

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 asphalt). 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 2nd 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

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

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

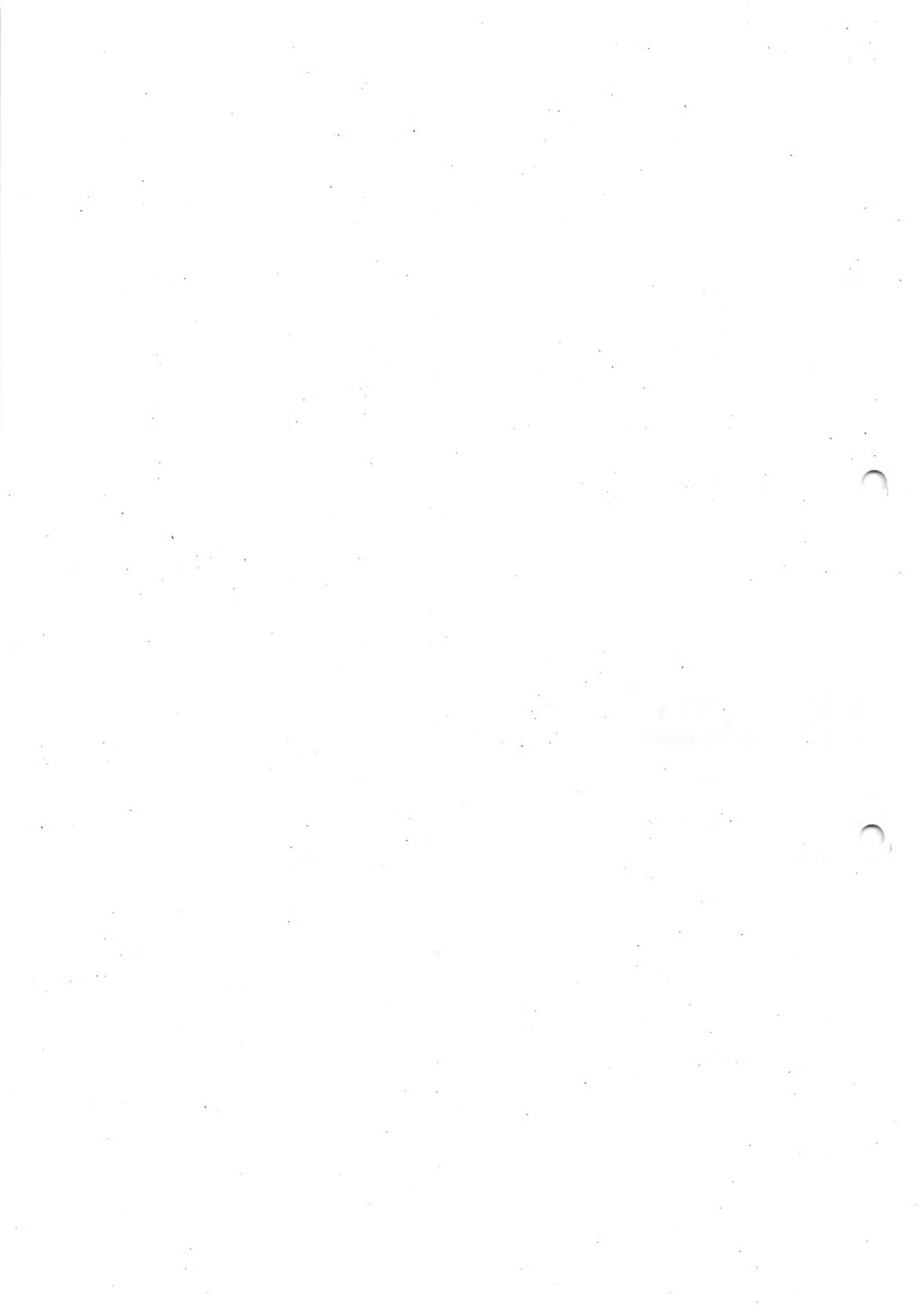
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Husband, John

From: 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)
 Attachments: HPD2 - SMA

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; - Yes.
2. See extract of Section 1.1 of R121 referred to by below. There are a few issues here:
 - 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.
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.
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;
5. 's 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).

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

Regards,

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0.62 - 0.80	2
> 0.80	3

SMEC Australia
M +

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

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- 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. - *Agreed*
- 3) Paragraph 1.3.4 requires submission of a Project Quality Plan. Is this required? - *Yes*
- 4) Paragraph 3.3 - Echelon paving has been left blank in Annexure A. Hewatt/Downer will not be echelon paving - *OK*.
- 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

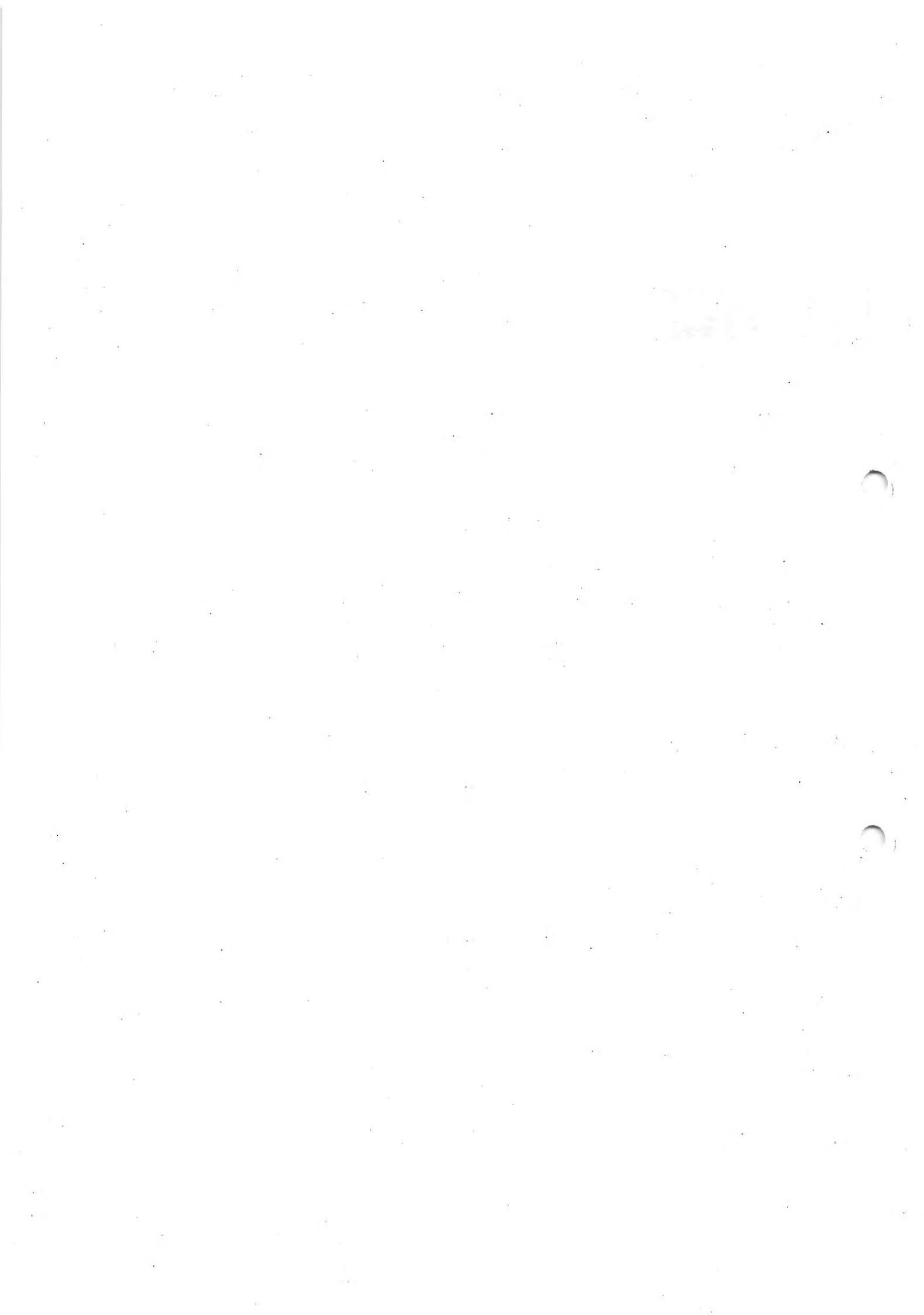
PO Box 94 HALL ACT 2618

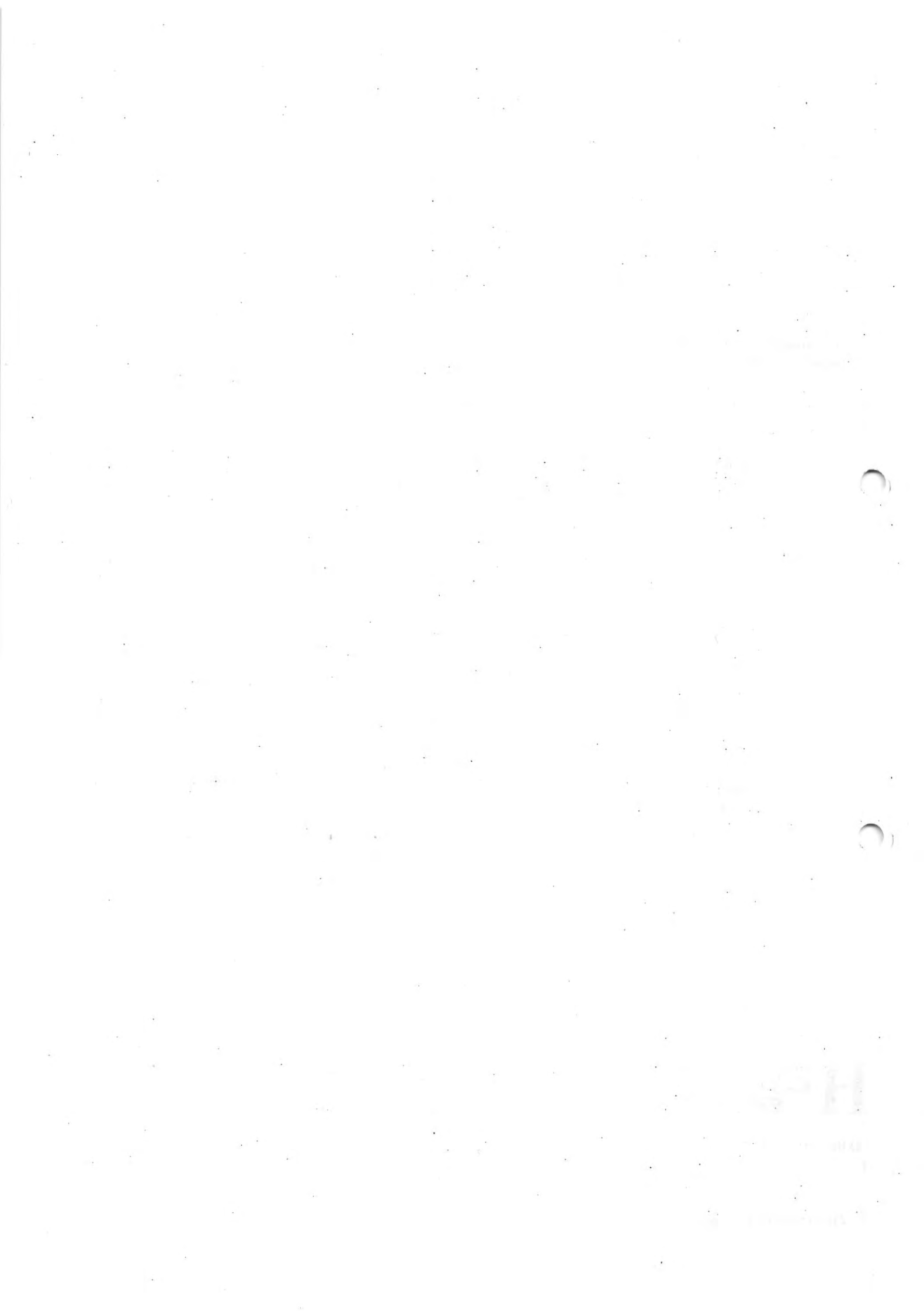
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r@hewatt.com.au | www.hewatt.com.au

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Husband, John

From: Husband, John
Sent: Wednesday, 19 March 2014 9:58 AM
To:
Cc: HPDE; ; Hancock, Patrick; Cargill, James
Subject: RE: HPD2 - Mortared Stone Pitching Conformance Requirements

and Patrick

Please establish a timeline for the submission of these documents, otherwise the date for PC could be compromised.

