | Senior Project Manager**  
 Phone 02 6205 2920 | Fax 02 6207 6621 | Mobile  
**Infrastructure and Capital Works | Economic Development Directorate | ACT Government**  
 Level 6, TransACT House, 470 Northbourne Ave, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601 [www.edd.act.gov.au](http://www.edd.act.gov.au)

---

**From:** [mailto: [redacted]@smec.com]  
**Sent:** Wednesday, 19 March 2014 11:10 AM  
**To:** Husband, John  
**Cc:** Hancock, Patrick; Cargill, James; HPDE; [redacted] ( [redacted]@brownconsulting.com.au); HPDE  
**Subject:** FW: HPD2 - SMA (Changes to Specifications)

John,

[redacted] has sent the below email seeking clarification on a number of points regarding the potential change to the R121 Specification for SMA. Please refer to my comments below.

Generally, [redacted] & [redacted] are happy to use R121 (given the below queries are sorted out), with the most significant change in cost to be for the use of the shuttlebuggy.

Are you able to provide direction on how EDD wishes to respond to [redacted] comments?

Given that asphaltting is due to commence on 31 March 2014, a response in the next day or so will be required (so we can pass onto Hewatt). On the other hand, would EDD prefer to persevere with the ACT Standard Specifications (to avoid any complications with the late change to specifications), with a direction that a shuttlebuggy is used for the SMA works?

Comments:

1. I have asked [redacted] to follow this up with HPD1's Superintendent; [redacted] has been advised that HPD1 is to have SMA10 at 40mm on the remaining section
2. See extract of Section 1.1 of R121 referred to by [redacted] below. There are a few issues here: JH The extract states that SMA is suitable for high speed but not in high stress locations. The intersections on HPD2 would not be considered high stress, particularly with new suburbs either side that have yet to be built. No issue
  - a. It is difficult to hold the Contractor to the second paragraph for high stress locations, eg. intersections (as R121 specifies SMA should not be used in these locations). Potentially, for these locations on HPD2 we could have a clause stating something like "if requirements in part (a) & (b) are not met within the stated period within **high stress locations**, an assessment will be made at the time and the Contractor may not necessarily be responsible for any required rectifications".
  - b. The section effectively extends the DLP for SMA to 24 months, as opposed to 12 months (currently stated in the Contract). If EDD wish to keep the DLP at 12 months for all works, this time period could be revised to 12 months in an amended specification. JH: DLP for 24 months would be the preferred option- additional cost not known, and what about JGD1D and 2A?
3. I would suggest a PQP is not required, however a requirement that the documents listed in Annexure R121/D are completed (which effectively will be a PQP Plan) – I would think that Downer would have the necessary documentation from other projects. JH: Agreed that PQP should be sighted
4. Echelon paving is rarely used – its benefit is that there are no longitudinal cold joints between lanes (and is really only used for very long stretches of asphaltting). Given our intersections and medians it would be difficult to implement and would require 2 paving machines which would involve considerable additional costs; JH No problem if echelon paving not used
5. [redacted] comments are valid – the unit of measurement in R121 (IRI) are different to the units in ACT Section 4 of Std Specs (NAASRA Roughness Count). However, the conversion between the two units shows that the requirements for R121 and the ACT Specs are effectively the same (1.56m/km IRI = 40counts/km NAASRA). Similarly, the ranges in the deductions for both specs are effectively the same (Table R121/B.3 vs Table 4.47).  
[redacted] does point out that R121 includes an "incentives" clause (Table R121/B.4) for roughness counts below the requirement (see the 2<sup>nd</sup> extract below). ACT Specs do not include an incentives Clause. Would EDD like to apply this Clause to the Pay Items to be used for payment for SMA? Incentive clause is a good issue, will need to co-ordinate with JGD1D and 2A

Please feel free to give me a call to discuss the above if required.

Regards,

## 1.1 OVERVIEW

This Specification sets out the requirements for stone mastic asphalt for use as a thin textured single layer wearing course. It is suitable for use on high speed traffic roads, but not in high stress locations such as intersection or roundabouts.

During the first 24 months after the Actual Completion Date:

- (a) the asphalt must not ravel, rut, shove, strip or bleed; and
- (b) the asphalt for the first 12 months must comply with the surface shape requirements specified in Table R121.8.

**Table R121/B.4 - Incentives for Ride Quality**

| <b>Ride quality below specified limit by (m/km)</b> | <b>Incentive (in per cent of the value of the Lot)</b> |
|---|--|
| < 0.44  | 0  |
| 0.44 – 0.61   | 1  |
| 0.62 – 0.80   | 2  |
| > 0.80  | 3  |

SMEC Australia  
M

---

**From:** [mailto: | @hewatt.com.au]  
**Sent:** Wednesday, 19 March 2014 8:41 AM  
**To:**  
**Cc:** HPDE;  
**Subject:** HPD2 - SMA

A few things I require clarification on regarding the SMA and the requirements of RMS R121.

- 1) Can you please clarify that the remainder of Horse Park Drive 1 project is to be 40mm SMA10
- 2) Paragraph 1.1 States "It is suitable for use on high speed traffic roads, but not in high stress locations such as intersections or roundabouts". We have two intersections in HPD2 and one in HPD1 to complete. Hewatt are of the opinion that the requirements of the second paragraph of item 1.1 be deemed void.
- 3) Paragraph 1.3.4 requires submission of a Project Quality Plan. Is this required ?
- 4) Paragraph 3.3 – Echelon paving has been left blank in Annexure A. Hewatt/Downer will not be echelon paving
- 5) Section 4.4 – The method for calculation of ride quality and appropriate amendments differs between R121 and ACT Section 4. Please clarify which method is to be used. Note also that R121 includes for incentives where ride quality is significantly better than the specified requirement.

I am awaiting further advice from Downer regarding any changes to mix design, manufacture, placement or testing as a result of working to the alternate specification.

Please contact me if there are any queries.

Thanks

Regards

Engineering Manager

**HEWATT**

PO Box 94 HALL ACT 2618

TC | F | M |  
[@hewatt.com.au](mailto:) | [www.hewatt.com.au](http://www.hewatt.com.au)

Communication **H**onesty **A**ccountability **R**espect **T**eamwork

---

This e-mail has been scanned for viruses by Symantec.Cloud.

---

This e-mail has been scanned for viruses by Symantec.Cloud.



# HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



HEWATT  
CONSULTANTS



## MEETING: SITE MEETING - AGENDA

**LOCATION:** Project Site Office, Horse Park Drive, Jacka  
**DATE:** Friday, 21 March 2014  
**TIME:** 10.30am  
**ATTENDEES:**

**Economic Development Directorate:** Michael McGrath (MM)  
 John Husband (JH)  
 Michael Sergi (MS)

**Shared Services Procurement:** Patrick Hancock (PH)  
 James Cargill (JC)

**Brown:**

**SMEC:**

**Hewatt:**

| No.              | Item Description  | Action           |  |  |           |                              |             |           |                                  |             |  |
|------------------|---|------------------|--|--|-----------|------------------------------|-------------|-----------|----------------------------------|-------------|--|
| 01.              | WHS   |                  |  |  |           |                              |             |           |                                  |             |  |
| 02.              | Review Previous Minutes / Matters Arising   |                  |  |  |           |                              |             |           |                                  |             |  |
| 03.              | Design <ul style="list-style-type: none"> <li>RFIs: 116 submitted; 0 open</li> </ul>  |                  |  |  |           |                              |             |           |                                  |             |  |
| 04.              | Site Compound   |                  |  |  |           |                              |             |           |                                  |             |  |
| 05.              | Program <table border="1" style="margin-left: 20px;"> <thead> <tr> <th colspan="3">Current PC Dates</th> </tr> </thead> <tbody> <tr> <td>SP1 &amp; SP3</td> <td>Civil, Burrumarra Ave – HPD1</td> <td>03 Apr 2014</td> </tr> <tr> <td>SP2 &amp; SP4</td> <td>Landscape, Burrumarra Ave – HPD1</td> <td>07 Oct 2014</td> </tr> </tbody> </table> | Current PC Dates |  |  | SP1 & SP3 | Civil, Burrumarra Ave – HPD1 | 03 Apr 2014 | SP2 & SP4 | Landscape, Burrumarra Ave – HPD1 | 07 Oct 2014 |  |
| Current PC Dates |   |                  |  |  |           |                              |             |           |                                  |             |  |
| SP1 & SP3        | Civil, Burrumarra Ave – HPD1  | 03 Apr 2014      |  |  |           |                              |             |           |                                  |             |  |
| SP2 & SP4        | Landscape, Burrumarra Ave – HPD1  | 07 Oct 2014      |  |  |           |                              |             |           |                                  |             |  |
| 06.              | Environmental   |                  |  |  |           |                              |             |           |                                  |             |  |
| 07.              | Industrial Relations  |                  |  |  |           |                              |             |           |                                  |             |  |
| 08.              | Traffic   |                  |  |  |           |                              |             |           |                                  |             |  |
| 09.              | Community   |                  |  |  |           |                              |             |           |                                  |             |  |
| 10.              | Staffing  |                  |  |  |           |                              |             |           |                                  |             |  |
| 11.              | Utilities   |                  |  |  |           |                              |             |           |                                  |             |  |
| 12.              | Issues  |                  |  |  |           |                              |             |           |                                  |             |  |
| 13.              | EOT <ul style="list-style-type: none"> <li>EOT Status (14 submitted): 52.5 Days Claimed; 36.5 Days Granted</li> </ul>   |                  |  |  |           |                              |             |           |                                  |             |  |
| 14.              | Variations <ul style="list-style-type: none"> <li>Status (including BoQ over/underruns) (excl GST):<br/>               Submitted;                      Endorsed;                        Certified for<br/>               payment (as at end of Feb '14)</li> </ul>  |                  |  |  |           |                              |             |           |                                  |             |  |
| 15.              | Progress Claims   |                  |  |  |           |                              |             |           |                                  |             |  |
| 16.              | Quality Assurance <ul style="list-style-type: none"> <li>HPs: 302 raised; 18 open</li> <li>NCRs: 30 raised (25 Quality; 5 Safety)</li> </ul>  |                  |  |  |           |                              |             |           |                                  |             |  |
| 17.              | Working hours and days  |                  |  |  |           |                              |             |           |                                  |             |  |
| 18.              | Construction Matters  |                  |  |  |           |                              |             |           |                                  |             |  |
| 19.              | Subcontractors  |                  |  |  |           |                              |             |           |                                  |             |  |

|     |   |  |
|-----|---|--|
| 20. | Next Meeting(s) <ul style="list-style-type: none"><li>• Friday, 4 April 2014 – Site Meeting</li></ul> |  |
| 21. | Other?  |  |



|                              |   |                            |
|------------------------------|---|----------------------------|
| <p>Hold point submitted.</p> | <p>layer thickness. noted that he has been in touch with Downer who advised the per-tonne rate for SMA10 is slightly higher than SMA14.</p> <ul style="list-style-type: none"> <li>o MM asked if Hewatt would have an objection to using the RMS SMA Specification (R121) for the supply and placement of the SMA wearing course. noted that the RMS Specification may require additional works such as the use of a shuttle-buggy and echelon paving. Hewatt and SMEC will discuss the use of the RMS Specification further. noted that there is not a lot of time until the commencement of SMA placement (noting HPs for mix design are due 10 working days prior to works).</li> <li>o confirmed that the spray seal &amp; prime to be used for the project will be as shown in the design. stressed the importance of Hewatt <u>submitting the HPs</u> for the design of the spray seal &amp; prime to be used for the works. SMEC will need to approve these prior to works taking place. Particular attention will be on the content of cutter oils to be used.</li> <li>o noted that the gap between the completion of spray seal and placement of SMA will likely be 2-3 days. noted that this is pretty standard practice. noted the content of the cutter oil in the spray seal will also have an impact on how soon after the spray seal the SMA can be placed.</li> </ul> <ul style="list-style-type: none"> <li>• Offset of W-beam guardrail behind the kerb <ul style="list-style-type: none"> <li>o JH raised the issue of where the correct location of the face of the W-beam is, the kerb-line or offset behind the kerb? Noting that HPD1's W-beam is close to the kerb-line, whereas HPD2's is offset.</li> <li>o passed on Brown's advice, that the ACT Design Standards show it is desirable for the W-beam to be offset behind (for speed limits &gt;70kph) to avoid 'minor nuisance vehicle impacts' with the overhang of the car before the wheels have hit the kerb.</li> <li>o MM added that this question may be asked by Asset Acceptance during handover.</li> </ul> </li> <li>• MS asked whether there was a requirement behind for no fixed structures to be located behind guardrail (eg. streetlighting). noted that this had been investigated and the standards advise that a clear zone is desirable, but where not possible structures need to be frangible. to forward on reference to MS.</li> <li>• MM asked whether the N2C interface design issues were resolved (relating to the low point on the corner of Burrumarra Ave). advised that this was raised in the walk through with Brown and they advised that these issues have been resolved in a combination of both the HPD2 and N2C's designs.</li> <li>• JH said he had been asked a question about Action Bus Stops along HPD2. PH confirmed that these were mentioned at the start of construction. However Action did not get in quick enough. If the bus stops are to be installed they will be retro-fitted to both HPD1 &amp; HPD2. <u>JH will respond accordingly.</u></li> </ul> | <p>NOTE</p> <p>JH-NOTE</p> |
| <p>04.</p>                   | <p>Site Compound</p> <ul style="list-style-type: none"> <li>• The site compound will be looking to be removed <u>mid-April 2014</u></li> </ul>  | <p>Before Easter</p>       |

| 05.              | <p>Program</p> <ul style="list-style-type: none"> <li>SMA has been pushed back to commence on 31 March 2014. Current programme showing commencement on 19 March 2014 (taking 8 days to complete). <i>+ 3 days HPD1</i></li> <li>The seal programme is yet to be finalised. Hewatt to confirm whether the seal is to be completed in stages or as a single operation.</li> <li>MM noted that the PC inspection for HPD2 is to be organised by PH and will include a walk through with EDD. This will be the same as other EDD projects around the Territory.</li> </ul> <table border="1"> <thead> <tr> <th colspan="3">Current PC Dates</th> </tr> </thead> <tbody> <tr> <td>SP1 &amp; SP3</td> <td>Civil, Burrumarra Ave – HPD1</td> <td>03 Apr 2014</td> </tr> <tr> <td>SP2 &amp; SP4</td> <td>Landscape, Burrumarra Ave – HPD1</td> <td>07 Oct 2014</td> </tr> </tbody> </table> | Current PC Dates                                   |  |  | SP1 & SP3 | Civil, Burrumarra Ave – HPD1 | 03 Apr 2014 | SP2 & SP4 | Landscape, Burrumarra Ave – HPD1 | 07 Oct 2014 |  |
|------------------|--|--|--|--|-----------|------------------------------|-------------|-----------|----------------------------------|-------------|--|
| Current PC Dates |  |  |  |  |           |                              |             |           |                                  |             |  |
| SP1 & SP3        | Civil, Burrumarra Ave – HPD1   | 03 Apr 2014  |  |  |           |                              |             |           |                                  |             |  |
| SP2 & SP4        | Landscape, Burrumarra Ave – HPD1   | 07 Oct 2014  |  |  |           |                              |             |           |                                  |             |  |
| 06.              | <p>Environmental</p> <ul style="list-style-type: none"> <li>noted that the site has held up well following significant rain events in the past fortnight/month. This is largely due to Hewatt's preparation for these events.</li> <li>A significant amount of silt has built up in HPD2's floodway that was washed down from Casey landscaping works. Hewatt are to follow this up with (Lend Lease).</li> <li>There have been no visits from the EPA.</li> </ul>   | Hewatt   |  |  |           |                              |             |           |                                  |             |  |
| 07.              | <p>Industrial Relations</p> <ul style="list-style-type: none"> <li>Telstra need to be informed early that their subcontractor <u>completing the pit replacement work needs to have necessary ACT IRE Certification.</u> - <i>No work without IRE</i></li> </ul>  | /Hewatt  |  |  |           |                              |             |           |                                  |             |  |
| 08.              | <p>Traffic</p> <ul style="list-style-type: none"> <li>PH will liaise with Roads ACT to determine how the traffic lights at Mirrabai Dr will be dealt with (on, off, etc.). It was noted that there have been recent talks of accelerating the development of Moncrieff, therefore they may be required.</li> </ul>   | PH   |  |  |           |                              |             |           |                                  |             |  |
| 09.              | <p>Community</p> <ul style="list-style-type: none"> <li>As noted in Item No. 2, JH will liaise with EDD Communications section regarding potential opening event for HPD1/2.</li> <li>Hewatt are in correspondence with Lend Lease regarding the topsoiling and bitumen straw mulching of Lend Lease's stockpiles located adjacent to Swale No. 1. Hewatt will be subcontracted to Lend Lease for these works (ie. these works are separate to the HPD2 Contract).</li> </ul>  | NOTE<br>JH   |  |  |           |                              |             |           |                                  |             |  |
| 10.              | <p>Staffing</p> <ul style="list-style-type: none"> <li>informed the meeting that (HPD2 Foreman/Supervisor) will be moving across to Majura at the start of the week commencing 17 Mar 2014. would send a proposal/note on this and replacement. <ul style="list-style-type: none"> <li>SMEC raised objection to this personnel change. SMEC noted has been on the Project since the start and has done a great job. He will be vital to the successful completion of the Project. SMEC indicated they would respond to proposal accordingly. SSP/EDD supported SMEC's views.</li> </ul> </li> </ul>  | <p><i>Proposal Rejected to stay till April</i></p> |  |  |           |                              |             |           |                                  |             |  |

|  |   |   |
|--|---|---|
| <p>11.</p> <p><i>SMEC now engaged to carry out S/W WAE Inspections on Capital Works.</i></p>           | <p>Utilities</p> <ul style="list-style-type: none"> <li>Hewatt have prepared a Handover ITP "schedule" showing plan dates for production of WAE drawings/records. The dates in the sheet will be progressively updated.</li> <li>to send MM email regarding stormwater handover procedures (the Contract is not up-to-date with respect to this issue).</li> <li>Water Mains: <ul style="list-style-type: none"> <li>Hewatt have received and paid ACTEW Water's quote for connection of HPD2 water main to existing network.</li> <li>Draft WAE drawings have been produced and SMEC will review, prior to forwarding to ACTEW Water.</li> </ul> </li> <li>NBN Co. is awaiting WAE information/drawings prior to completing final inspection. and will look at getting this information to NBN Co. ASAP to be able to finalise any handover requirements. All survey should be complete.</li> <li>Hewatt received a quote back from Telstra regarding the pit that needs to be raised at CH40. The quote for the work was for - It was agreed this was very high, but there is no other way of carrying out the work. PH will reply to email notifying the quote's approval.</li> </ul>                                  | <p>SMEC</p> <p>PH/</p>                              |
| <p>12.</p> <p><i>Hewatts will continue placing pitching - Comments will be taken into account.</i></p> | <p>Issues</p> <ul style="list-style-type: none"> <li>MM noted that the stone pitching that is currently being replaced was not enough. <u>SMEC &amp; EDD</u> will meet following the meeting to discuss. - <i>On site Mtg - Correspondence.</i></li> <li>Handover and WAE for PC (Issue No. 19): <i>18/3/14</i> - <i>SMEC to respond</i> <ul style="list-style-type: none"> <li>will follow up kerb cracks issues with Asset Acceptance;</li> <li>SMEC are aiming to have the first revision of the Defects Register issued by the end of next week (Week ending 14/3/14) - <i>To be prepared by SMEC As soon as</i></li> </ul> </li> <li>Interface with Springbank Rise (ISS002) - following bitumen straw-mulching of Lend Lease's stockpiles, the boundary between the HPD2 and Springbank Rise will not be as clear. For the purposes of handover, a temporary fence will be erected to delineate the boundary. - <i>Mtg Next wk</i></li> <li>Springbank Rise Interface (Issue No. 2) was covered in Item 09. Community.</li> <li>Changes to SMA design (Issue No. 18) was covered in Item 03. Design</li> <li>Existing Telstra Pit to be raised at CH40 (Issue No. 20) was covered in Item 11. Utilities.</li> </ul> | <p><i>18/3/14</i></p> <p>SMEC/EDD</p> <p>Hewatt</p> |
| <p>13.</p>   | <p>EOT</p> <ul style="list-style-type: none"> <li>EOT Status (14 submitted): 52.5 Days Claimed; 36.5 Days Granted</li> <li>EOT No. 14 was submitted by Hewatt for 0.5 day wet weather.</li> </ul>   | <p><i>Discussion with MM</i></p>                    |
| <p>14.</p>   | <p>Variations</p> <ul style="list-style-type: none"> <li>Status (including BoQ over/underruns) (excl GST): Submitted; 1 Endorsed; Certified for payment (as at end of Jan '14)</li> <li>MM commended the way that Variations have been promptly dealt with by both the Superintendent and the Contractor.</li> <li>Approx will be claimed in Variations for the Feb 2014 Claim. SMEC is currently assessing a number of these Variations.</li> </ul>  | <p><i>- See Register</i></p>                        |

PH needs Info - by 16/4

NS SSP Payments will be made ~~24~~ April for 3wks

|     |  |        |
|-----|--|--------|
| 15. | <p>Progress Claims</p> <ul style="list-style-type: none"> <li>The Progress Claim for February 2014 is looking at being - <br/> - <del>March</del> - <del>April</del> - <del>April</del></li> <li>Formal claim to be submitted by Hewatt</li> </ul>   |        |
| 16. | <p>Quality Assurance</p> <ul style="list-style-type: none"> <li>HPs: 280 raised; 5 open</li> <li>NCRs: 30 raised (25 Quality; 5 Safety)</li> <li>SMEC are awaiting some information on a few Hold Points and NCRs</li> <li>Hewatt have submitted 5 NCRs since the last meeting. noted this shows that Hewatt's QA system is working.</li> </ul>  |        |
| 17. | <p>Working hours and days</p> <ul style="list-style-type: none"> <li>Hewatt's Easter Shutdown (for other projects) will be from 18 - 27 April 2014 (inclusive). It is anticipated that HPD2 will be completed by this stage, however if not work may continue on non-Public Holiday days in order to complete the Project (RDOs will be banked for later if this is the case).</li> </ul>  |        |
| 18. | <p>Construction Matters</p> <ul style="list-style-type: none"> <li><b>Post-Meeting Note:</b> the treatment for the ends of roads stubs still needs to be addressed. R D Gossips Pty Ltd have provided details for other projects. <u>EDD to follow up with Gossips.</u></li> <li><b>Post-Meeting Note:</b> EDD have requested that a photographic record of the profile of the as constructed pavement structure is produced for each of the road stubs. SMEC will produce this record.</li> </ul> | JH     |
| 19. | <p>Subcontractors</p> <ul style="list-style-type: none"> <li>Downer will be subcontracted to complete the asphaltting works for the Project. Hewatt will forward the subcontract with Downer to SMEC.</li> </ul>   | Hewatt |
| 20. | <p>Next Meeting(s)</p> <ul style="list-style-type: none"> <li>Friday, <del>21</del> March 2014 - Site Meeting</li> </ul>   |        |
| 21. | Other?   |        |

R121 for SMA with Quality Plan

\*

4 April

SMA - Intersections!  
Queries.

- Incentive
- DL period - 12 months or - 24 months

Have requested Glen have a look at these issues

Temp kerbs @ Burrumarra.