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

From: [mailto:f@smec.com]
Sent: Tuesday, 18 March 2014 7:50 PM
To: <r@hewatt.com.au> (r@hewatt.com.au)
Cc: HPDE; Hancock, Patrick; Husband, John; Cargill, James
Subject: HPD2 - Mortared Stone Pitching Conformance Requirements

As per discussions on-site this afternoon, could you please submit documentation/records showing that the stone pitching installed along the western embankment conforms to the requirements set out in Section 8 of the ACT Standard Specifications? Records showing conformance to Clause 8.13.1 are of particular interest.

Regards,

SMC Australia
 Suite 2, Level 1, 243 Northbourne Avenue, Lyneham, ACT, 2602, Australia
 f@smec.com | www.smec.com | [LinkedIn](#)

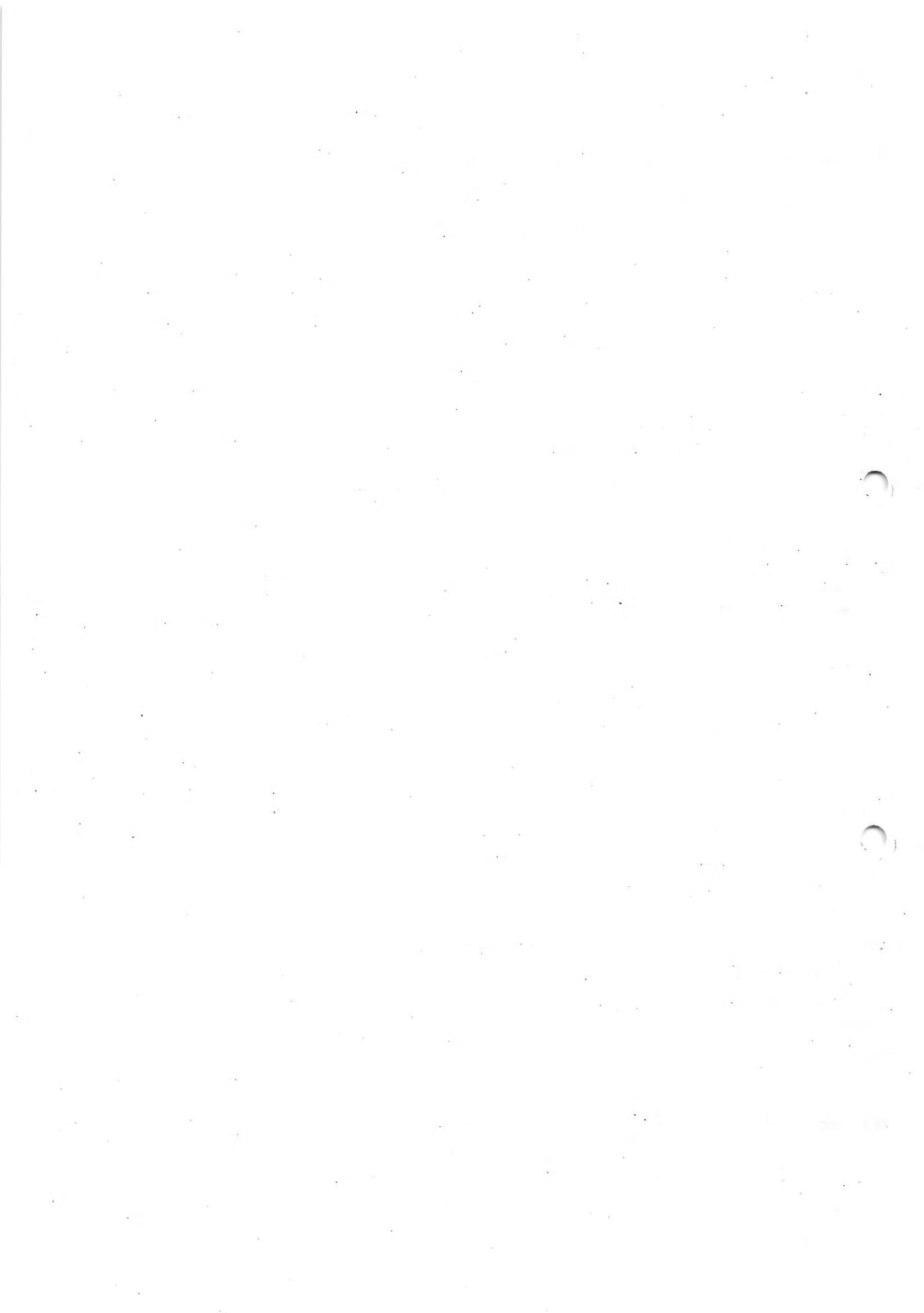
SMC SNOWY MOUNTAINS ENGINEERING CORPORATION

Local People. Global Experience.

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Husband, John

From: 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). [redacted] 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.

[redacted] 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

From: [mailto:Patrick.Hancock@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.



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

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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 anyway.

John 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

[redacted] is no longer working for Hewatt, can you please ensure correspondence is forwarded to myself and [redacted] 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

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r@hewatt.com.au | www.hewatt.com.au

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Husband, John

From: [redacted]@smec.com]
Sent: Monday, 17 March 2014 2:10 PM
To: Hancock, Patrick; Husband, John
Cc: Cargill, James; HPDE;
Subject: FW: Hewatt Representative (HPD2)

Pat, John,

Please see [redacted] email below regarding the change in engineering staff for HPD2 (&HPD1).

This will be a pretty significant change, with effectively a full time engineer no longer on the Project. However, [redacted] involvement with the Project will increase. I'm unsure of [redacted] other workload/commitments at the moment, however I would be assuming they will be reduced so he can spend more time on HPD2.

Regards,

SMEC Australia
M +

From: [mailto:[redacted]@hewatt.com.au]
Sent: Monday, 17 March 2014 2:01 PM
To: [redacted]@brownconsulting.com.au);
([redacted]@brownconsulting.com.au)
Cc: [redacted]@brownconsulting.com.au)
Subject: Hewatt Representative.

All,

[redacted] has finished working with Hewatt from this morning. Please ensure that all correspondence is directed to myself. I will oversee completion of current projects.

- is will include;
- Molonglo
 - Horse Park Drive 1
 - Horse Park Drive 2

Please contact me if there are any queries or concerns regarding this.

Regards

Engineering Manager



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T | F | M |
@hewatt.com.au | www.hewatt.com.au

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Husband, John

From: @smec.com]
Sent: Monday, 17 March 2014 1:48 PM
To: Hancock, Patrick; Husband, John
Cc: HPDE; Cargill, James
Subject: FW: HPD2 - Notification of Potential Delay

Pat, John,

See below notice of potential delay from regarding the stone pitching.

Hopefully, the issue can be resolved in tomorrow's meeting.

Regards,

EC Australia

-----Original Message-----

From: [mailto: @hewatt.com.au]
Sent: Saturday, 15 March 2014 9:01 AM
To:
Cc: HPDE;
Subject: HPD2 - Notification of Potential Delay

Further to discussions in site meeting 7 March and EDD representatives visit to site 11 March in relation to stone pitching, Hewatt have ceased work on the stone pitching to the western batter of the bridge to await further direction.

The current unresolved client comments will delay completion of the stone pitching which is currently an activity critical to completion.

Subject to the outcomes from the meeting arranged for Tuesday, Hewatt will provide additional information and a formal EOT claim following this.

Please contact me if you have any queries regarding this.

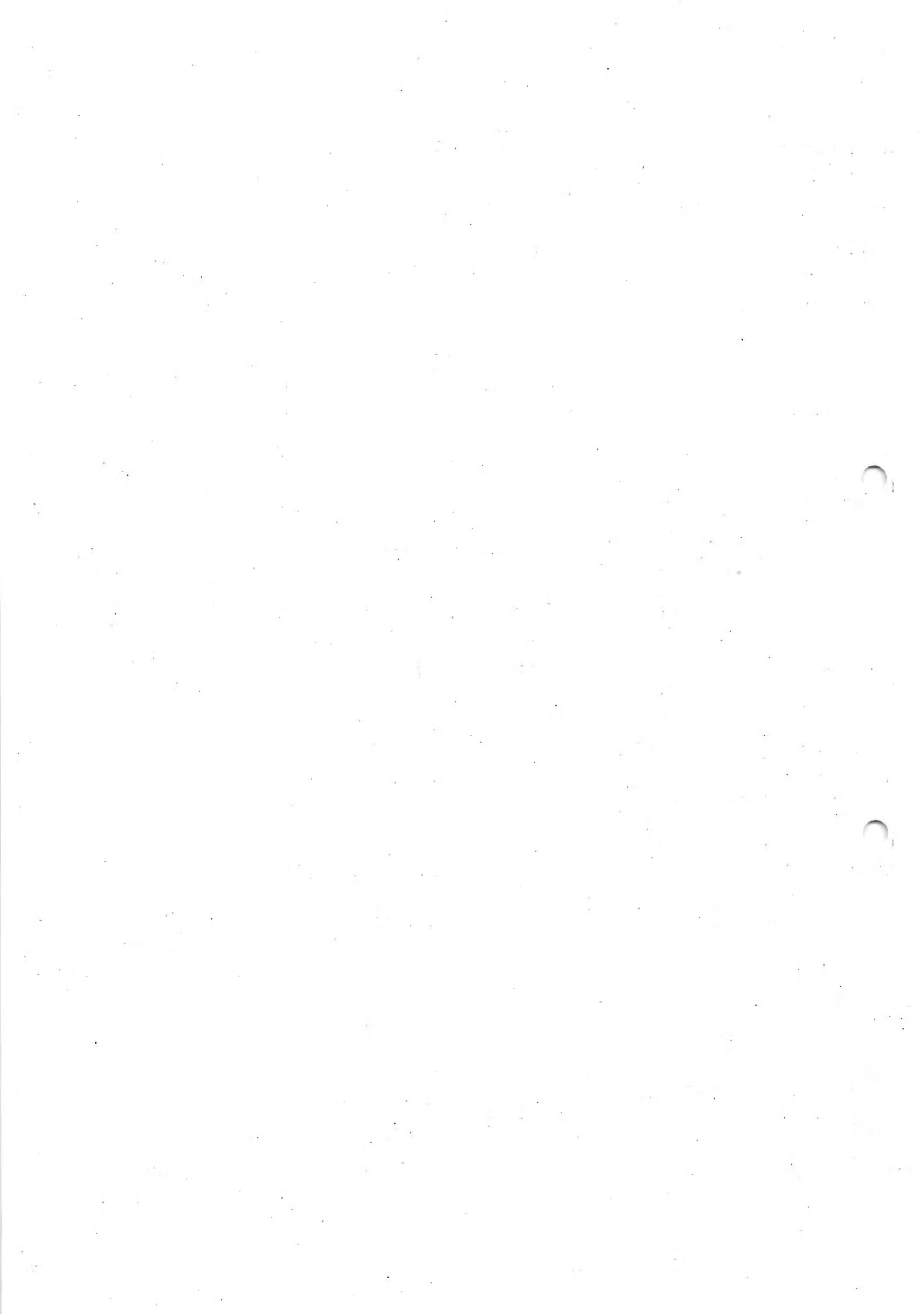
Regards

Hewatt Pty Ltd

Sent from my iPhone

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HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



WEEKLY REPORT FOR WEEK ENDING: 15 March 2014

1. WHS

- a. Site inductions continuing - 206 personnel to date

2. Traffic Management

- a. No changes – site vehicles continuing to use main carriageway for access throughout Project.