21/3/14

## INCIDENT/NEAR MISS REGISTER - ALL



| ID No | Type                   | Date       | Location                                | Incident Description  | Parties Involved                         | Consequences of Incident  | Action Taken   | Status |
|-------|------------------------|------------|---|---|--|---|--|--------|
| 1     | WHS Incident           | 10/05/2013 | Site: CH0-500                           | A member of the public was seen walking on the site   | Member of public, Hewatt                 | No injuries.  | Signage and fencing at Site Entry  | Closed |
| 2     | WHS Incident           | 23/05/2013 | CH450                                   | The temporary site fencing on the Casey Development side of the floodway was damaged/cut open.  | Unknown                                  | Damage to fencing.  | Fencing was reinstated.  | Closed |
| 3     | Observation            | 24/07/2013 | Temporary floodway (CH420)              | The sandbags used for shoring the access road over the temporary floodway were noticed to be slightly displaced. This was caused by settlement under loading of the access road. If left this could be a potential problem. | Identified by SMEC                       | N/A   | The road crossing has been rebuilt and the sandbags replaced in a more secure formation. Ongoing monitoring will be undertaken.  | Closed |
| 4     | WHS Incident           | 11/09/2013 | CH1400 - Sewer manhole                  | Worker placing concrete for sewer manholes was working at heights without adequate safety measures  | ACT Civil & Subcontractor                | No injuries or accidents.   | Hewatt advised ACT Civil of the incident and the work methods being used on site to pour the manholes was adjusted accordingly.  | Closed |
| 5     |                        | 14/10/2013 | SP3                                     | Operative Hurt his back when changing the cutting edge on the scrapper  | Hewatt                                   |   | An incident report was completed.  |        |
| 6     | Environmental Incident | 15/10/2013 | Road 04 Intersection                    | A dump truck had an engine failure at approx CH840. The truck came to a safe stop with no other damage or injuries.   | Machine Operator                         | Oil and coolant spilt from the container and onto the road formation. This was cleaned up by Hewatt. There was no other damage or injuries. | Oil Spill was cleaned up by Hewatt and the incident was recorded   | Closed |
| 7     | WHS Near Miss          | 16/10/2013 | Embankment adjacent to Western Abutment | A compactor was working close to the edge of the steep embankment - the machine's front wheels got stuck on the edge of the embankment. The compactor was not meant to be working this close to the steep embankment.       | Compactor Operator                       | The compactor required assistance to get out of the situation.  | The occurrence was recorded as a near miss due to operator error.  | Closed |
| 8     | WHS Incident           | 20/11/2013 | HPD1-HPD2 Site Compound                 | Vandals broke into the site and caused significant damage to the site compound (broken windows), equipment and machinery (water truck graffitied).  | Unknown vandals                          | No injuries or harm was caused to site personnel.   | Police examined the vandalism and lodged a report.   | Closed |
| 9     | WHS Incident           | 13/12/2013 | Block 818                               | A fire was started in the unleased territory Block 818. The fire is thought to have been caused by mowing that took place within the block.   | LDA mowing contractor; Hewatt Site Staff | No injuries or harm was caused to site personnel.   | Hewatt attended the fire with fire extinguishers and a water cart. In January 2014, LDA inspected the mowing and Hewatt informed the representatives of the fire. LDA were to investigate. | Closed |



REQUEST FOR INFORMATION (RFI) - OPEN OR THIS MONTH



- Status Legend:
- Not Urgent
  - Moderate Priority (1-2 weeks)
  - Urgent (1-2 days)

| RFI Number | Description   | Date Raised | Issued to Designer? | Date Issued to Brown | Response From Brown | Discipline:                               | Classification              | Comment | Response Issued to Contractor | Status |
|------------|---|-------------|---------------------|----------------------|---------------------|---|-----------------------------|---------|-------------------------------|--------|
| 116A       | Clarification of sign post locations                                | 4/03/2014   | No                  |                      |                     | Road Furniture                            | Design Clarification        |         | 4/03/2014                     | Closed |
| 117A       | Clarification of crossfalls provided as part of response to RFI109A | 6/03/2014   | Yes                 | 6/03/2014            | 13/03/2014          | Concrete Kerbs, Footpaths and Minor Works | Design Clarification        |         | 14/03/2014                    | Closed |
| 119A       | Clarification of backfill requirements for tree planting            | 14/03/2014  | Yes                 | 14/03/2014           | 14/03/2014          | Landscaping                               | Specification Clarification |         | 14/03/2014                    | Closed |

Total = 3

| ID No | Type         | Date      | Location                               | Incident Description   | Parties Involved   | Consequences of Incident   | Action Taken   | Status |
|-------|--------------|-----------|--|--|--------------------|--|--|--------|
| 10    | WHS Incident | 3/02/2014 | HPD1 - Amaroo School to Jacka Access 1 | A cyclist was identified riding through the asphalted stage of HPD1, within the Limit of Works for HPD1 (which is also used as the entry to HPD2). | Cyclist, Hewatt    | No parties were injured.   | The cyclist was escorted from the Site by Hewatt staff.                        | Closed |
| 11    | WHS Incident | 5/03/2014 | Guardrail beside bridge                | Operator was maneuvering the post driver into position and ran over his own foot, with the safety bar hitting his shin.                            | Euro Civil; Hewatt | Swelling and bruising evident on shin and swelling, bruising and numbness in foot. Operator taken to casualty and was discharged. There were 3 days LTI. | Operator taken to casualty and Hewatt completed incident report for recording. | Closed |

**HORSE PARK DRIVE EXTENSION – BURRUMARRA AVE TO MIRRABEI DR Contract**  
**No: 2013.20148.110**



**EOT Register**

|  |                  |          |          |          |
|--|------------------|----------|----------|----------|
| Date of Issue of Letter of Acceptance                          | 26-February-2013 |          |          |          |
| Separable Portion No.  | SP1              | SP2      | SP3      | SP4      |
| Original Duration (Construction Period + Consolidation Period) | 40               | 66       | 62       | 88       |
| Original Date for Practical Completion                         | 3-Dec-13         | 3-Jun-14 | 6-May-14 | 4-Nov-14 |

| EOT Number | Date Raised | Contract Issue Number (if applicable) | Description  | Raised By | EOT Claimed (No of Days) | EOT Granted (No of Days) | Revised Date for Practical Completion |            |            |            | Date Hewatt Advised | Status |
|------------|-------------|---------------------------------------|--|-----------|--------------------------|--------------------------|---------------------------------------|------------|------------|------------|---------------------|--------|
|            |             |                                       |  |           |                          |                          | SP1                                   | SP2        | SP3        | SP4        |                     |        |
| 01         | 17/04/2013  | N/A                                   | Delays to works as a result of For Construction documentation not being provided in a timely manner. |           | 14                       | 0                        | 3/12/2013                             | 3/06/2014  | 6/05/2014  | 4/11/2014  | 17/06/2013          | Closed |
| 02         | 17/04/2013  | N/A                                   | Delays to works as a result of late receipt of Letter of Acceptance                                  |           | 2                        | 0                        | 3/12/2013                             | 3/06/2014  | 6/05/2014  | 4/11/2014  | 17/06/2013          | Closed |
| 03         | 21/06/2013  |                                       | Delays associated with Conservation Mangement Plan Issues  |           | 12                       | 12                       | 19/12/2013                            | 19/06/2014 | 22/05/2014 | 20/11/2014 | 21/06/2013          | Closed |
| 04         | 21/06/2013  |                                       | Wet Weather 12-14 June 2013  |           | 1                        | 1                        | 20/12/2013                            | 20/06/2014 | 23/05/2014 | 21/11/2014 | 21/06/2013          | Closed |
| 05         | 27/07/2013  |                                       | Wet Weather 24 - 25 June 2013  |           | 2                        | 2                        | 7/01/2014                             | 24/06/2014 | 27/05/2014 | 25/11/2014 | 27/06/2013          | Closed |
| 06         | 31/07/2013  |                                       | Wet Weather 16-19 July 2013  |           | 4                        | 4                        | 13/01/2014                            | 14/07/2014 | 2/06/2014  | 1/12/2014  | 31/07/2013          | Closed |
| 07         | 22/08/2013  |                                       | Wet Weather 6th & 8th August 2013  |           | 2                        | 2                        | 15/01/2014                            | 16/07/2014 | 4/06/2014  | 3/12/2014  | 27/08/2013          | Closed |
| 08         | 4/09/2013   |                                       | Wet Weather, Fri 30 August 2013  |           | 1                        | 1                        | 16/01/2014                            | 17/07/2014 | 5/06/2014  | 4/12/2014  | 16/09/2013          | Closed |
| 09         | 25/09/2013  |                                       | Wet Weather - 16-20 September 2013   |           | 5                        | 5                        | 23/01/2014                            | 24/07/2014 | 12/06/2014 | 11/12/2014 | 26/09/2013          | Closed |
| 10         | 27/11/2013  |                                       | Wet Weather - 12-18 November 2013  |           | 5                        | 5                        | 3/02/2014                             | 5/08/2014  | 19/06/2014 | 18/12/2014 | 27/11/2013          | Closed |
| N/A        |             |                                       | Amendment to HPD2 SP1&3 Dates for Practical Completion to coincide with completion of HPD1           |           |                          |                          | 28/03/2014                            | 26/09/2014 | 28/03/2014 | 26/09/2014 | 17/12/2013          |        |

| EOT Number    | Date Raised | Contract Issue Number (if applicable) | Description   | Raised By | EOT Claimed (No of Days) | EOT Granted (No of Days) | Revised Date for Practical Completion |            |            |            | Date Hewatt Advised | Status |
|---------------|-------------|---------------------------------------|---|-----------|--------------------------|--------------------------|---------------------------------------|------------|------------|------------|---------------------|--------|
|               |             |                                       |   |           |                          |                          | SP1                                   | SP2        | SP3        | SP4        |                     |        |
| 11            | 22/01/2014  |                                       | Inclement Weather (High Temperatures) 15-17 Jan 2014      |           | 1.5                      | 1.5                      | 31/03/2014                            | 29/09/2014 | 31/03/2014 | 29/09/2014 | 23/01/2014          | Closed |
| 12            | 6/02/2014   |                                       | Inclement Weather (High Temperatures) 29 Jan - 3 Feb 2014 |           | 2                        | 2                        | 2/04/2014                             | 7/10/2014  | 2/04/2014  | 7/10/2014  | 6/02/2014           | Closed |
| 13            | 24/02/2014  |                                       | Wet Weather 19-20 February 2014                           |           | 0.5                      | 0.5                      | 3/04/2014                             | 7/10/2014  | 3/04/2014  | 7/10/2014  | 26/02/2014          | Closed |
| 14            | 6/03/2014   |                                       | Wet Weather 5 March 2014                                  |           | 0.5                      | 0.5                      | 3/04/2014                             | 7/10/2014  | 3/04/2014  | 7/10/2014  | 7/03/2014           | Closed |
| <b>TOTALS</b> |             |                                       |   |           | <b>52.5</b>              | <b>36.5</b>              |                                       |            |            |            |                     |        |



**ISSUES REGISTER - OPEN**

| Issue Number | Description  | Details  | Date Raised | Action   | Status | Additional Comments |
|--------------|--|--|-------------|--|--------|---------------------|
| 002          | Issues surrounding Springbank Rise (Casey Development) Interface | There were a number of initial concerns from Land Lease regarding the boundary interface with the HPD2 Project.<br>1. Locations of stockpiles<br>2. Casey Headwall   | 19/04/2013  | The interface with Springbank Rise requires ongoing management. Current issues include making good trenching for electrical within Springbank Rise Verge.  | Open   |                     |
| 018          | Outcomes of SMA Investigations on HPD1                           | EDD engaged a consultant to prepare a report for the placement and use of SMA on HPD1. Outcomes of the report may influence the SMA to be used for HPD2.   | 7/02/2014   | EDD have advised SMA10 with 30mm specified thickness will be used. SMEC has issued Hewatt a letter instructing the above and requesting comments regarding the use of RMS R121. Hewatt have raised a number of queries with the use of R121. | Open   |                     |
| 019          | Handover & WAE for Practical Completion                          | The requirements for handover of the completed project will be tracked as an issue. HPD2 handover will be completed through Asset Acceptance   | 7/02/2014   | Hewatt has provided a draft schedule for handover and WAE submission.  | Open   |                     |
| 020          | Existing Telstra Pit to be raised at CH40                        | The existing Telstra Pit located at CH 40 requires raising by approximately 500mm to the FSL. This pit connects the HPD2 Telstra conduit to the existing network of conduits along Horse Park Dr. The works require an accredited Telstra subcontractor. | 10/02/2014  | Telstra has prepared a quote for approx. to raise the pit.<br>Hewatt and Telstra are in correspondence to ensure Telstra's subcontractor is IRE certified.   | Open   |                     |
| 022          | Stone Pitching Finishes on Southern bridge embankment            | EDD have raised issue with the finish of the stone pitching on the southern bridge abutment. Issues include protruding rock, waves in the finished levels and not in accordance with test panel.   | 15/11/2013  |  | Open   |                     |
| 023          | HPD1/2 Potential Opening Event                                   | The ACT Government has shown interest in organising an Opening Event for the completion of HPD1 & HPD2.  | 7/03/2014   |  | Open   |                     |
| 024          | Traffic Light use at Mirrabai Dr                                 | Roads ACT have been asked to provide advice on how the traffic lights at Mirrabai Dr are to be dealt with. If Mirrabai Dr is not going to be used, the lights may remain non-operational.  | 7/03/2014   |  | Open   |                     |