3. Design

- a. Confirmation of changes to pavement design (RFI112A) – SMEC has issued a formal letter to Hewatt, including an instruction to install SMA10 at 30mm and a request for their comments on the use of the R121 RMS SMA Specification;
- b. Revised grades of footpaths adjacent to floodway non-conforming (RFI109A/RFI117A) – SMEC has issued a response to the RFI to Hewatt.

4. Construction

- a. DGB base layer placed from CH1380 and Mirrabai Drive stub and intersection to CH650 – 60% Complete;
- b. Cabling of power supply to the street lights continuing;
- c. Shared path preparation of subgrade continuing and the placement DGB material commenced;
- d. Subsoil drain high end and intermediate riser flushing points being installed;
- e. Pointing of stone pitching at western end of floodway completed;
- f. Construction of equestrian/shared path retaining wall commenced;
- g. Pedestrian handrail installation continuing at the bridge, footings completed on western side and formwork on the eastern side of the bridge constructed;
- 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. Kerb construction completed;
- k. Base cover slabs for plantation sumps installed, aprons to be constructed;
- l. Pram ramps in traffic islands commenced;
- m. Topsoiling and landscape activities continuing.

5. Meetings

- a. J. Husband and M. Sergi inspected the stone pitching in the floodway on Tuesday 11/3/14. An additional area was identified and marked up to be removed and replaced. *- Mtg with SSP, Hewatt, SMEC Tuesday-1030*

6. Issues

- a. Raising of Telstra Pit at CH40 – Hewatt plan to get in touch with Telstra to try to push to have the works completed as soon as possible;
- 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 (<1000m3). This is to be confirmed as finished surface levels are finalised;
- c. Interface with Springbank Rise (ISS002) – there are still a few issues to be addressed regarding the interface. A meeting with Lend Lease is being planned for the upcoming week;
- d. Stone-pitching finishes (ISS022) – EDD advised that they were not satisfied with the area of stone pitching that was removed by Hewatt. EDD have



marked up an area they wish to be removed by Hewatt. SMEC, Hewatt and ACT Government will meet on Tuesday 18 March 2014 to discuss.

7. Payments

- a. SMEC has certified an amount of _____ for Payment Claim No. 11 for 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.

8. Activities Planned for the Upcoming Fortnight

- a. Continue placement DGB for base course from CH650 to Burrumarra Avenue CH50;
- b. Complete footing for retaining wall between shared and equestrian paths under the bridge and continue construction of the wall;
- c. Landscape activities to continue across site;
- d. Connection of power supply from ActewAGL's mini-pillars to the streetlights and traffic lights;
- e. Continue with placement of DGB for the base of the shared path;
- f. Construction of pram crossings;
- g. Construct flushing points for sub soil high end and intermediate risers;
- h. Pour concrete foot paths and pedestrian fence footings at the eastern side of the bridge;
- i. Complete mowing strips for decomposed granite area at the bridge approaches;
- j. Continue with concrete infill of traffic islands;
- k. Construction of pram crossings continuing.

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

Photos



Placement of DGB at CH1000



Roller compacting base at CH1080



Preparing the base for decomposed granite around the north west guard rail



Constructing the equestrian/dhared path retaining wall



Suite 2, Level 1
243 Northbourne Avenue
Lyneham Canberra ACT 2602
Telephone +61 2 6234 1900
Facsimile +61 2 6234 1868
www.smec.com

13/03/2014

Hewatt Pty Ltd
PO Box 94
Hall ACT 2618

Our ref: HPD2-O-0253-L / 08.0

Attention: Contractor's Representative

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

Re: Changes to the Specifications and Design of the SMA Wearing Course

As per discussions in the Horse Park Drive Extension – Burrumarra Ave to Mirrabai Dr Project (HPD2) Site Meeting held on Friday 7 March 2014, it can be confirmed that the Stone Mastic Asphalt (SMA) nominal size and the specified course thickness have been changed. The revised design for the SMA Wearing Course to be used for the entire HPD2 Project is specified in Table 1 below.

Table 1: Revised design for SMA Wearing Course for HPD2

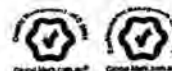
	Nominal Size of Asphalt (mm)	Specified Course Thickness (mm)
Original	14	40
Revised	10	30

It was also discussed at the same Project Site Meeting that it is EDD's preference that the RMS QA Specification R121 - Stone Mastic Asphalt is used for this Project. This specification would cover all aspects associated with the use of SMA on HPD2 as per the defined scope in Section 1.2 of *RMS QA Specification R121*. The R121 Specification will therefore supersede any sections of the *ACT Specification Section 4.0 – Flexible Pavement Construction* and Technical Exception Clauses related to Stone Mastic Asphalt, apart from any Payment Clauses.

A copy of the RMS Specification R121 has been attached to this letter. Please note the Project Specific Requirements set out in Annexure R121/A are specific to the HPD2 Project.

You are requested to review the attached R121 Specification and advise of any cost and time implications. Due to the planned date of commencement of SMA placement, it request that any comments be returned to the Superintendent within 7 days of the date of this letter.

If you have any queries or require any additional information please contact the undersigned.





Submitted for your attention.

Yours sincerely,

Superintendent's Representative

*CC: Patrick Hancock, SSP
John Husband, EDD*

HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



13/03/2014

Hewatt Pty Ltd
PO Box 94
Hall ACT 2618

Our ref: HPD2-O-0253-L / 08.0

Attention:

Contractor's Representative

Contract No: 2013.21048.110

Horse Park Drive Extension – Burrumarra Avenue to Mirrabai Drive

Re: Changes to the Specifications and Design of the SMA Wearing Course

As per discussions in the Horse Park Drive Extension – Burrumarra Ave to Mirrabai Dr Project (HPD2) Site Meeting held on Friday 7 March 2014, it can be confirmed that the Stone Mastic Asphalt (SMA) nominal size and the specified course thickness have been changed. The revised design for the SMA Wearing Course to be used for the entire HPD2 Project is specified in Table 1 below.

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	Nominal Size of Asphalt (mm)	Specified Course Thickness (mm)
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Revised	10	30

It was also discussed within the same Project Site Meeting that it is EDD's preference that the RMS QA Specification R121 - Stone Mastic Asphalt is used for this Project. This specification shall cover all aspects associated with the use of SMA on HPD2 as defined in Section 1.2 of *RMS QA Specification R121*. The R121 Specification will therefore supersede any sections of the *ACT Specification Section 4.0 – Flexible Pavement Construction* related to Stone Mastic Asphalt.

A copy of the RMS Specification R121 has been attached to this letter. Please note the Project Specific Requirements set out in Annexure R121/A are specific to the HPD2 Project.

You are requested to review the attached R121 Specification and advise of any cost and time implications.

If you have any queries or require any additional information please contact the undersigned.

Submitted for your attention.

Yours sincerely,

John Husband
Senior Project Manager
Economic Development Directorate (EDD)

CC: *Patrick Hancock, SSP*
SMEC

Husband, John

From: [redacted]@smec.com
Sent: Tuesday, 11 March 2014 11:19 PM
To: Husband, John
Cc: HPDE; Hancock, Patrick
Subject: 2014 03 11 HPD Stage 2 - Stone Pitching Inspection
Attachments: 11.03.2014 - ISS21 - 1.pdf

John,

Please see attached marked up sketches/images of the stone pitching that was marked up for removal on-site this morning (11 Mar. 14).

We have calculated the area to be removed as approximately 160m².

The quantity claimed to date for Mortared Stone Pitching (Pay Item 803P1) is 1330m² of the 1430m² scheduled (33% complete, refer attached table below). Please note, that this Pay Item will include significant overruns for the increased area of stone pitching (due to the realigned floodway at Casey, additional stone-pitching from the Casey headwall & changes to the stone pitching at HW03). The northern abutment batter is the only stone-pitching yet to be completed, this accounts for approx. 240m².

In terms of assessment for certification in previous claims, the majority of the area would have been considered complete and been certified for payment in previous claims. Note that currently the amount of stone pitching installed on-site is in excess of the quantity Hewatt have claimed to date.

Thanks for your and Michael's time this morning and please let me know if you need any additional information.

Regards,

SMEC Australia
M

Status of Pay Item 803P1 (as at end of Jan 2014) (0m² have been claimed for Feb 2014)

Horse Park Drive Extension Project (Burnumarra Avenue to I

Bill of Quantities

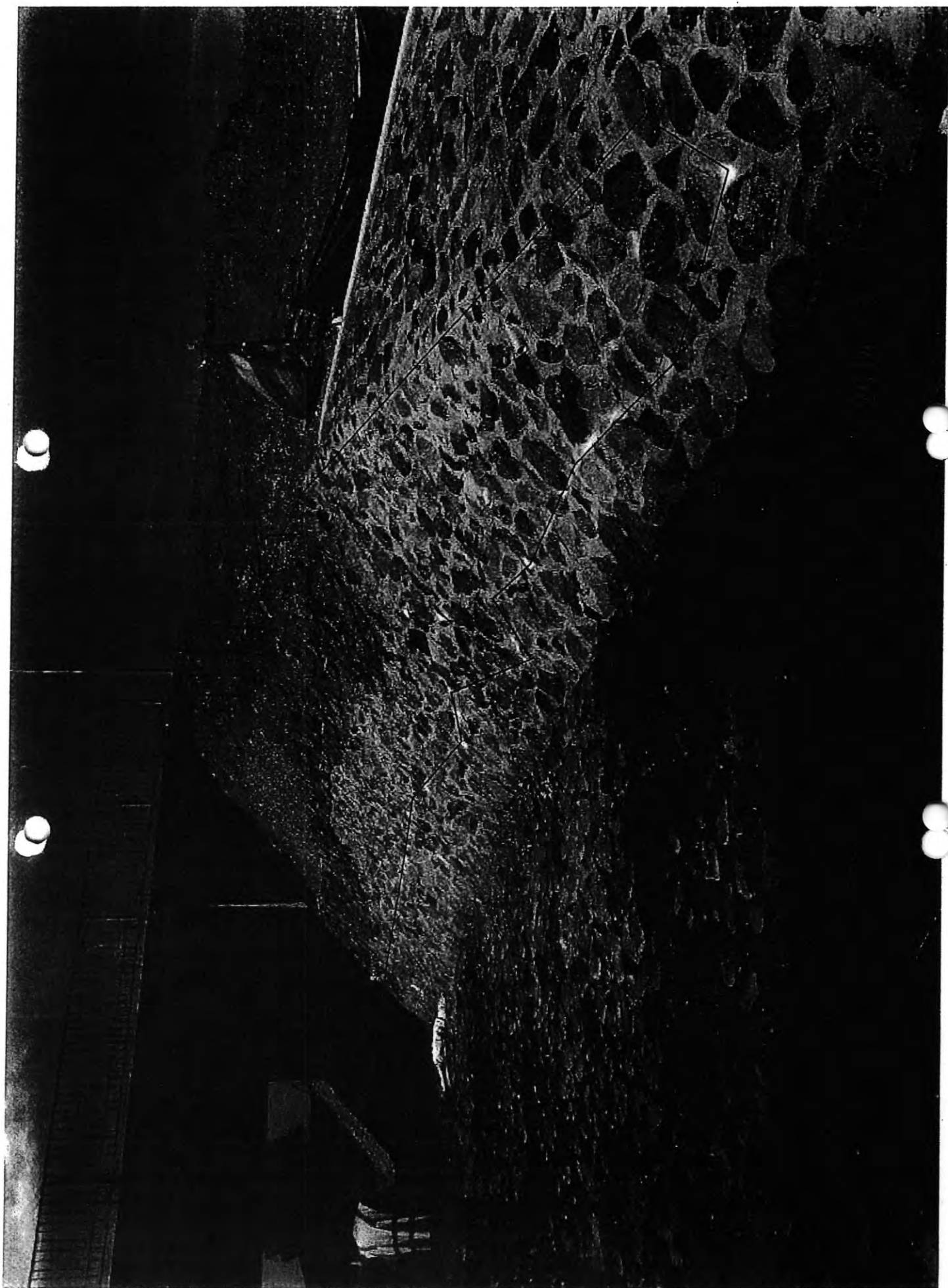
Pay Item	Description	Qty	Original Contract	
			Unit	RATE
8	INCIDENTAL WORKS			
803P1	Mortared Stone Pitching (Includes reinforced concrete bedding slab)	1,430	m ²	

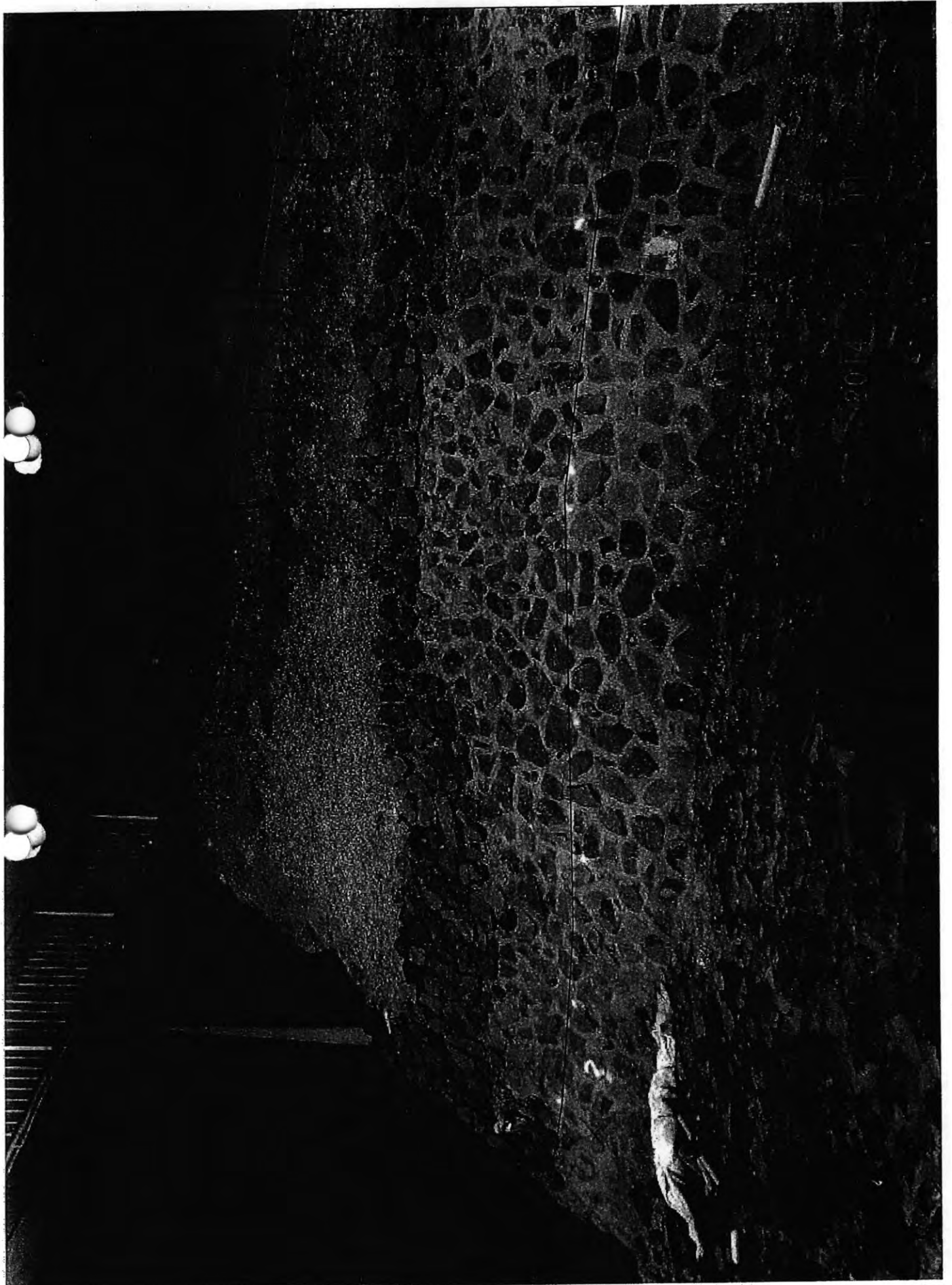
From: Husband, John [mailto:John.Husband@act.gov.au]
Sent: Tuesday, 11 March 2014 1:24 PM
To:
Cc:
Subject: Horse Park drive Stage 2 - Stone Pitching Inspection