## PUBLIC LIAISON REGISTER - ALL



| Liaison No. | Date Raised | Liaison Initiator              | Person Contacted               | Location           | Description  | Date Actioned | Action Taken  | Status | Comment         |
|-------------|-------------|--------------------------------|--------------------------------|--------------------|--|---------------|---|--------|-----------------|
| 1           | 29/04/2013  | (SMEC)                         | (BNT)                          | Site - General     | Numerous discussions have been held with [redacted] regarding the re-alignment of the Bicentennial National Trail throughout construction.   | 9/05/2013     | Following meeting with [redacted] on-site and agreeing on a re-alignment, signage previously within HPD2 alignment was relocated along the new alignment                              | Closed |                 |
| 2           | 2/05/2013   |                                | (Lend Lease - Springbank Rise) | CH0-450            | Project Interface Meeting held at SMEC Offices to discuss potential interface issues between the Lend Lease Casey Development and HPD2   | 2/05/2013     | Minutes of the meeting were taken and actions assigned to each party. This action will be ongoing for the most part of SP1.   | Closed |                 |
| 3           | 29/05/2013  |                                |                                |                    | Hewatt contacted [redacted] regarding access within his property to complete the designed works.   |               | Ongoing meetings are being held with [redacted]   | Closed | Refer to ISS007 |
| 4           | 13/08/2013  |                                |                                | Telephone          | Organised a meeting on 14/06/2013 to discuss fencing works associated with the Project on his property. [redacted] also advised he wished to move his sheep/cattle from [redacted]       | 14/06/2013    | Meeting scheduled for 14/06/2013  | Closed |                 |
| 5           | 14/06/2013  | Site (Hewatt-SMEC)             |                                |                    | Meeting held with [redacted]: The farmer has asked to drive his stock across the site at the end of July. Fencing location was agreed as well as the installation of an additional gate. | 26/06/2013    | Gate installed and rules put in place to allow [redacted] to relocate his cattle and sheep.   | Closed |                 |
| 6           | 12/06/2013  |                                | John Husband                   | Email              | [redacted] contacted the ACT Government to enquire about the timing of the Horse Park Drive Projects   | 18/06/2013    | John Husband replied to [redacted], advising the estimated completion dates for the two projects.   | Closed |                 |
| 7           | 12/07/2013  |                                | John Husband                   |                    | [redacted] and John met with [redacted] to discuss works designed within [redacted] and various approvals that may be required to conduct these works (including land withdrawal).       | 16/07/2013    | Hewatt to set up pegs along intended boundary alignment; survey to be undertaken and ACTPLA to be contacted to initiate discussions. Another meeting to be held with [redacted] soon. | Closed |                 |
|             | 12/07/2013  | (Lend Lease - Springbank Rise) |                                | Email              | [redacted] I was asking about the timing for the completion of the HPD works.  | 16/07/2013    | [redacted] advised [redacted] of the likely completion dates.   | Closed |                 |
| 9           | 16/07/2013  |                                |                                |                    | [redacted] and [redacted] met with [redacted] to show him the marked out pegs and to discuss locations of gates, etc.  | 5/08/2013     | Ongoing actions: 1. Get survey plan to show ACTPLA; 2. Initiate withdrawal; 3. Attempt to set up  | Closed |                 |
| 10          | 12/07/2013  | Member of Public               | Hewatt Contractors             | Hewatt Site Office | A member of the public called into the site office to ask about the expected completion date of the Project.   | 12/07/2013    | Hewatt advised the person it would likely be completed by mid-2014  | Closed |                 |

Thursday, 20 March 2014

Page 1 of 3

| Liaison No. | Date Raised | Liaison Initiator      | Person Contacted             | Location      | Description  | Date Actioned | Action Taken  | Status | Comment |
|-------------|-------------|------------------------|------------------------------|---------------|--|---------------|---|--------|---------|
| 11          | 5/08/2013   |                        | John Husband                 |               | Meeting with [redacted] to discuss potential to access property prior to land withdrawal. [redacted] did not agree as he is in the process of selling the property   | 5/08/2013     | Hewatt were informed of the situation and alternative arrangements are to be made.  | Closed |         |
| 12          | 7/08/2013   |                        | Patrick Hancock/John Husband | Email         | [redacted] I was wondering the staging of the two remaining HPD Projects and possible implications to traffic through Ngunnawal.   | 7/08/2013     | Patrick informed Ben the Jacka/Amaroo end will be completed 1st and then Stage 2 (Casey end).   | Closed |         |
|             | 12/08/2013  |                        | T. Gordon (ACT Government)   | Meeting Venue | T. Gordon attended the [redacted] meeting within the week commencing 12/8/13 to update the meeting on HPD1/HPD2 progress.  |               | N/A   | Closed |         |
| 14          | 8/08/2013   | Member of the Public   | Chief Minister Talk Back     | N/A           | A member of the Public asked a question during the Chief Minister Talk Back time about the timing of the HPD1 and HPD2 Project completion dates.   | 9/08/2013     | A response was due to be issued on Fri 9/8/13.  | Closed |         |
| 15          | 16/08/2013  |                        |                              | Phone         | [redacted] contacted [redacted] regarding works required within [redacted] (which he has a 'grazing license' on). [redacted] was happy for works to go ahead as long as he was notified and fences remained stockproof.  | 28/10/2013    | Informed [redacted] Refer to Liaison No. 20   | Closed |         |
| 16          | 19/09/2013  |                        |                              | Phone         | [redacted] contacted [redacted] regarding the sale of his land. He advised that settlement is still due on the 30th Sep 2013 and that [redacted] should call after this date and details of the new owner can be exchanged.  | 4/10/2013     | [redacted] contacted [redacted] on the 4th Oct 2013. [redacted] gave the contact details of the new owner and informed [redacted] that the sale was likely to settle on the 4th Oct 2013.   | Closed |         |
| 17          | 1/10/2013   | [redacted] (Twitter)   | ACT Govt                     | Twitter       | [redacted] I was enquiring about completion dates for HPD1 and 2.  | 2/10/2013     | John Husband responded to the appropriate people within ACT Govt, to then give [redacted] an answer   | Closed |         |
| 18          | 4/10/2013   |                        |                              | Phone         | [redacted] contacted [redacted] (new leaseholder of [redacted]) to initiate agreements about accessing his property for the construction of Swale 15 prior to the official land withdrawal. [redacted] was understanding and signed an agreement that was emailed to him a | 10/10/2013    | [redacted] will keep [redacted] informed of any Project related activities that will likely affect his property.  | Closed |         |
| 19          | 14/10/2013  |                        |                              | Phone         | [redacted] contacted [redacted] (who has his cattle on agstment in [redacted]) to inform him that fencing works for the land withdrawal area were commencing.  | 14/10/2013    | Hewatt completed fencing works surrounding Swale 15 and have isolated the construction area.  | Closed |         |
| 20          | 28/10/2013  |                        |                              | Phone         | [redacted] contacted [redacted] to inform him of works within [redacted] (on which he holds a grazing licence).  | 28/10/2013    | Hewatt are completing works within the property. [redacted] relocated livestock to another paddock whilst works are being completed   | Open   |         |
| 21          | 13/11/2013  | Sharon Harmer (ACTPLA) |                              | Letter        | The formal notice for the withdrawal of land from [redacted] was sent to [redacted] and [redacted]. The date of withdrawal will be 4 February 2014.  | 13/11/2013    | N/A   | Closed |         |
| 22          | 16/12/2013  |                        |                              | Phone         | [redacted] called up about a few problems with the fencing along the eastern side of HPD where he has a grazing licence on LDA land. There were 3 locations that needed fixing.  | 18/12/2013    | Hewatt repaired the fences such that they were stockproof for the Christmas shutdown period. [redacted] returned [redacted] phone call to inform him that the fences had been fixed (a more permanent fix will be completed in 2014). | Closed |         |

Thursday, 20 March 2014

Page 2 of 3

| Liaison No. | Date Raised | Liaison Initiator | Person Contacted | Location       | Description  | Date Actioned | Action Taken  | Status | Comment |
|-------------|-------------|-------------------|------------------|----------------|--|---------------|---|--------|---------|
| 23          | 16/01/2014  | Hewatt            | (Lend Lease)     | Phone          | Hewatt informed Lend Lease that trenching works within Springbank Rise would commence on Monday 20 Jan 2014. Lend Lease did not have any issues with this.   | 31/01/2014    | None required. Lend Lease will be informed when works are complete.   | Closed |         |
| 24          | 30/01/2014  | (Lend Lease)      |                  | Email          | I was asking about the likely completion date for Hewatt's trenching works within Springbank Rise  | 31/01/2014    | I responded to Lend Lease, informing them that the trenching work would be completed within Springbank Rise by mid-week commencing 3/2/14 | Closed |         |
| 25          | 13/02/2014  | (Lend Lease)      |                  | Email          | contacted to inform him that the Burrumarra Ave asphalt wearing course works would not be undertaken by the HPD2 Project. Therefore there wouldn't be TTMPs disturbing the entrance of Springbank Rise |               | N/A   | Closed |         |
| 26          | 17/02/2014  | (Lend Lease)      |                  | Email          | I was wondering when the stockpiles were going to be bitumen straw mulched as he was organising a TaMS inspection and the stockpiles would form part of this.  | 18/02/2014    | I has been in contact with I to co-ordinate these works. These works are exclusive of HPD2.   | Open   |         |
| 27          | 20/02/2014  | Cyclist           |                  | Burrumarra Ave | A cyclist was looking for the Bicentennial National Trail and his GPS was directing him into the site. & directed him through Ngunnawal to get to Mirrabai Dr.   | 20/02/2014    | : & directed him through Ngunnawal to get to Mirrabai Dr.   | Closed |         |
| 28          | 12/03/2014  | Member of Public  | Canberra Connect | Telephone      | Resident was wanting to know the completion date for the Horse Park Dr Extension.  | 17/03/2014    | John Husband advised the caller HPDE will be completed in April 2014.   | Closed |         |

**HORSE PARK DRIVE EXTENSION – BURRARRA AVE TO MIRRABEI DR**  
**Contract No: 2013.20148.110**



**VARIATIONS - REGISTER**

| Variation Number | Contract Issue Number | Description   | Price Submitted (excl GST) | Price Agreed (excl GST) | Amount Certified to Date (excl GST) | Classification                  | Support Information | Status |
|------------------|-----------------------|---|----------------------------|-------------------------|-------------------------------------|---------------------------------|---------------------|--------|
|                  |                       | Quantity Overruns/Underruns   |                            |                         |                                     |                                 |                     | Agreed |
| 01               | 003                   | Conservation Management Plan  |                            |                         |                                     | Design/ Document deficiency     |                     | Closed |
| 02               | 003                   | Delays associated with Conservation Management Plan                   |                            |                         |                                     | Latent/ Site Condition          |                     | Closed |
| 03               |                       | Not used  |                            |                         |                                     | Not used                        |                     |        |
| 04               | 003                   | Site Visit by Heritage Consultant to advise on CMP                    |                            |                         |                                     | Design/ Document deficiency     |                     | Closed |
| 05               | 002                   | Regrading of mounds between HPD2 & Springbank Rise                    |                            |                         |                                     | Latent/ Site Condition          |                     | Closed |
| 06               | N/A                   | Changes to the Watermain from Tender                                  |                            |                         |                                     | Scope Change                    |                     | Closed |
| 07               | N/A                   | Supply and Installation of Combined Usage Pole                        |                            |                         |                                     | Contractor Proposed Alternative |                     | Agreed |
| 08               | N/A                   | Select CBR Changes from Design to Construction                        |                            |                         |                                     | Design/ Document deficiency     |                     | Closed |
| 09               | 008                   | Pricing of Missing Pay Items from the Bill of Quantities              |                            |                         |                                     | Design/ Document deficiency     |                     | Agreed |
| 10               | N/A                   | Supply of 375mm uPVC Sewer Pipe not used                              |                            |                         |                                     | Design Improvement              |                     | Closed |
| 11               | N/A                   | Anti-graffiti coating on bridge surfaces                              |                            |                         |                                     | Superintendent Request          |                     | Agreed |
| 12               | 007                   | Survey Works for Fence Realignment at Swale 15                        |                            |                         |                                     | Design/ Document deficiency     |                     | Closed |
| 13               | N/A                   | Additional Works for the Floodway                                     |                            |                         |                                     | Scope Change                    |                     | Closed |
| 16               |                       | Not used  |                            |                         |                                     |                                 |                     |        |
| 17               | 002                   | Additional Works associated with Casey Headwall (excl stone pitching) |                            |                         |                                     | Latent/ Site Condition          |                     | Agreed |
| 18               | 017                   | Additional works with Gas Main from Ch60 - Ch20                       |                            |                         |                                     | Latent/ Site Condition          |                     | Closed |
| 19               |                       | Widening of mowing strip along PD1 fence alignment                    |                            |                         |                                     |                                 |                     | Agreed |



| Variation Number | Contract Issue Number | Description   | Amount Submitted (excl GST) | Price Agreed (excl GST) | Amount Claimed to Date (excl GST) | Classification                  | Support Information | Status                    |
|------------------|-----------------------|---|-----------------------------|-------------------------|-----------------------------------|---------------------------------|---------------------|---------------------------|
| 21               | 017                   | Additional works with Telstra from Ch20 - Ch60  |                             |                         |                                   | Latent/ Site Condition          |                     | Closed                    |
| 22               | N/A                   | Additional Length of PD1 Fencing with In-situ Footings  |                             |                         |                                   | Limit of Accuracy               |                     | Closed                    |
| 23               | N/A                   | Additional works to provide drainage to subsoils and carriageway at the end of Mirraabei Dr                                 |                             |                         |                                   | Design/ Document deficiency     |                     | Closed                    |
| 24               |                       | Not used  |                             |                         |                                   |                                 |                     |                           |
| 25               | 011                   | Additional Shared Trench Road Crossings at CH970 and CH1500   |                             |                         |                                   | Design Improvement              |                     | Closed                    |
| 26               | N/A                   | Deduction for the use of Jute Mesh as opposed to Jute Mat   |                             |                         |                                   | Contractor Proposed Alternative |                     | Agreed                    |
| 27               | N/A                   | Civil works associated with providing Gas main stub to Ngunnawal as required by ZNX/Jemena                                  |                             |                         |                                   | Design/ Document deficiency     |                     | Closed                    |
| 29               | 013                   | HPD1 & HPD2 Quantity Adjustments for Changes in Scope of Works  |                             |                         |                                   | Scope Change                    |                     | Pending                   |
| 30               | N/A                   | Additional Shared Trench at East side of Mirraabei Dr   |                             |                         |                                   | Superintendent Request          |                     | Closed                    |
| 31               | N/A                   | Additional civil & electrical works for electrical supply to streetlight and traffic light controllers (excl ActewAGL work) |                             |                         |                                   | Operational                     |                     | Pending - SMEC            |
| 34               |                       | Deduction for use of SL82 instead of SL81 in islands  |                             |                         |                                   | Design Improvement              |                     | Agreed                    |
| 36               | 020                   | Raising Telstra Pit to Design Level at CH40   |                             |                         |                                   | Latent/ Site Condition          | Yes                 | To be claimed under 815P2 |
| 38               | 018                   | Change to SMA10 at 30mm and use of RMS R121   |                             |                         |                                   | Design Improvement              |                     | Pending - SMEC            |