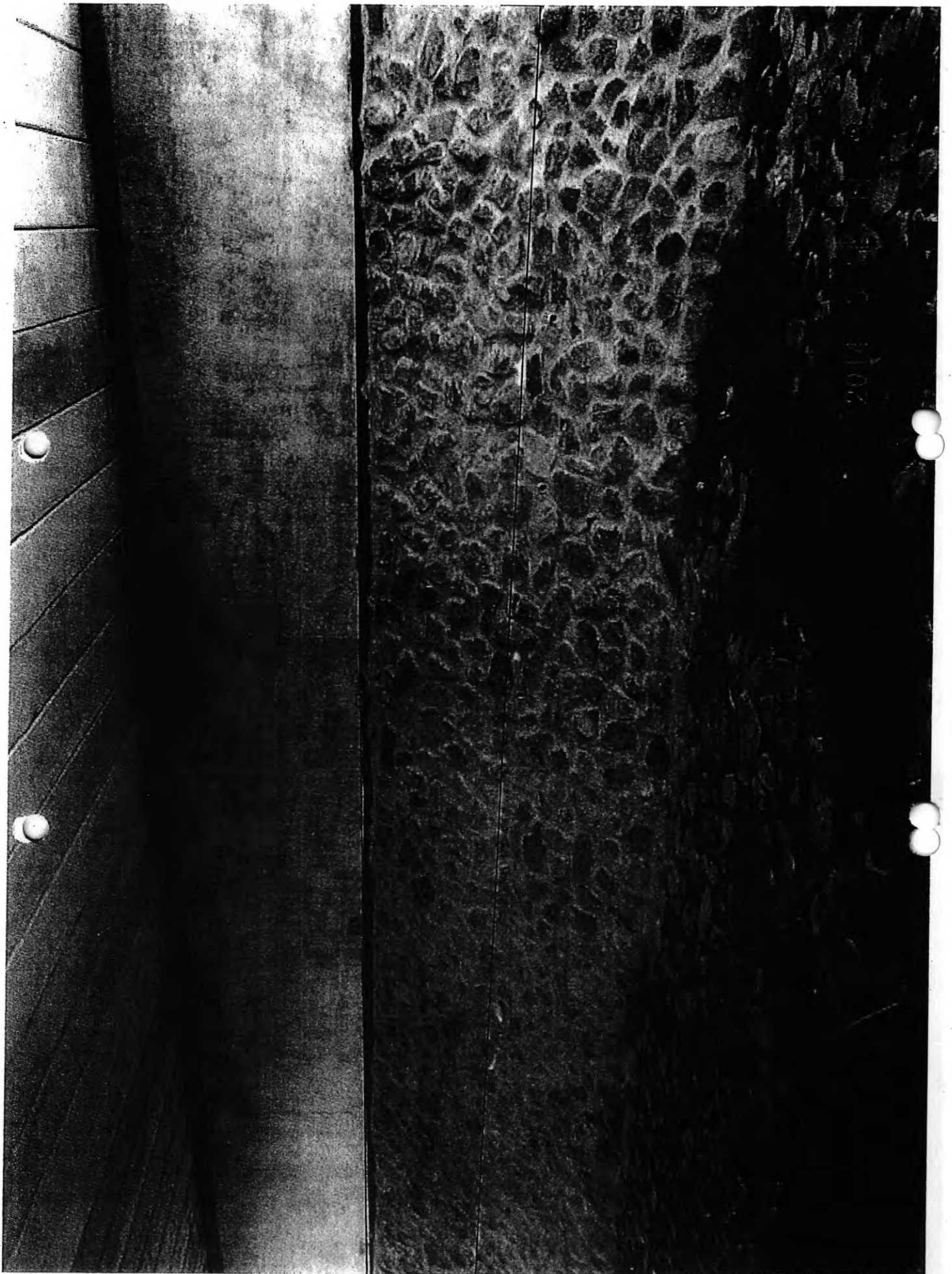
Hi

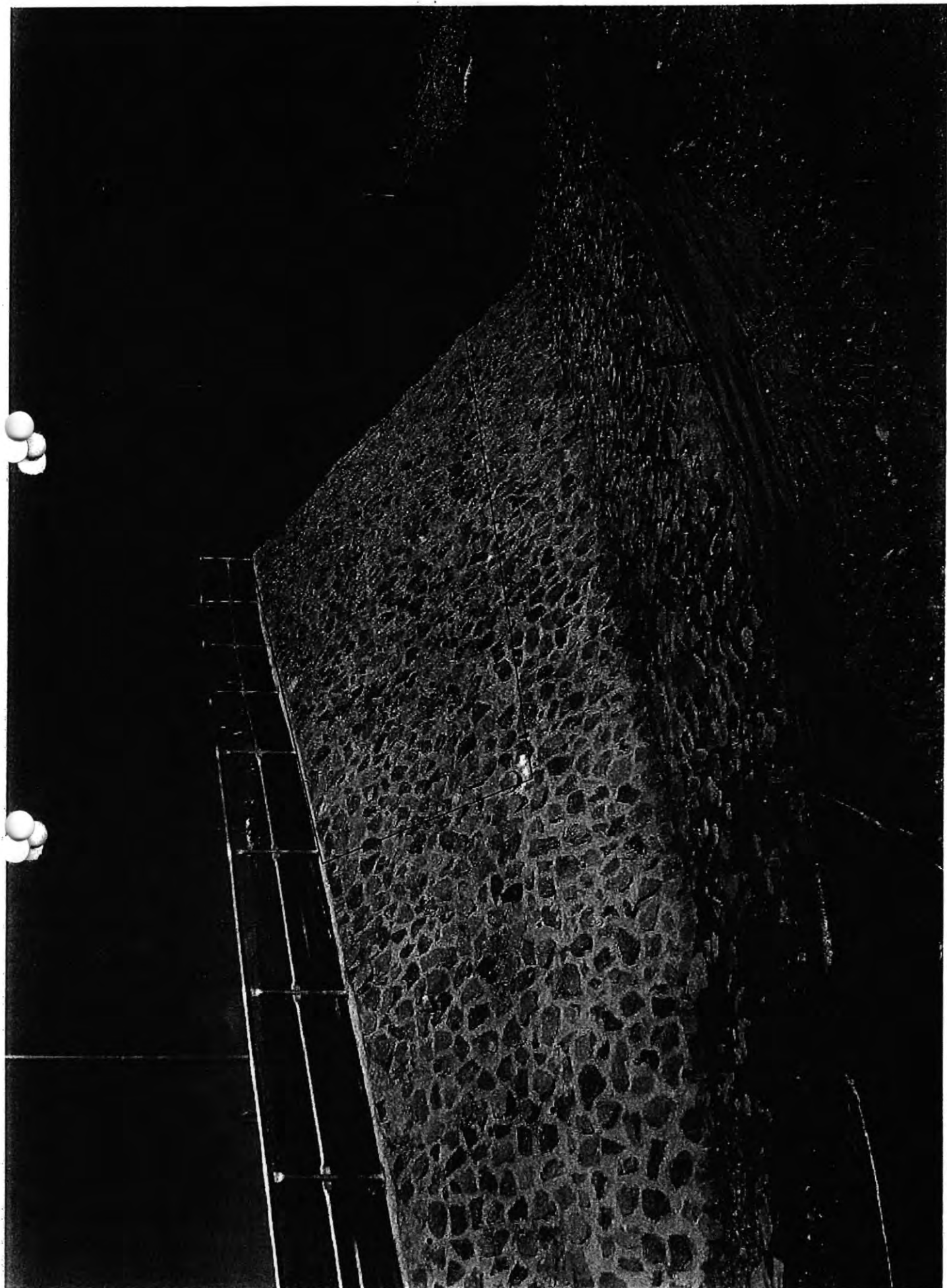
Further to the site meeting this morning, please provide the following information?

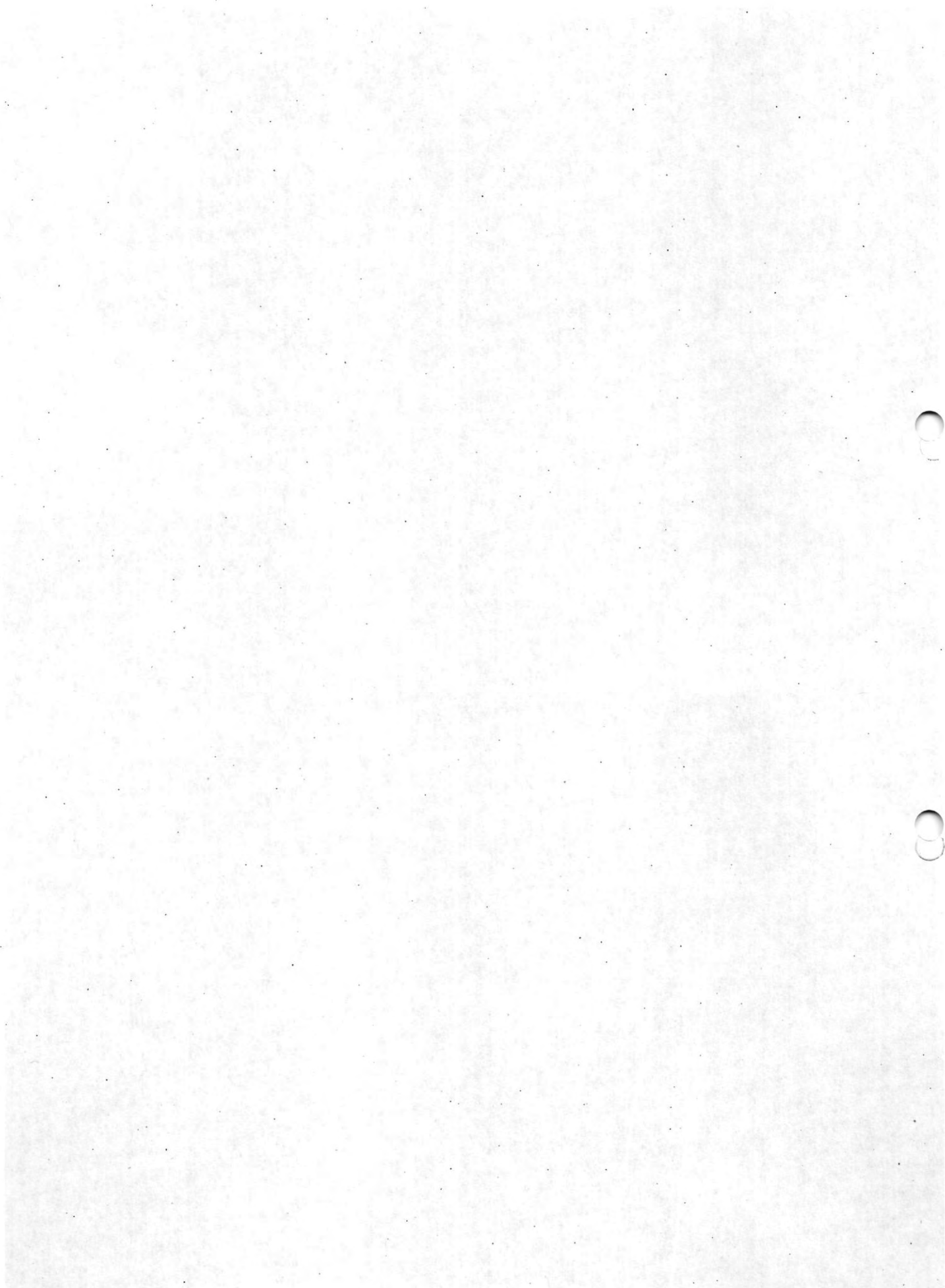
1. the area of stone pitching marked out for removal











HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



ACT

HEWATT



SMEC

WEEKLY REPORT FOR WEEK ENDING: 8 March 2014

1. WHS

1. Site inductions continuing;
2. There was a WHS Incident involving a machine operator having his foot run over by a remote control guardrail post driving machine he was operating. The worker missed 3 days of work as a result of the incident. The incident was not a Notifiable Incident.

2. Traffic Management

1. No changes – site vehicles continuing to use main carriageway for access throughout Project.

3. Design

1. *Raising of Telstra Pit at CH40 (RFI104A)* – Telstra's quote has been accepted by Hewatt. Telstra have engaged a sub-contractor to complete the works;
2. *Confirmation of changes to pavement design (RFI112A)* – it was confirmed in Friday's Site Meeting that SMA10 with a 30mm specified layer thickness was to be constructed for HPD2;
3. *Revised grades of footpaths adjacent to floodway non-conforming (RFI109A/RFI117A)* – Brown has revised the design model again to achieve acceptable grades and cross-falls. The original revision had been produced assuming earthwork levels could not be changed.

4. Construction

1. DGB base layer placed from HPD1 interface to CH1380 and Mirrabai Drive stub and intersection;
2. Street light columns and lanterns installation completed. Cabling of power supply to the street lights to be continuing;
3. Earthworks and setting out of shared path continuing;
4. Subsoil drain high end and intermediate riser flushing points being installed;
5. W-beam guardrail completed;
6. Stone pitching of western end of floodway completed;
7. Pedestrian handrail installation continuing at the bridge; footings completed on western side and commenced on the eastern side of the bridge;
8. Preparation of base and mowing strips for decomposed granite the guard rail at the bridge approaches;
9. Concrete infill in traffic islands continuing;
10. Earthworks and set out for the shared and equestrian paths under the bridge completed and construction of footing for retaining wall 75% complete;
11. Kerb construction completed for carriage way, except for two traffic islands at Road 4;
12. Base cover slabs for R sumps installation – 85 % Complete;
13. Sewer manhole vacuum test completed for S2, S3, S7, S8 and S16;
14. Topsoiling and landscape activities continuing.

5. Meetings

1. Fortnightly Project Site Meeting was held on Friday 7 March 2014.

6. Issues

1. *SMA/Pavement Changes* – confirmation of the revised SMA wearing course details were confirmed in the Fortnightly Site Meeting;
2. *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 (<1000m³). This is to be confirmed as finished surface levels are finalised;
3. *Interface with Springbank Rise (ISS002)* – Lend Lease have bitumen spray mulched over Hewatt's backfilled electrical trench within Springbank Rise, therefore Hewatt will not have to complete these works. There are still a few issues to be addressed regarding the interface. A meeting with Lend Lease is being planned.
4. *Stone-pitching finishes (ISS022)* – EDD advised that they were not satisfied with the area of stone pitching that was removed by Hewatt. EDD have marked up an area they wish to be removed by Hewatt. SMEC will issue a notice to Hewatt.

7. Payments

- a. The Progress Claim for February 2014 has been submitted by Hewatt and is to the value of _____;
- b. SMEC will assess the claim and produce a Payment Certificate.

8. Activities Planned for the Upcoming Fortnight

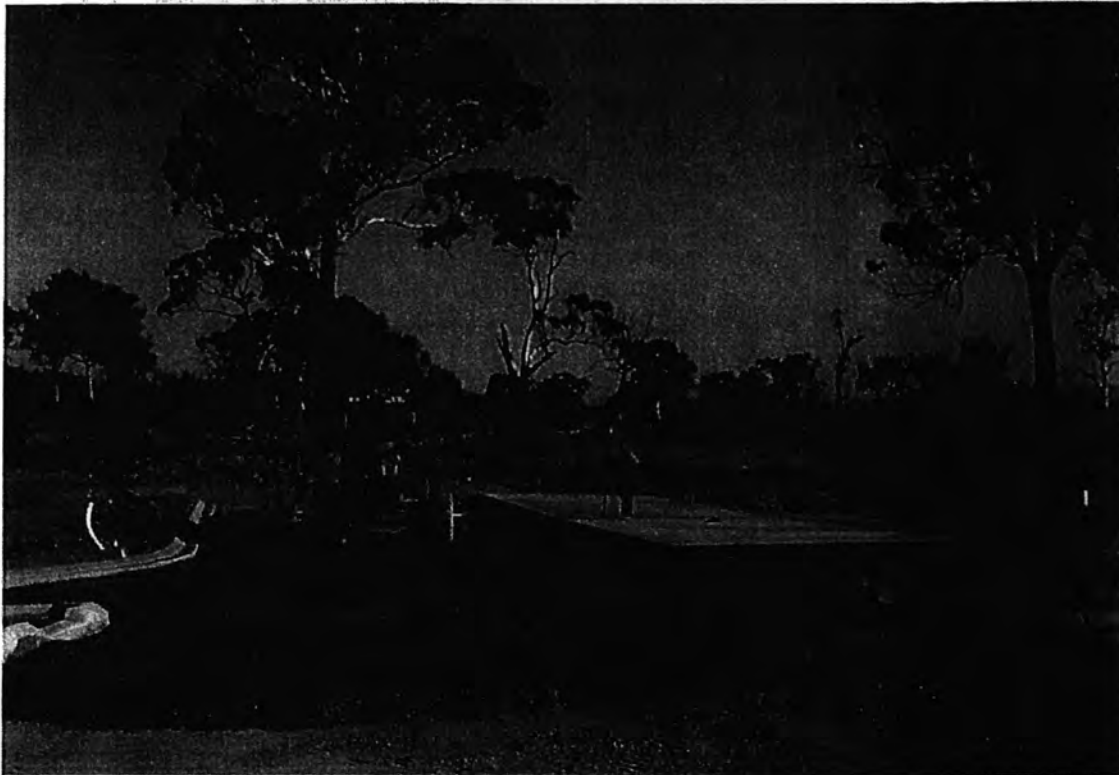
1. Continue placement DGB for base course from CH1380 to Burrumurra Avenue CH50;
2. Complete footing for retaining wall between shared and equestrian paths under the bridge and commence construction of the wall;
3. Landscape activities to continue across site;
4. Connection of power supply from ActewAGL's mini-pillars to the streetlights and traffic lights;
5. Continue with placement of DGB for the base of the shared path ;
6. Complete kerb construction for Road 4 traffic islands;
7. Construct flushing points for sub soil high end and intermediate risers;
8. Commence concrete foot paths and approaches at the bridge;
9. Complete mowing strips for decomposed granite area at the bridge approaches;
10. Continue with concrete infill of traffic islands;
11. Complete installation of pedestrian fence at the bridge.

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

Photos



Driving in guard rail posts at CH520



Placement of DGB at Mirrabai intersection



Placement of DGB on shared path



Concrete footing for stone wall at the shared and equestrian path

Husband, John

From: [redacted]@smec.com]
Sent: Friday, 7 March 2014 4:00 PM
To:
Cc: HPDE; Hancock, Patrick; Husband, John; McGrath, Michael; [redacted]@brownconsulting.com.au
Subject: RE: Horse Park Drive 2 (& HPD1) - Supervision

Thanks for the note

The proposal to replace [redacted] with [redacted] is rejected.

[redacted] has been the supervisor/foreman for Hewatt on HPD2 since commencement of construction in April 2013 and he is largely responsible for the Project's success to date. [redacted] has gained a sound knowledge and understanding on the background and history of the Project and its issues. He has also built strong relationships with all staff on the Project (including internally within Hewatt and also with SMEC/Brown as Superintendents). The time these attributes are needed the most is during the closing stages of the Project.

[redacted] is vital to the successful completion of HPD2 and to lose him in the critical closing stages will be detrimental to the Project. To replace him is seen as a huge risk to both Hewatt and the ACT Government.

The ACT Government supports SMEC's views on the requirement that [redacted] remains as the Supervisor on the Project.

Regards,

SMEC Australia
M

From: [mailto:[redacted]@hewatt.com.au]
Sent: Friday, 7 March 2014 12:10 PM
To:
Cc: HPDE;
Subject: Horse Park Drive 2 - Supervision

As discussed in todays meeting, Hewatt intend changing our supervisor on site for the remainder of works to completion at HPD2.

[redacted] will be moving to another project and [redacted] will replace him. A CV for [redacted] can be provided if requested.

There will be a handover period between the foremen from 12-15 March. Our Operations Manager [redacted] will also assist in overseeing [redacted] on site.

Please let me know if there are any concerns regarding this.

Thanks

Regards

Engineering Manager

HEWATT

PO Box 94 HALL ACT 2618

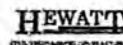
T 0 | F | M |
r@hewatt.com.au | www.hewatt.com.au

Communication Honesty Accountability Respect Teamwork

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



MEETING: SITE MEETING - AGENDA

LOCATION: Project Site Office, Horse Park Drive, Jacka
DATE: Friday, 7 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:

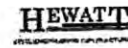
SMEC:

Hewatt:

No.	Item Description	Action									
01.	WHS - <i>Audit 17 March 14 - 1 day only</i>										
02.	Review Previous Minutes / Matters Arising										
03.	Design <ul style="list-style-type: none"> RFIs: 116 submitted; 2 open 										
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 & SP3</td> <td>Civil, Burrumarra Ave – HPD1</td> <td>03 Apr 2014</td> </tr> <tr> <td>SP2 & 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"> EOT Status (14 submitted): 52.5 Days Claimed; 36.5 Days Granted 										
14.	Variations <ul style="list-style-type: none"> Status (including BoQ over/underruns) (Submitted; Endorsed; Certified for payment (as at end of Jan '14) 										
15.	Progress Claims										
16.	Quality Assurance <ul style="list-style-type: none"> HPs: 280 raised; 5 open NCRs: 30 raised (25 Quality; 5 Safety) 										
17.	Working hours and days										
18.	Construction Matters										

19.	Subcontractors	
20.	Next Meeting(s) <ul style="list-style-type: none">• Friday, 21 March 2014 – Site Meeting	
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 February 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"> JH noted that the information included in the Project's WHS Incident Register was being used for EDD WHS Reporting. The information that is currently being provided was commended. An ACT Govt WHS Audit is being organised by the ACT Govt. PH will provide a date for the audit when it has been confirmed. 	<p>17/3/14</p> <p>PH</p>
02.	<p>Review Previous Minutes / Matters Arising</p> <ul style="list-style-type: none"> is preparing a price for the works undertaken by Hewatt to provide electricity to the <u>traffic light and streetlight controllers</u>. All costs will be submitted under a single variation. informed Roads ACT (B. McHugh) about the revised date for PC. JH was going to ask if an opening event or similar was going to be planned by the ACT Govt. <i>- Discussed with Ian DeLardelle</i> 	<p>To be clarified</p> <p>JH</p> <p>* *</p>
03.	<p>Design</p> <ul style="list-style-type: none"> RFIs: 111 submitted; 1 open spoke to Cameron Glassford re: push-button offset requirements. The 0.5m requirement is not in any standards or drawings, it is something that Cameron has required from experiences with the disabled. Roads ACT are looking to include the requirement in a standard drawing. <u>This was responded to in RF1105A</u> The existing Telstra pit that is currently low at the tie-in to Burrumarra Ave is being looked at by Telstra. Telstra are preparing a quote for their sub-contractor to repair the works. This will be claimed under the Telstra Provisional Sum Item. This will be included as an Issue so it can be tracked – it can have the potential to stay within Telstra for a while. Brown are currently reviewing RF1109A regarding the clash between the rock retaining wall footing and the stormwater line beneath the bridge. to check status of RFI. There have been a number of minor RFIs that have been 	<p>RL/TH</p>

10mm SMA
 with
 30mm.
 Confirmed
 by JH.
 - RMS
 Spec
 Shuttle Bus
 - Any issues!

<p>Discussion on G/rail vertical alignment = TRAMS design STD vs RMS vs Austroads</p> <p>① ② ③</p>	<p>responded to throughout February 2014 that have been included in the RFI – Open or This Month register included with the meeting's papers.</p> <ul style="list-style-type: none"> • EDD will meet with Roads ACT to come to a conclusion on the SMA nominal aggregate size and depth to be used for HPD2. JH said a change to SMA10 was likely and the depth of the layer would probably remain at 40mm. JH will provide confirmation mid next week (W/C 24 Feb 2014). <ul style="list-style-type: none"> ○ The depth of the SMA layer is important as it will determine the thickness of base course required to be placed. Placement of base material is likely to commence next week; ○ A mix design will need to be submitted for the SMA prior to paving (programmed for start of March 2014). Cost implications will also need to be agreed prior to placement (Downer have advised Hewatt that SMA10 is more expensive than SMA14). - 30mm deep will raise an RFI requesting confirmation of the SMA nominal size and to confirm seal requirements (prime + 2 coat seal or 2 coat polymer prime seal?). Prime programmed for 13 Mar 2014. • SMEC intends to conduct a walk-through the site in order to help identify any design issues likely to be encountered. SMEC and Brown have planned to meet next week (w/c 24/2/14) on site to review a number of design issues. 	<p>JH</p> <p>SMA 10 - 30mm</p> <p>Walk through</p>									
<p>04.</p>	<p>Site Compound</p> <ul style="list-style-type: none"> • Nil. 										
<p>05.</p> <p>WAE</p> <p>PC - Inspection arranged by ISP.</p>	<p>Program</p> <ul style="list-style-type: none"> • included an updated program with the meeting papers. • There are approximately 6 weeks until PC, with the current program showing completion on 2 April 2014. - Mid April • There is a considerable amount of work to come together, with many of the finishing tasks requiring careful co-ordination with each other (with potential for delays); • noted wet weather during the week did not help progress, and if more wet weather did not hold up progress the 2 April 2014 was achievable. • March 2014 will be a busy month (base material, seal and SMA being placed). 3rd - 11th <table border="1" data-bbox="407 1556 1223 1668"> <thead> <tr> <th colspan="3">Current PC Dates</th> </tr> </thead> <tbody> <tr> <td>SP1 & SP3</td> <td>Civil, Burrumarra Ave - HPD1</td> <td>02 Apr 2014</td> </tr> <tr> <td>SP2 & 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	02 Apr 2014	SP2 & SP4	Landscape, Burrumarra Ave - HPD1	07 Oct 2014	<p>SMA Date 31/3/14 → 1 wk Lim. - w/c → Friday week after</p> <p>DGB - 2000+ per day Approx 8000+ to go.</p>
Current PC Dates											
SP1 & SP3	Civil, Burrumarra Ave - HPD1	02 Apr 2014									
SP2 & SP4	Landscape, Burrumarra Ave - HPD1	07 Oct 2014									
<p>06.</p> <p>Floodway Working Well * Silt from Casey. email to Land lease</p>	<p>Environmental</p> <ul style="list-style-type: none"> • There was a significant rain event on Wed 19 Feb 2014 with approx. 40mm of rain falling (including ~13mm in 15 minutes). There was also 43mm that fell over the weekend 15/16 Feb 2014. In some areas of Canberra, the Wednesday storm was supposedly equivalent to a 1:100yr or 1:20yr rain event. • Lend Lease had been placing topsoil upstream of HPD2 on Wednesday morning and there was a considerable amount of silt and topsoil that washed into and through the HPD2 site. • Generally, the site held up well; • No visits from EPA. ✓ 										
<p>07.</p>	<p>Industrial Relations</p> <ul style="list-style-type: none"> • Nil. ✓ 										