**TOTALS**

**HOLD POINT REGISTER - OPEN**

| Release No | Specification No | Specification Name       | Clause No         | Clause Description  | Lot No   | Date of Submission | Status | Comments |
|------------|------------------|--------------------------|-------------------|---|--|--------------------|--------|----------|
| 0278       | B80 RMS          | Concrete for Bridgeworks | B80 RMS (7.3)     | Submission of Certificate of Conformity of formwork, reinforcement and embedments for concrete other than precast concrete members cast off the site. | SSFK01: East & west abutments LHS Handrail Footing | 26/03/2014         | Open   |          |
| 0279       | Section 4        | Flexible Pavement        | 4.2A (TEC 4.03.4) | Submission of conformance tests/survey prior to placement over subbase  | RB01 (CH1520-1870)                                 | 26/03/2014         | Open   |          |
| 0289       | Section 4        | Flexible Pavement        | 4.2A (TEC 4.03.4) | Submission of conformance tests/survey prior to placement over subbase  | RB03 (CH1220-1420)                                 | 12/03/2014         | Open   |          |
| 0290       | Section 4        | Flexible Pavement        | 4.2A (TEC 4.03.4) | Submission of conformance tests/survey prior to placement over subbase  | RB04 (CH990-1220)                                  | 12/03/2014         | Open   |          |
| 0292       | Section 4        | Flexible Pavement        | 4.2A (TEC 4.03.4) | Submission of conformance tests/survey prior to placement over subbase  | RB05 (CH890-990 + Rd04)                            | 13/03/2014         | Open   |          |
| 0295       | Section 4        | Flexible Pavement        | 4.2A (TEC 4.03.4) | Submission of conformance tests/survey prior to placement over subbase  | RB06 (CH770-890)                                   | 15/03/2014         | Open   |          |
| 0296       | Section 4        | Flexible Pavement        | 4.2A (TEC 4.03.4) | Submission of conformance tests/survey prior to placement over subbase  | RB07 (CH600-770)                                   | 15/03/2014         | Open   |          |
| 0297       | Section 4        | Flexible Pavement        | 4.2A (TEC 4.03.4) | Submission of conformance tests/survey prior to placement over subbase  | RB08 (CH470-600)                                   | 15/03/2014         | Open   |          |
| 0300       | Section 4        | Flexible Pavement        | 4.7 (4.05.4.i)    | Use of each asphalt nominated mix   | SMA10 - Mix Design                                 | 17/03/2014         | Open   |          |
| 0301       | Section 4        | Flexible Pavement        | 4.2A (TEC 4.03.4) | Submission of conformance tests/survey prior to placement over subbase  | RB09 (CH220-440)                                   | 17/03/2014         | Open   |          |
| 0302       | Section 4        | Flexible Pavement        | 4.2A (TEC 4.03.4) | Submission of conformance tests/survey prior to placement over subbase  | RB10 (CH60-220)                                    | 18/03/2014         | Open   |          |
| 0305       | Section 4        | Flexible Pavement        | 4.5 (4.04.8)      | Design of sprayed bituminous surfacing to be used in the works  | Prime and Seal Design                              | 18/03/2014         | Open   |          |
| 0306       | Section 4        | Flexible Pavement        | 4.5 (4.04.8)      | Design of sprayed bituminous surfacing to be used in the works  | SAMI Seal Design                                   | 18/03/2014         | Open   |          |
| 0307       | Section 6        | Minor Concrete           | 6.1 (6.09.2)      | Placement of concrete for footpaths, driveways and paving - set out, compaction of sub grade - test results where applicable                          |  | 20/03/2014         | Open   |          |

| Release No | Specification No | Specification Name | Clause No           | Clause Description   | Lot No                             | Date of Submission | Status | Comments |
|------------|------------------|--------------------|---------------------|--|------------------------------------|--------------------|--------|----------|
| 0308       | Section 4        | Flexible Pavement  | 4.3<br>(4.03.4.v.e) | Placement of overlying granular pavement layers over non conforming works area             | RSM12 - RSB14                      | 20/03/2014         | Open   |          |
| 0309       | Section 4        | Flexible Pavement  | 4.3<br>(4.03.4.v.e) | Placement of overlying granular pavement layers over non conforming works area             | RSB09 - RSB13&14                   | 20/03/2014         | Open   |          |
| 0310       | Section 4        | Flexible Pavement  | 4.6 (4.04.11.i)     | Sprayed bituminous surfacing work for each work area and Degree of Saturation test         | CH880-1870 (Prime)                 | 20/03/2014         | Open   |          |
| 0311       | Section 4        | Flexible Pavement  | 4.4 (4.04.3.i)      | Delivery of materials for sprayed bituminous surfacing - primer, primer sealing or sealing | Material Conformance (14,7mm seal) | 20/03/2014         | Open   |          |

Total = 18

**PROJECT PHOTOS:**



*Image 01: Stone pitched wall dividing shared and equestrian path*



*Image 02: Placement of base material*

**HORSE PARK DRIVE EXTENSION  
BURRUMARRA AVENUE to MIRRABEI DRIVE**



**HEWATT**



**MEETING: SITE MEETING - MINUTES**

**LOCATION:** Project Site Office, Horse Park Drive, Jacka  
**DATE:** Friday, 21 March 2014  
**TIME:** 10.30am  
**ATTENDEES:**

**Economic Development Directorate:** Michael McGrath (MM)  
 John Husband (JH)  
 Michael Sergi (MS)  
**Shared Services Procurement:** Patrick Hancock (PH)  
 James Cargill (JC)

**Brown:**

**SMEC:**

**Hewatt:**

| No. | Item Description  | Action     |
|-----|---|------------|
| 01. | <p>WHS</p> <ul style="list-style-type: none"> <li>• ACT Govt. WHS Audit was held on Monday 17 March 2014 by (Kaizen). Feedback was very positive from a project perspective (an unofficial 9/10 was given for the Project by raised a number of recommendations for SMEC, which SMEC will follow up with. Hewatt and SMEC will await the follow up report prepared by Kaizen.</li> <li>• confirmed that the incident involving the guardrail post driving machine and operator was not a 'notifiable incident' as the worker was discharged immediately from hospital and there were less than 7 days LTI recorded. noted that the worker returned to work the next week after 3 days LTI.</li> <li>• informed the meeting that Hewatt's WHS Manager conducted an internal WHS Audit on Thurs. 13/3/14. A couple of NCRs and a number of observations were raised.</li> </ul> | Kaizen/SSP |
| 02. | <p>Review Previous Minutes / Matters Arising</p> <ul style="list-style-type: none"> <li>• Hewatt submitted Variation Claim No. 31 relating to the additional works carried out associated with the power supply to the streetlight and traffic light controllers. See Item 14.</li> <li>• It was agreed to use 17 April 2014 as an approx. completion date for purposes of advising EDD Communications section and a potential opening event. has raised this item as an issue to ensure relevant parties are kept up-to-date. JH will act as the liaison in keeping EDD Communications informed.</li> </ul>  | JH         |
| 03. | <p>Design</p> <ul style="list-style-type: none"> <li>• RFIs: 116 submitted; 0 open</li> <li>• issued response to RF117A, providing revised and conforming crossfalls for the merger of the trunk path and concrete path adjacent to the floodway.</li> <li>• SMA Specification Changes – JH noted EDD had received queries (&amp; comments) on the use of RMS Specification R121. JH indicated that EDD considers a PQP necessary and is considering the use of the 'Incentives' clause for ride quality. JH</li> </ul>   |            |

|            |  |                     |
|------------|--|---------------------|
|            | <p>will respond to this email shortly.</p> <ul style="list-style-type: none"> <li>○ noted that the ride quality on HPD1 was not great and there may be deductions associated with this. Hewatt are expecting the ride quality on HPD2 to be considerably better. The 'incentives' clause provides a measurable way of balancing out the potential deductions associated with ride quality. JH was to liaise with MM and consider this.</li> <li>○ also raised the issues associated with the second half of Clause 1.1 (R121) which refers to a 24 month period within which no rutting, shoving, bleeding, etc. must occur. This requirement is outside the project's 12 month DLP and the specification also suggests SMA should not be used in intersections. suggested in comments to JH that the 24 month period could be revised to 12 months and this clause could be relaxed for intersection areas. JH will consider these points.</li> <li>○ also commented that in his opinion the intersections on HPD2 may fail within the 24 months due to the high traffic loading and the use of Mirabei Dr and Road 04 as construction access points to Moncrieff subdivision works.</li> </ul> <ul style="list-style-type: none"> <li>• Hewatt have submitted a Hold Point for the SMA10 mix design. is reviewing. noted under R121, this Hold Point only needs to be submitted 7 working days prior to placing SMA.</li> <li>• is reviewing the Prime and Seal Design. The proposed program for prime, seal and SMA works are shown in Item 05. noted that the prime is a 'light' prime, using AMC00 as per the design. confirmed that the seal binder is to be a straight C170 binder (ie. 0% cutter) and the standard 14/7mm double-double seal. Given the use of no cutter, the binder only needs time to cool prior to SMA placement (as no volatiles need to bleed off).</li> <li>• sent note through to MS &amp; JH regarding hazard free zone requirement behind guardrails.</li> <li>• JH will respond to an LDA query relating to Bus Stops on HPD1&amp;2 (construction had progressed too far when ACTION requested that bus stops be included. Any bus stops will have to be retrofitted, following the completion of HPD2).</li> <li>• asked if Roads ACT had a time period in mind to complete the wearing course works around Burrumarra Ave roundabout. PH noted no time frame had been given, just a note that Roads ACT will complete these works. noted that the response to RFI038A (widened carriageway between CH60-90) included the recommendation to use temporary kerbing beside the carriageway. It was agreed this requirement could be reviewed following completion of SMA. to raise this at this point.</li> <li>• also asked whether the concrete path along Whitrod Ave that terminates at HPD2 limit of works would be extended as part of HPD2. (It was originally included in the proposal to complete the additional wearing course works). PH said to leave it out of the HPD2 scope of works, if Roads ACT wish to extend they can. would send PH a photo of the location regardless.</li> </ul> | <p>JH</p> <p>JH</p> |
| <p>04.</p> | <p>Site Compound</p> <ul style="list-style-type: none"> <li>• The aim is to have to have the site compound removed by Easter (17 April 2014). The site will be landscaped following</li> </ul>   |                     |

|   |  |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
|---|--|----------------------------------|------------|------------|-------------|------------|------------|------------|-----|------|-----|-----|-----|-----|-----|--|--|--|--|-------|--|--|------------|------------|------------|------------|------------|------------|------------|-----|------|-----|-----|-----|-----|-----|-------|--|--|--|--|--|--|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----|------|-----|-----|-----|-----|-----|---|--|--|--|--|--|--|-------------------------|--|--|--|--|--|--|-----------|--|------------------------------|--|--|-------------|--|-----------|--|----------------------------------|--|--|-------------|--|--|
|   | removal of sheds.  |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| 05.   | <p>Program</p> <ul style="list-style-type: none"> <li>outlined program for prime, seal and SMA works (as shown below). SMA works will commence in HPD1 first. There is the potential for two asphalt crews to be working at once (1 in HPD1 and 1 in HPD2).</li> </ul> <table border="1"> <tr> <td>17/03/2014</td> <td>18/03/2014</td> <td>19/03/2014</td> <td>20/03/2014</td> <td>21/03/2014</td> <td>22/03/2014</td> <td>23/03/2014</td> </tr> <tr> <td>Mon</td> <td>Tues</td> <td>Wed</td> <td>Thu</td> <td>Fri</td> <td>Sat</td> <td>Sun</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Prime</td> <td></td> <td></td> </tr> <tr> <td>24/03/2014</td> <td>25/03/2014</td> <td>26/03/2014</td> <td>27/03/2014</td> <td>28/03/2014</td> <td>29/03/2014</td> <td>30/03/2014</td> </tr> <tr> <td>Mon</td> <td>Tues</td> <td>Wed</td> <td>Thu</td> <td>Fri</td> <td>Sat</td> <td>Sun</td> </tr> <tr> <td>Prime</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>31/03/2014</td> <td>1/04/2014</td> <td>2/04/2014</td> <td>3/04/2014</td> <td>4/04/2014</td> <td>5/04/2014</td> <td>6/04/2014</td> </tr> <tr> <td>Mon</td> <td>Tues</td> <td>Wed</td> <td>Thu</td> <td>Fri</td> <td>Sat</td> <td>Sun</td> </tr> <tr> <td colspan="7">SMA (HPD1 &amp; HPD2) - Approximately 8 days (for HPD1 - 3 days for HPD2)</td> </tr> <tr> <td colspan="7" style="text-align: center;"><b>Current PC Dates</b></td> </tr> <tr> <td colspan="2">SP1 &amp; SP3</td> <td colspan="3">Civil, Burrumarra Ave – HPD1</td> <td colspan="2">03 Apr 2014</td> </tr> <tr> <td colspan="2">SP2 &amp; SP4</td> <td colspan="3">Landscape, Burrumarra Ave – HPD1</td> <td colspan="2">07 Oct 2014</td> </tr> </table> | 17/03/2014                       | 18/03/2014 | 19/03/2014 | 20/03/2014  | 21/03/2014 | 22/03/2014 | 23/03/2014 | Mon | Tues | Wed | Thu | Fri | Sat | Sun |  |  |  |  | Prime |  |  | 24/03/2014 | 25/03/2014 | 26/03/2014 | 27/03/2014 | 28/03/2014 | 29/03/2014 | 30/03/2014 | Mon | Tues | Wed | Thu | Fri | Sat | Sun | Prime |  |  |  |  |  |  | 31/03/2014 | 1/04/2014 | 2/04/2014 | 3/04/2014 | 4/04/2014 | 5/04/2014 | 6/04/2014 | Mon | Tues | Wed | Thu | Fri | Sat | Sun | SMA (HPD1 & HPD2) - Approximately 8 days (for HPD1 - 3 days for HPD2) |  |  |  |  |  |  | <b>Current PC Dates</b> |  |  |  |  |  |  | SP1 & SP3 |  | Civil, Burrumarra Ave – HPD1 |  |  | 03 Apr 2014 |  | SP2 & SP4 |  | Landscape, Burrumarra Ave – HPD1 |  |  | 07 Oct 2014 |  |  |
| 17/03/2014  | 18/03/2014   | 19/03/2014                       | 20/03/2014 | 21/03/2014 | 22/03/2014  | 23/03/2014 |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| Mon   | Tues   | Wed                              | Thu        | Fri        | Sat         | Sun        |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
|   |  |                                  |            | Prime      |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| 24/03/2014  | 25/03/2014   | 26/03/2014                       | 27/03/2014 | 28/03/2014 | 29/03/2014  | 30/03/2014 |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| Mon   | Tues   | Wed                              | Thu        | Fri        | Sat         | Sun        |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| Prime   |  |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| 31/03/2014  | 1/04/2014  | 2/04/2014                        | 3/04/2014  | 4/04/2014  | 5/04/2014   | 6/04/2014  |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| Mon   | Tues   | Wed                              | Thu        | Fri        | Sat         | Sun        |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| SMA (HPD1 & HPD2) - Approximately 8 days (for HPD1 - 3 days for HPD2) |  |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| <b>Current PC Dates</b>   |  |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| SP1 & SP3   |  | Civil, Burrumarra Ave – HPD1     |            |            | 03 Apr 2014 |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| SP2 & SP4   |  | Landscape, Burrumarra Ave – HPD1 |            |            | 07 Oct 2014 |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| 06.   | <p>Environmental</p> <ul style="list-style-type: none"> <li>Jill Harrop (ACT EPA) will visit the site on Tues 25 Mar 2014. Visit will review if Hewatt's works have been carried out in accordance with the waterway licence.</li> <li>has organised a meeting with (Lend Lease) next week. Silt in the floodway and LL's environmental controls will be an agenda item.</li> </ul>  |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| 07.   | <p>Industrial Relations</p> <ul style="list-style-type: none"> <li><b>Raising Telstra Pit at CH40:</b> Hewatt planned to forward an email from ACT Govt through to Telstra, showing there will be no leniency given to Telstra's subcontractors who do not have ACT IRE Certification. asked if PH could send an email and will forward to Hewatt. <ul style="list-style-type: none"> <li>The intended action is to isolate the area surrounding the pit and continue works either side, until this issue can be resolved.</li> </ul> </li> </ul>  | PH/                              |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| 08.   | <p>Traffic</p> <ul style="list-style-type: none"> <li>PH sent email to B. McHugh asking how Roads ACT would like HPD2 to leave the Traffic Lights at Mirrabai Dr. PH has not received a reply.</li> <li>Moncrieff West subdivision will be out for tender very shortly. It is likely the traffic lights at Mirrabai Dr will be required by June 2014 for construction access. It was agreed by meeting incl. JH &amp; PH that works/proceedings will be carried out to have the lights as operational at Project completion. If there are delays to Moncrieff for any reason and they are not required, Roads ACT can simply disable them or change the phasing.</li> </ul>  |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| 09.   | <p>Community</p> <ul style="list-style-type: none"> <li>added community consultation through Canberra Connect to the PLR.</li> <li>A meeting has been organised with Lend Lease to discuss any issues with HPD2-Springbank Rise interface.</li> <li>also intends to organise a meeting with Ngunnawal 2C (Superintendents or Contractors) to confirm project boundaries and to ensure landscaping is consistent at the interface.</li> </ul>   |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |
| 10.   | <p>Staffing</p> <ul style="list-style-type: none"> <li>(Foreman/Supervisor) will stay on with HPD2 until 1<sup>st</sup> week of April 2014.</li> </ul>   |                                  |            |            |             |            |            |            |     |      |     |     |     |     |     |  |  |  |  |       |  |  |            |            |            |            |            |            |            |     |      |     |     |     |     |     |       |  |  |  |  |  |  |            |           |           |           |           |           |           |     |      |     |     |     |     |     |   |  |  |  |  |  |  |                         |  |  |  |  |  |  |           |  |                              |  |  |             |  |           |  |                                  |  |  |             |  |  |

|     |  |        |
|-----|--|--------|
|     | <ul style="list-style-type: none"> <li>Hewatt had a number of staff changes throughout the week. The largest of which (for HPD2 purposes) was finishing up on the Project. was the Snr Project Engineer. will be taking over from and will be spending a significant proportion of his time on-site.</li> </ul>  |        |
| 11. | <p>Utilities</p> <ul style="list-style-type: none"> <li>ZNX to connect HPD2 gas to existing at Burrumarra Ave and HPD1 (planned for Tues 25/03). All excavations around the gas line should be complete. noted that the Telstra Pit at CH40 is on the other side of the NBN Pit to the gas – therefore any works for this should not be near the live gas.</li> <li>ActewAGL electrical connection will occur following Ecowise completion of works on the TCU and SLC.</li> <li>SMEC will complete stormwater inspection for HPD2 for handover.</li> <li>MS noted that the Stormwater Inspection Contract had been extended to include roads (as well as subdivisions).</li> <li>will issue updated hydraulics WAE to SMEC for submission to Actew Water.</li> <li>All WAE information has been recorded for the shared utilities trench – it still needs to be compiled and put into drawings. NBN Co. is awaiting this information prior to completing a handover inspection.</li> <li>&amp; asked who should be contacted regarding the data connection for the Telstra line to the TCU. MS indicated that this is something that TaMS (Cameron Glassford) organise when the traffic lights are linked up.</li> <li>MS noted on a walk-through with TaMS on another project, TaMS picked up a number of issues with street-lighting (including the requirement that the bottom of the access panel is 450-500mm from ground level).</li> </ul> | Hewatt |
| 12. | <p>Issues</p> <ul style="list-style-type: none"> <li>The stone-pitching is an ongoing issue. noted that Hewatt will continue to complete works for stone pitching. Comments on quality have been noted by Hewatt and future stone pitching will take this into account.</li> <li>Handover and WAE for PC (ISS019): <ul style="list-style-type: none"> <li>to contact Asset Acceptance to seek clarification on disposition of cracked kerbs;</li> <li>SMEC will issue a draft defects register early next week (week commencing 24/3/14).</li> </ul> </li> <li>A meeting will be held with Lend Lease regarding interface issues with Springbank Rise.</li> <li>also hopes to meet with Canberra Contractors/Brown to discuss interface with N2C. noted that project boundaries have been agreed in email correspondence.</li> </ul>   | SMEC   |
| 13. | <p>EOT</p> <ul style="list-style-type: none"> <li>EOT Status (14 submitted): 52.5 Days Claimed; 36.5 Days Granted</li> <li>asked whether the date for PC was going to be strictly enforced. noted that the current completion date is expected to be a few days after the current date for PC and asked whether this was going to be seen as an issue. The original revised date for PC of 28 March 2014 was proposed by as part of the proposal to merge remaining portions of HPD1 and</li> </ul>  |        |



|     |  |        |
|-----|--|--------|
|     | <p>HPD2.</p> <ul style="list-style-type: none"> <li>o noted that if the date for PC was going to be strictly enforced, there is the potential for delay claims due to a number of design changes, as well as additional EOTs for wet weather.</li> <li>o PH/JH noted request to start discussions was valid. JH would discuss with MM. will send through a short list of potential delays to be considered by JH/MM in decision making.</li> </ul>   | JH/    |
| 14. | <p>Variations</p> <ul style="list-style-type: none"> <li>• Status (including BoQ over/underruns) Submitted; Endorsed; Certified for payment (as at end of Feb '14)</li> <li>• VO.31 (Power supply to SLC and TCU) submitted by with February 2014 Claim. A number of items were missing and asked to revise. will forward a quick email to with comments. Hewatt to resubmit. has partly assessed the claim and certified payment for the part that was assessed.</li> <li>• Hewatt have submitted a negative variation for the change to SMA10 with 30mm nominal thickness. to make an assessment and forward to &amp; SSP/EDD.</li> <li>• VAR036 (Raising of Telstra Pit) to be claimed under the Telstra Provisional Sum Item 815P2.</li> </ul>   |        |
| 15. | <p>Progress Claims</p> <ul style="list-style-type: none"> <li>• to revise Cash Flow forecasts and send to SMEC.</li> <li>• PH noted the requirements for March 2014 Tax Invoices (from both Consultants and Contractors) to be submitted early due to SSP Finance System being upgraded. Dates for submissions are within email (sent to SMEC and Hewatt). Pat needs it at the very latest by 16 April 2014 (preferably beforehand). (<b>Post-meeting note:</b> PH's email asked for Contractor's Invoices in by Fri 11 April). <ul style="list-style-type: none"> <li>o SMEC and Hewatt will work together to have the claim &amp; Hewatt's Tax Invoice in within this time frame.</li> </ul> </li> <li>• JH asked if the financials are being divided between HPD1 and HPD2 (for internal EDD financing purposes). noted that this issue had been resolved at a project level with a Variation raised on both HPD1 &amp; 2 for any adjustments. PH noted that SSP will be able to divide the financial reporting for HPD1/2 as required for EDD's purposes.</li> <li>• Payment for Hewatt's February 2014 Tax Invoice is for Thurs 27/3/14.</li> </ul> |        |
| 16. | <p>Quality Assurance</p> <ul style="list-style-type: none"> <li>• HPs: 302 raised; 18 open</li> <li>• There are a number of outstanding Hold Points requiring additional information from Hewatt. is following these up ASAP.</li> <li>• has forwarded email to Downer regarding Prime and Seal HP to obtain the necessary information.</li> <li>• The SMA Hold Point should be resubmitted under RMS R121 Specification Requirements.</li> <li>• NCRs: 30 raised (25 Quality; 5 Safety)</li> <li>• Hewatt raised an NCR regarding the testing procedures carried out by J&amp;A Testing. Hewatt/SMEC will await a response from J&amp;A prior to taking the matter further.</li> </ul>  | Hewatt |

|     |  |            |
|-----|--|------------|
| 17. | <p>Working hours and days</p> <ul style="list-style-type: none"> <li>(Note copied across from last meeting's minutes) Hewatt's Easter Shutdown (for other projects) will be from 18 – 27 April 2014 (inclusive). It is anticipated that HPD2 will be completed by this stage, however if not work may continue on non-Public Holiday days in order to complete the Project (RDOs will be banked for later if this is the case).</li> </ul> |            |
| 18. | <p>Construction Matters</p> <ul style="list-style-type: none"> <li>JH will follow up on the treatments to the end of the road stubs.</li> <li>will prepare a report on the pavement construction in the road stubs (this will include photos and measurements of the pavement constructed).</li> </ul>   | JH<br>SMEC |
| 19. | <p>Subcontractors</p> <ul style="list-style-type: none"> <li>will finalise contract documents for Downer and forward these through to SMEC.</li> </ul>   |            |
| 20. | <p>Next Meeting(s)</p> <ul style="list-style-type: none"> <li>Friday, 4 April 2014 – Site Meeting</li> </ul>   |            |
| 21. | Other?   |            |

**Husband, John**

---

**From:** Hancock, Patrick  
**Sent:** Friday, 21 March 2014 1:02 PM  
**To:**  
**Cc:** Cargill, James; HPDE; Husband, John  
**Subject:** RE: Horse Park Drive - Telstra IRE Issues

Confirming that no contractors or subcontractors allowed to work on any ACT Government worksite without an IRE certificate.

Patrick Hancock | Senior Procurement Officer  
 Phone 02 6207 0219 | Fax 02 6207 5468 | Mobile  
 Shared Services Procurement | Commerce and Works | ACT Government  
 Level 3, Annex, Macarthur House, 12 Wattle Street Lyneham ACT | [www.act.gov.au](http://www.act.gov.au)

---

**From:** [mailto: Patrick.Hancock@smec.com]  
**Sent:** Wednesday, 19 March 2014 9:53 AM  
**To:** Hancock, Patrick  
**Cc:** Cargill, James; HPDE; Husband, John  
**Subject:** RE: Horse Park Drive - Telstra IRE Issues

Thanks Pat,

In terms of Telstra Contractors that are on the IRE approved contractor list we've had a few on site for pit and pipe installation (eg. Mash Communications). My understanding is that the contractors required for the pit construction have to be specialist pit builders (rather than pit and pipe installers). [Name] is in touch with Telstra to progress this further. However, if yourself or John are aware of Telstra completing any specialist pit work then those names would be very handy.

I'll touch base with a few guys in our office who have experienced similar problems with Telstra pits, so I'll try to get a few names from them.

Thanks,

SMEC Australia  
 M

---

**From:** Hancock, Patrick [mailto:Patrick.Hancock@act.gov.au]  
**Sent:** Wednesday, 19 March 2014 8:52 AM  
**To:**  
**Cc:** Cargill, James; HPDE; Husband, John  
**Subject:** RE: Horse Park Drive - Telstra IRE Issues

Is there a list of Telstra Contractors that we can match to our list of IRE approved contractors/subcontractors in the interests of the project??

John, who did the Telstra work at Cotter/Streeton Drive?? Was it Snowmax or NDD (national directional Drilling)??

Patrick Hancock | Senior Procurement Officer  
Phone 02 6207 0219 | Fax 02 6207 5468 | Mobile  
Shared Services Procurement | Commerce and Works | ACT Government  
Level 3, Annex, Macarthur House, 12 Wattle Street Lyneham ACT | [www.act.gov.au](http://www.act.gov.au)

---

**From:** [mailto: @smec.com]  
**Sent:** Tuesday, 18 March 2014 3:47 PM  
**To:** Hancock, Patrick  
**Cc:** Cargill, James; HPDE; Husband, John  
**Subject:** Horse Park Drive - Telstra IRE Issues

Pat,

Please see correspondence below between Telstra and Hewatt regarding the works by Telstra to raise the Telstra Pit at CH40.

Telstra are requesting for an exemption from ACT's IRE Certificate requirements to undertake the works associated with raising the pit. I wouldn't suppose there is any possibility of this, would you?

As the pit is an existing Telstra asset, only Telstra engaged contractors are allowed to complete the works. I believe it is generally a 6 week process to obtain the IRE certificate which will result in the area of shared path and landscaping around the pit being incomplete following the completion of construction.

Regards,

SMEC Australia  
M

---

**From:** [mailto: @hewatt.com.au]  
**Sent:** Tuesday, 18 March 2014 3:21 PM  
**To:**  
**Cc:** HPDE  
**Subject:** FW: Horse Park Drive - Project SR151854-1

Is it worthwhile raising the discussions with Pat / John regarding exemptions?

Thanks

---

**From:** [mailto: @team.telstra.com]  
**Sent:** Tuesday, 18 March 2014 2:39 PM  
**To:**  
**Cc:**  
**Subject:** RE: Horse Park Drive - Project SR151854-1

As Telstra are the asset owner in this matter, it requires an exemption from the IRE until such time as the IRE can be reviewed by Telstra.

Telstra would to proceed on this basis.

Please note that Telstra will not permit anyone outside of Telstra or its contractors empowered by Telstra to alter its network; any works without Telstra involvement may be considered illegal under the criminal code.

Therefore in the event that the works are considered urgent, Telstra require your assistance in seeking this exemption from your client to proceed with the works.

Regards

Project Specialist  
Network Integrity  
L9, 18 Smith Street, Parramatta NSW Australia

Tel.                      Mob.



Call 1100 Before You Dig Network Integrity: Working with the civil construction industry to prevent damage to Telstra's underground assets

This communication may contain confidential or copyright information of Telstra Corporation Limited (ABN 33 051 775 556). If you are not an intended recipient, you must not keep, forward, copy, use, save or rely on this communication, and any such action is unauthorised and prohibited. If you have received this communication in error, please reply to this email to notify the sender of its incorrect delivery, and then delete both it and your reply.

---

**From:**  
**Sent:** Tuesday, 18 March 2014 2:05 PM  
**To:**  
**Cc:**  
**Subject:** RE: Horse Park Drive - Project SR151854-1

At present Telstra is reviewing our approved industry specialists and the process by which to obtain IRE Accreditation, until such time as accreditation is received the Telstra relocation works are unable to proceed.

Telstra will not permit any other contractor/entity outside of its control and processes to modify its assets in any way.

I am referring this to [redacted] the Field Operative for this project and [redacted] both of whom are from Network Integrity Services.

Regards,

Sales Specialist  
Industry Solutions, TE&G  
L23, 320 Pitt Street Sydney NSW 2000 Australia

T                      M

This communication may contain confidential or copyright information of Telstra Corporation Limited (ABN 33 051 775 556). If you are not an intended recipient, you must not keep, forward, copy, use, save or rely on this communication, and any such action is unauthorised and prohibited. If you have received this communication in error, please reply to this email to notify the sender of its incorrect delivery, and then delete both it and your reply.

---

**From:** [mailto: [redacted]@hewatt.com.au]  
**Sent:** Tuesday, 18 March 2014 1:57 PM

**To:**  
**Cc:**  
**Subject:** Horse Park Drive - Project SR151854-1

is no longer working for Hewatt, can you please ensure correspondence is forwarded to myself and as above and below.

If Telstra are unable to carry out the works, can you please advise what options Hewatt have.

Are we able to get our own contractors to carry out the pit works with subsequent approval from Telstra ?  
Do Telstra have any other contractors that can carry out the works ?

Options would be appreciated and we await your response.

Please contact me if required

Regards

Engineering Manager

# HEWATT

PO Box 94 HALL ACT 2618

T | F | M 3  
@hewatt.com.au | www.hewatt.com.au

Communication Honesty Accountability Respect Teamwork

---

This e-mail has been scanned for viruses by Symantec.Cloud.

---

This e-mail has been scanned for viruses by Symantec.Cloud.

-----  
This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.  
-----

---

This e-mail has been scanned for viruses by Symantec.Cloud.

---

This e-mail has been scanned for viruses by Symantec.Cloud.

**Husband, John**

From: [mailto:john.husband@smec.com]  
 Sent: Thursday, 20 March 2014 10:51 AM  
 To: Hancock, Patrick; Husband, John  
 Cc: HPDE; Cargill, James  
 Subject: FW: HPD2 - V38 SMA Changes  
 Attachments: HPD2-V38-AT 19-3-14.pdf

Pat, John,

We have received a Variation Claim from Hewatt for the change to SMA10 and the use of R121 (including a shuttle buggy). I've attached a summary of the variation below.

The variation basically includes a 27% mark up on the SMA14 rate in the BoQ for the use of SMA10, R121 and a shuttle buggy. For a better comparison in terms of asphalt, the increase would be 23% when excluding the use of the shuttle buggy. I will complete a more detailed assessment of the Variation, but this basically gives a number of what we'll be looking at. It is difficult to say if the number would be any less if Section 4 of ACT Specs are used (with the use of a shuttle buggy) as opposed to R121. Although talking briefly to Antony, I don't think it would be much different.

This amount will be subject to our (SSP/EDD/SMEC's) response to queries regarding the R121 spec (sent through via email with my comments yesterday).

| Item     | Description                                     | Qty                  | Unit | Rate (excl GST) | Total (excl GST) |
|----------|---|----------------------|------|-----------------|------------------|
| 405P7.12 | SMA14   | 328                  | t    | \$              |                  |
| VO.38    | SMA10 (incl shuttle buggy and R121)             | 2149.92              | t    | \$              |                  |
|          |   | % Difference in Rate |      |                 |                  |
|          |   | Difference           |      |                 | -\$              |
|          | Adjustment for profit on negative variation ( ) |                      |      |                 | \$               |
|          |   | VO.38 Total (        |      |                 | -\$              |

Regards,

SMEC Australia  
 M

From: [mailto:john.husband@hewatt.com.au]  
 Sent: Wednesday, 19 March 2014 3:34 PM  
 To:  
 Cc: HPDE;  
 Subject: HPD2 - V38 SMA Changes

Please find attached letter with backup information regarding the deduction to the contract price for altering the SMA to 30mm SMA10.

Please contact me if there are any queries.

Thanks

Regards

Engineering Manager

**HEWATT**

PO Box 94 HALL ACT 2618

T | F | M

[@hewatt.com.au](mailto:) | [www.hewatt.com.au](http://www.hewatt.com.au)

Communication **H**onesty **A**ccountability **R**espect **T**eamwork

---

This e-mail has been scanned for viruses by Symantec.Cloud.

---

This e-mail has been scanned for viruses by Symantec.Cloud.



# HEWATT

CIVIL ENGINEERING CONTRACTOR

ABN: 39 120 060 095  
P.O. Box 94  
HALL ACT 2618  
Phone: 02 6227 5694  
Fax: 02 6227 5687  
E-Mail: [info@hewatt.com.au](mailto:info@hewatt.com.au)  
[www.hewatt.com.au](http://www.hewatt.com.au)

Our Ref: HPD2-V38-AT

19 March 2014

The Superintendent's Representative  
SMC Australia Pty Ltd  
Suite 2, Level 1  
243 Northbourne Avenue  
LYNEHAM, ACT, 2602

Attention: Superintendent's Representative

**CONTRACT REF: 2013.21048.110**  
**HORSE PARK DRIVE EXTENSION – BURRUMARRA AVE to MIRRABEI DRIVE**  
**VARIATION 38– Changes to SMA Wearing Course**

Further to receipt of SMC correspondence HPD2-O-0253-L/08.0 regarding changes to the requirements for the SMA wearing course on the Horse Park Drive Extension project, the direction constitutes a variation in accordance with Clauses 40.1(b) and (c) of General Conditions of Contract AS2124 as amended.

In accordance with Clause 40.5 (c) we provide our lump sum deduction to the contract sum of 1 as  
detailed below and in the attached spreadsheet.

Description of amendments

- The revised tonnage of asphalt has been determined from the current agreed area of works with an allowance for 30mm SMA10 with an average density of 2.4t/m<sup>3</sup>.
- Downer have quoted the works based on 30mm course thickness and R121 specification requirements (refer part copy of Downer quotation).
- All allowances for establishment, tolerances, hand work, wastage, Material Transfer Vehicle (MTV/shuttle buggy), specification R121 requirements for testing and ride quality have been incorporated to determine a lump sum value for the works to be completed in accordance with the revised design and specification requirements.
- The original contract value has been determined from the pay item total within the Horse Park Drive 2 contract, plus the allowance for SMA asphalt in V29 – Horse Park Drive 1/2 amendments.
- An appropriate reasonable margin for deductions from the Contract Scope has been included.
- Revised rates take into account recent fluctuations in the price of bitumen and no additional consideration will be required per the descriptions in Part 16 of the Special Conditions of Contract.
- Hewatt are willing to revise the assessment to a lump sum item to avoid any confusion regarding calculation and agreement on quantities as final pavement areas have been agreed as of February 2014 Progress Claim.
- Other clarifications remain as per email to SMC 19/3/14.

We trust the above meets with your approval and await your confirmation of acceptance. Please contact the undersigned should you have any queries or require any additional information.

Regards

Engineering Manager  
Hewatt Pty Ltd



## Quote

Project 8002978, Horse Park Dr Extension Burrumarra Ave to Mirrabell Dr revised  
5/3/14,  
Jacka

Date: 5 MAR 2014  
Project Price:  
GST:  
Total Price:

HEWATT EARTHWORKS PTY LIMITED  
PO BOX 94  
HALL ACT 2618

Phone:  
Fax:

Client Code:

### Section: 1, SPRAY SEALING

| Code       | Description  | Quantity  | Unit  | Rate | Amount | GST | Rate Inc. GST | Amount Inc. GST |
|------------|--|-----------|-------|------|--------|-----|---------------|-----------------|
| PRIME      | Supply and Spray Primer                              | 36,100.00 | LITRE |      |        |     |               |                 |
| 1 COAT SEA | Supply and Spray S45R Binder in 1 Coat Seal          | 300.00    | LITRE |      |        |     |               |                 |
| 1 COAT SEA | Supply and Incorporate 10mm Aggregate in 1 Coat Seal | 3.00      | M3    |      |        |     |               |                 |
| 2 COAT SEA | Supply and Spray C170 Binder in 2 Coat Seal          | 79,500.00 | LITRE |      |        |     |               |                 |
| 2 COAT SEA | Supply and Incorporate 14mm Aggregate in 1st Coat    | 280.00    | M3    |      |        |     |               |                 |
| 2 COAT SEA | Supply and Incorporate 7mm Aggregate in 2nd Coat     | 170.00    | M3    |      |        |     |               |                 |

### Section: 1 Total

### Section: 2, PROFILE, SUPPLY AND PLACE ASPHALT

| Code      | Description                                   | Quantity | Unit  | Rate | Amount | GST | Rate Inc. GST | Amount Inc. GST |
|-----------|---|----------|-------|------|--------|-----|---------------|-----------------|
| PROFILING | Profiling to 200mm depth (including tip fees) | 700.00   | m2    |      |        |     |               |                 |
| ASPHALT   | Supply and Place FGG-R-AR450                  | 330.00   | TONNE |      |        |     |               |                 |
| ASPHALT   | Supply and Place SMA10-HD-A15E                | 2,100.00 | TONNE |      |        |     |               |                 |

### Section: 2 Total

#### Standard Conditions:

##### Standard

1. This is a schedule of rates quotation and is not to be extended to a lump sum. Actual areas to be determined by measurement prior to commencement of the work.
2. Credit terms are:- 30 days for account customers only, unless mutual terms are agreed prior to commencement of work.
3. Written acceptance is required within 30 days from the date of this quotation. If not accepted within 30 days, the quotation lapses and we reserve the right to requote.
4. This quotation is based on normal working hours. Surcharges will apply for Saturday/Sunday/RDO's/Night work or Public Holidays.
5. This price is based on 1 visits to site. Additional visits to site for asphalt at \_\_\_\_\_ per visit plus GST.
6. This price is based on 1 visits to site. Additional visits to site for seal at \_\_\_\_\_ per visit plus GST.
7. This price is based on 1 visits to site. Additional visits to site for prime at \_\_\_\_\_ per visit plus GST.
8. Prices quoted are based on charges for materials, plant, labour, fuel and subcontract provisions at the date of quotation unless stated otherwise. Our current suppliers list price for bitumen is \_\_\_\_\_ per tonne, Downer EDI Works will keep you informed of any movement on this price.
9. This price is based on using AR450, Bitumen Binder surcharge for any PMB's (A10E, A15E, A20E) @ \_\_\_\_\_ per tonne plus GST, surcharge for any MULTIGRADE's (1000/320, 600/170) @ \_\_\_\_\_ per tonne plus GST.
10. Traffic control by others

#### Project Specific Conditions:

1. Downer EDI Works wish to advise that no allowance has been made for picking up sweepings on a primed area. All areas will be swept to each kerb and gutter and picked up by the client, if Downer EDI Works have to pick up sweepings, there will be a surcharge of

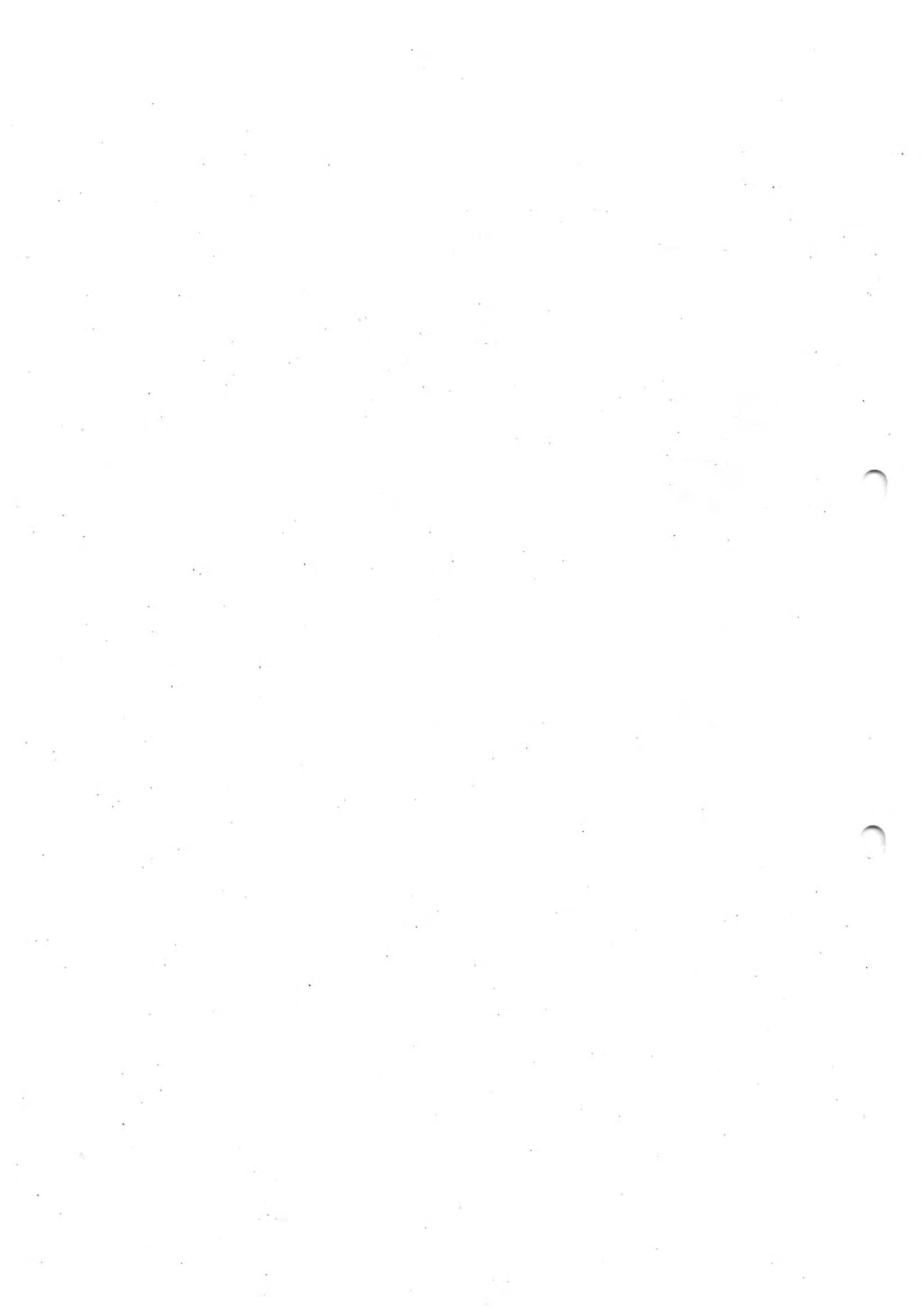
19/03/2014



HORSE PARK DRIVE 2

V38 - ASPHALT WORKS - SMA10

| Item | Description   | Qty      | Unit | Rate | Total |
|------|---|----------|------|------|-------|
|      | Area of asphalt based on approved HPD2 subgrade area (25425) + bridge (235) + HPD1 balance (4200)                 | 29860.00 | m2   |      |       |
|      | Thickness of SMA  | 30.00    | mm   |      |       |
|      | Density   | 2.40     | t/m3 |      |       |
|      | Anticipated total tonnage   | 2149.92  | t    |      |       |
|      | Downer Revised rate   | 2149.92  | t    |      |       |
|      | Allow for tolerance allowance of 50% average of Table R121.7 allowance (ie 50% of 6mm = 3mm or 10% of 30mm layer) | 214.99   | t    |      |       |
|      | Wastage 2%  | 43.00    | t    |      |       |
|      | Establishment   |          |      |      |       |
|      | Shuttle buggy (based on 300t/day)   | 8.00     | day  |      |       |
|      | Ride Testing  | 1.00     | Item |      |       |
|      |   |          |      |      |       |
|      |   |          |      |      |       |
|      |   |          |      |      |       |
|      |   |          |      |      |       |
|      | Original contract (pay item 405P7.12)   | 2800.00  | t    |      |       |
|      | Variation 29 adjustment (HPD1/2 interface)  | 403.00   | t    |      |       |
|      |   |          |      |      |       |
|      |   |          |      |      |       |
|      | Difference between contract scope and revised scope   |          |      |      |       |
|      | Margin recovery on negative variations  |          |      | t    | \$    |
|      |   |          |      |      |       |
|      | <b>GRAND TOTAL</b>  |          |      |      | \$    |



**Husband, John**

**From:** Husband, John  
**Sent:** Thursday, 20 March 2014 12:37 PM  
**To:** McGrath, Michael  
**Subject:** FW: HPD2 - SMA (Changes to Specifications)  
**Attachments:** HPD2 - SMA

Mike

My comments in blue on the use of SMA 10 on HPD2.

**John Husband** | Senior Project Manager  
 Phone 02 6205 2920 | Fax 02 6207 6621 | Mobile  
**Infrastructure and Capital Works** | Economic Development Directorate | **ACT Government**  
 Level 6, TransACT House, 470 Northbourne Ave, Dickson ACT 2602 | GPO Box 158 Canberra ACT 2601 [www.edd.act.gov.au](http://www.edd.act.gov.au)

**From:** [mailto:.....@smec.com]  
**Sent:** Wednesday, 19 March 2014 11:10 AM  
**To:** Husband, John  
**Cc:** Hancock, Patrick; Cargill, James; HPDE; .....@brownconsulting.com.au); HPDE  
**Subject:** FW: HPD2 - SMA (Changes to Specifications)

John,

..... has sent the below email seeking clarification on a number of points regarding the potential change to the R121 Specification for SMA. Please refer to my comments below.

Generally, ..... & Downer are happy to use R121 (given the below queries are sorted out), with the most significant change in cost to be for the use of the shuttlebuggy.

Are you able to provide direction on how EDD wishes to respond to ..... comments?

Given that asphaltting is due to commence on 31 March 2014, a response in the next day or so will be required (so we can pass onto Hewatt). On the other hand, would EDD prefer to persevere with the ACT Standard Specifications (to avoid any complications with the late change to specifications), with a direction that a shuttlebuggy is used for the SMA works?

**Comments:**

1. I have asked ..... to follow this up with HPD1's Superintendent; ..... has been advised that HPD1 is to have SMA10 at 40mm on the remaining section
2. See extract of Section 1.1 of R121 referred to by ..... below. There are a few issues here: JH The extract states that SMA is suitable for high speed but not in high stress locations. The intersections on HPD2 would not be considered high stress, particularly with new suburbs either side that have yet to be built. No issue
  - a. It is difficult to hold the Contractor to the second paragraph for high stress locations, eg. intersections (as R121 specifies SMA should not be used in these locations). Potentially, for these locations on HPD2 we could have a clause stating something like "if requirements in part (a) & (b) are not met within the stated period within **high stress locations**, an assessment will be made at the time and the Contractor may not necessarily be responsible for any required rectifications".
  - b. The section effectively extends the DLP for SMA to 24 months, as opposed to 12 months (currently stated in the Contract). If EDD wish to keep the DLP at 12 months for all works, this time period could be revised to 12 months in an amended specification. JH: DLP for 24 months would be the preferred option- additional cost not known, and what about JGD1D and 2A?