08.	Traffic <ul style="list-style-type: none"> No issues/comments on current traffic management. noted that if a prime is required separate to the 2 coat seal, then a haul road will be required adjacent to the carriageway for construction vehicles between the prime and the 2 coat seal. 	
09.	Community <ul style="list-style-type: none"> informed Lend Lease that the wearing course works around the Burrumarra Ave roundabout would not be completed as part of HPD2 – therefore there would not be significant TTM that would affect Springbank Rise. is currently in correspondence with Lend Lease regarding the topsoiling and bitumen spray mulching for the Lend Lease stockpiles. These stockpiles form part of LL's limit of works which will be handed over to TaMS. LL will have a handover inspection in the near future. directed a cyclist through Ngunnawal who was attempting to access the Bicentennial National Trail through the HPD2 Site. The Public Liaison Register was included in the meeting's papers. ✓ <i>JH to update after discussions with Jan DeL</i> 	
10.	Staffing <ul style="list-style-type: none"> Nil. ✓ <i>Hewatt Flman to be replaced - Not recommended by Client #</i> 	
11.	Utilities <ul style="list-style-type: none"> The water main was pressure tested by ACTEW Water and passed. ACTEW issued an inspection certificate. Sewer vacuum test is scheduled for Tues 25 Feb 2014 with ACTEW. SMEC will inspect stormwater structures and CCTV for HPD2 and will issue a certificate indicating the stormwater has been constructed in accordance with standards and specifications. KP is preparing a WAE drawings and handover schedule. A few forecast dates for completion need updating and Hewatt will then issue to SMEC. 	<i>SMEC</i>
12.	Issues <ul style="list-style-type: none"> Handover is currently being tracked as an issue and has been included in the Issues Register included with the meeting's papers. will add the raising of the Telstra Pit at Burrumarra Ave as an issue such that it can be kept on top of. It is currently with Telstra and has the potential to be stagnant there. 	
13.	EOT <ul style="list-style-type: none"> EOT Status (12 submitted): 51.5 Days Claimed; 35.5 Days Granted Hewatt will submit an EOT Claim for wet weather on Wed 19 Feb 2014. 	
14.	Variations <ul style="list-style-type: none"> Status (including BoQ over/underruns) (excl GST): Submitted; Agreed; Certified for payment (as at end of Jan '14) SMEC has issued responses to Variation Claim letters received from Hewatt. Variations claimed/certified in January 2014 included work undertaken in November and December 2014. 	

* (C)

Telstra pit to be raised (~500mm) - Accept

Sus Steps - Action to provide.

<p>15.</p> <p><i>* New R/Cast Figs Feb</i></p>	<p>Progress Claims</p> <ul style="list-style-type: none"> Hewatt's January 2014 Tax Invoice will be paid on 27th Feb 2014; There are 6 weeks of construction until PC, with just over half the total Contract Value being claimed following the January 2014 Progress Claim; March 2014 progress claim forecast to be 	
<p>16.</p>	<p>Quality Assurance</p> <ul style="list-style-type: none"> HPs: 276 raised; 20 open NCRs: 23 raised (19 Quality; 4 Safety) - <i>System is working</i> has sent over the HPs for the W-beam installation. stressed importance of timely submission Hold Points that provide installation information/requirements, such as W-beam guardrail. 	
<p>17.</p>	<p>Working hours and days</p> <ul style="list-style-type: none"> Canberra Day long weekend is a shutdown weekend from 8 Mar - 11 Mar 2014 (inclusive). <i>RDO - Tues Hewatt</i> 	
<p>18.</p>	<p>Construction Matters</p> <ul style="list-style-type: none"> raised issues with patching of minor cracking of kerbs. The requirements for the rectification methods are unclear, and previous projects have shown a range of different measures applied to a variety of cracks within the kerb. mentioned that cracking in kerbs is potentially a design issue as the contractor completes the works as per the design and specification requirements. This can be dealt with by the Superintendent and the defects list and then at handover, there is the potential for an alternative treatment to be required. noted that at times the cracks need to be dealt with on a case-by-case basis. <ul style="list-style-type: none"> will make enquiries with Asset Acceptance in order to provide clarification on the matter. The area of stone pitching to be replaced is awaiting the return of the stone-pitchers and delivery of additional stone. 	
<p>19.</p>	<p>Subcontractors</p> <ul style="list-style-type: none"> forwarded subcontractor contract with Capital Lines and Signs to SMEC. <i>- EDI Downer contract to be sited</i> 	
<p>20.</p>	<p>Next Meeting(s)</p> <ul style="list-style-type: none"> Friday, 7th March 2014 - Site Meeting 	
<p>21.</p>	<p>Other? <i>2/3/1</i></p> <ul style="list-style-type: none"> JH informed the meeting that MM had organised a bus for EDD/ACT Govt staff to visit a number of the construction sites around the ACT. The bus would not be driving through the site. JH informed that HPD1 had received verbal operational acceptance for the completed separable portions. When confirmed, this would then open up the Jacka Access Road 1 and would allow temporary fencing to be taken down next to Amaroo School. 	<p><i>Note</i></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	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
6	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
7	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
8	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
9	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
10	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.	Operator taken to casualty and Hewatt completed incident report for recording.	Closed

*- Notifications
↳ check notification with Worksafe*

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
100A	Proposal to shift KO to achieve clearance requirements for equestrian & footpaths	5/02/2014	No			Concrete Kerbs, Footpaths and Minor Works	Design Clarification		12/02/2014	Closed
101A	Pedestrian handrail footings on LHS of bridge (past approach slabs)	5/02/2014	Yes	6/02/2014	14/02/2014	Bridge Work	Design Error		17/02/2014	Closed
102A	Combined Usage Pole offset behind kerb	7/02/2014	No			Street Lighting	Construction Alternative		13/02/2014	Closed
104A	Raising of existing Telstra Pit at CH40	10/02/2014	No			Utilities	Other		13/02/2014	Closed
105A	Offset from kerb for push buttons on Traffic Signals	12/02/2014	No			Traffic Signals	Design Clarification		13/02/2014	Closed
106A	Use of SL82 instead of SL81 for PT7 (medians)	14/02/2014	No			Concrete Kerbs, Footpaths and Minor Works	Construction Alternative		17/02/2014	Closed
107A	Requirement for sign post sleeves	14/02/2014	No			Road Furniture	Specification Clarification		17/02/2014	Closed
108A	Additional works associated with the electrical connection to the SLC and TLCC.	14/02/2014	No			Utilities	Other		20/02/2014	Closed
109A	Rock retaining wall footing clash with Stormwater Line B	19/02/2014	Yes	20/02/2014	27/02/2014	Incidental Works	Design Clarification		27/02/2014	Closed
110A	Conflict between guardrail and light poles	19/02/2014	No			Road Furniture	Design Error		20/02/2014	Closed
111A	Confirmation of drainage backfill requirements behind stone-pitched retaining wall	20/02/2014	No			Incidental Works	Construction Alternative		20/02/2014	Closed
112A	Confirmation of changes to pavement design	21/02/2014				Pavement	Design Clarification			Open
113A	G4 barrier posts placement into rock	21/02/2014	No			Road Furniture	Construction Alternative		24/02/2014	Closed
114A	Clarification on Weakened Plane Joints	26/02/2014	No			Concrete Kerbs, Footpaths and Minor Works	Specification Clarification		27/02/2014	Closed

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 RF1109A	6/03/2014	Yes	6/03/2014		Concrete Kerbs, Footpaths and Minor Works	Design Clarification			Open
Total = 17										

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	28/09/2014	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)	Forecasted Date for Practical Completion				Date Hewatt Advised	Status
							SP1	SP2	SP3	SP4		
11	22/01/2014		Incllement 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		Incllement 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
TOTALS					52.5	36.5						



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. 1. Locations of stockpiles 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 to construct the pavement structure for a 30mm SMA wearing course. Details of SMA wearing course to be used to be confirmed.	Open	SMA to be used - RMS Spec
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.	Open	- Accept quote - Program ASAP

Stone Pitching
under Bridge

Area to be inspected
and confirmed



PUBLIC LIAISON REGISTER - ALL

Liaison No.	Date Raised	Liaison Initiator	Person Contacted	Location	Description	Date Actioned	Action Taken	Status	Comment
1	29/04/2013	(SMC)	(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		(Land Lease - Springbank Rise)	CH0-450	Project Interface Meeting held at SMEC Offices to discuss potential interface issues between the Land 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	
6	12/06/2013		John Husband	Email	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		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		(Land Lease - Springbank Rise)	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				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, 7 March 2014

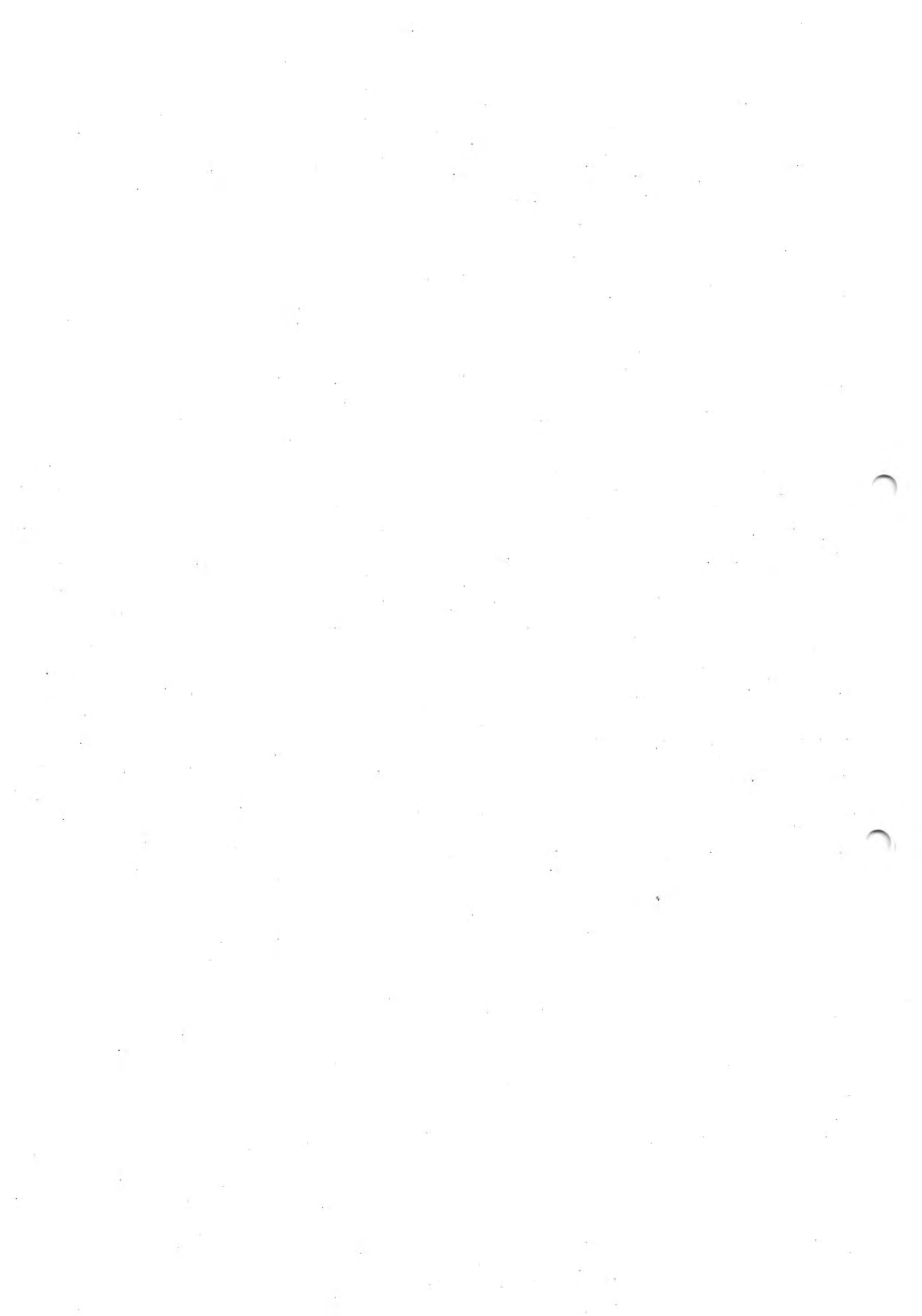
Page 1 of 3

Liaison No.	Date Raised	Liaison Initiator	Person Contacted	Location	Description	Date Actioned	Action Taken	Status	Comment
11	5/08/2013		John Husband		Meeting with 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)	Email	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 Jacks/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 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	19/09/2013			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 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.	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, 7 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	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	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 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 Mirrabai Dr.	20/02/2014	& directed him through Ngunnawal to get to Mirrabai Dr.	Closed	



HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEL DRIVE



MEETING: SITE MEETING - MINUTES

LOCATION: Project Site Office, Horse Park Drive, Jacka
DATE: Friday, 7 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:

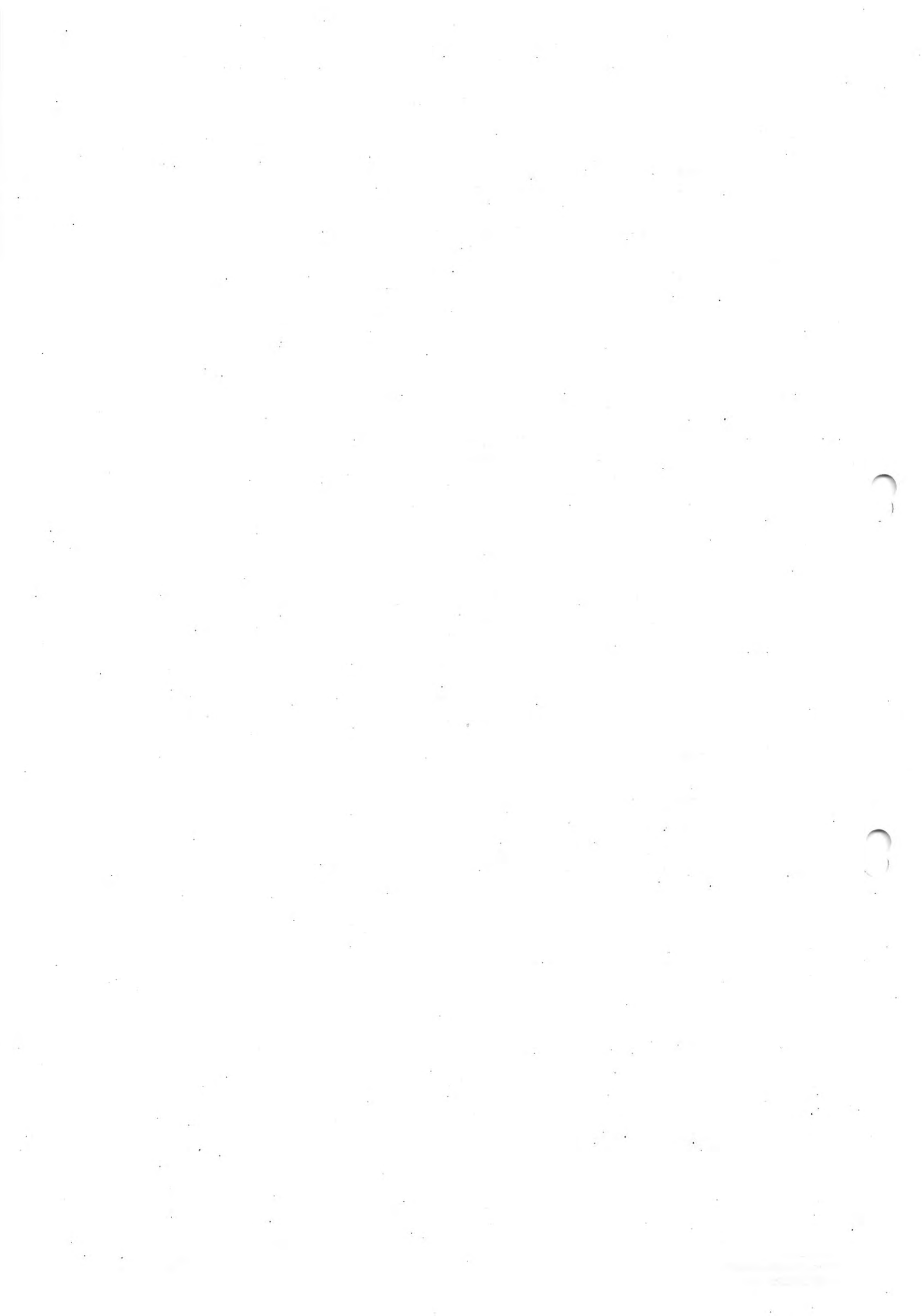
No.	Item Description	Action
01.	<p>WHS</p> <ul style="list-style-type: none"> There has been a single incident since the last meeting involving the W-beam post driving machine operator running over his foot with the remote controlled tracked machine. Hewatt completed a Hewatt Incident Form for the incident. MM asked whether the incident was a "Notifiable Incident" and needed to be reported to WorkSafe. A date for the follow up ACT Government WHS Audit has been confirmed for <u>Monday 17 March 2014</u>. It is likely the follow up audit will only be a single day. MM will be an apology. 	
02.	<p>Review Previous Minutes / Matters Arising</p> <ul style="list-style-type: none"> has submitted a price for works undertaken by Hewatt to provide electricity to the traffic light and streetlight controllers. SMEC is currently assessing the claim. JH will ask EDD communications if an opening event is going to be held for HPD1&2. 	<p>JH - Minister has shown interest - Dates to be confirmed</p>
03.	<p>Design</p> <ul style="list-style-type: none"> RFIs: 116 submitted; 2 open noted that SMEC and the designers from Brown met on-site last week to discuss a number of design issues. The purpose of the site visit was to resolve any design issues as soon as possible to avoid having delays in construction. SMEC issued minutes and Brown actioned their items. Responses from the designer were received promptly. A revised 12D design model was issued by Brown. The on-site meeting was valuable. SMEC issued a response to RF1109A which formed part of the response to the walk-through with Brown. A follow up RF117A has been submitted by Hewatt to confirm levels and grades of realigned path. SMA design and specification changes: <ul style="list-style-type: none"> JH confirmed that the design of the SMA wearing course layer has been changed to SMA10 with a 30mm 	<p>/Brown</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"> ○ 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). ○ confirmed that the spray seal & prime to be used for the project will be as shown in the design. stressed the importance of Hewatt submitting the HPs for the design of the spray seal & prime to be used for the works. SMEC will need to approve these prior to works taking place. <u>Particular attention will be on the content of cutter oils to be used.</u> ○ 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. ● Offset of W-beam guardrail behind the kerb <ul style="list-style-type: none"> ○ 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. ○ 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 >70kph) to avoid 'minor nuisance vehicle impacts' with the overhang of the car before the wheels have hit the kerb. ○ MM added that this question may be asked by Asset Acceptance during handover. ● 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. ● 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. ● 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 & HPD2. JH will respond accordingly. 	JH
04.	<p>Site Compound</p> <ul style="list-style-type: none"> ● The site compound will be looking to be removed mid-April 2014 	

05.	<p>Program</p> <ul style="list-style-type: none"> SMA has been pushed back to commence on <u>31 March 2014</u>. Current programme showing commencement on 19 March 2014 (taking 8 days to complete). 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. 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. <table border="1" data-bbox="370 595 1157 712"> <thead> <tr> <th colspan="3">Current PC Dates</th> </tr> </thead> <tbody> <tr> <td>SP1 & SP3</td> <td>Civil, Burrumarra Ave – HPD1</td> <td>03 Apr 2014</td> </tr> <tr> <td>SP2 & 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"> 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. 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). There have been no visits from the EPA. 	Hewatt									
07.	<p>Industrial Relations</p> <ul style="list-style-type: none"> Telstra need to be informed early that their subcontractor completing the pit replacement work needs to have necessary ACT IRE Certification. 	/Hewatt									
08.	<p>Traffic</p> <ul style="list-style-type: none"> 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. 	PH									
09.	<p>Community</p> <ul style="list-style-type: none"> <u>As noted in Item No. 2, JH will liaise with EDD Communications section regarding potential opening event for HPD1/2.</u> 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). 										
10.	<p>Staffing</p> <ul style="list-style-type: none"> 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 Blake's replacement. <ul style="list-style-type: none"> <u>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.</u> 										

11.	<p>Utilities</p> <ul style="list-style-type: none"> 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. to send MM email regarding stormwater handover procedures (the Contract is not up-to-date with respect to this issue). Water Mains: <ul style="list-style-type: none"> Hewatt have received and paid ACTEW Water's quote for connection of HPD2 water main to existing network. Draft WAE drawings have been produced and SMEC will review, prior to forwarding to ACTEW Water. 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. 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. 	SMEC PH/
12.	<p>Issues</p> <ul style="list-style-type: none"> MM noted that the stone pitching that is currently being replaced was not enough. SMEC & EDD will meet following the meeting to discuss. Handover and WAE for PC (Issue No. 19): <ul style="list-style-type: none"> will follow up kerb cracks issues with Asset Acceptance; SMEC are aiming to have the first revision of the Defects Register issued by the end of next week (Week ending 14/3/14) 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. Springbank Rise Interface (Issue No. 2) was covered in Item 09. Community. Changes to SMA design (Issue No. 18) was covered in Item 03. Design Existing Telstra Pit to be raised at CH40 (Issue No. 20) was covered in Item 11. Utilities. 	SMEC/EDD Hewatt
13.	<p>EOT</p> <ul style="list-style-type: none"> EOT Status (14 submitted): 52.5 Days Claimed; 36.5 Days Granted EOT No. 14 was submitted by Hewatt for 0.5 day wet weather. 	
14.	<p>Variations</p> <ul style="list-style-type: none"> Status (including BoQ over/underruns) Submitted; Endorsed; Certified for payment (as at end of Jan '14) MM commended the way that Variations have been promptly dealt with by both the Superintendent and the Contractor. Approx will be claimed in Variations for the Feb 2014 Claim. SMEC is currently assessing a number of these Variations. 	

15.	<p>Progress Claims</p> <ul style="list-style-type: none"> The Progress Claim for February 2014 is looking at being - Formal claim to be submitted by Hewatt 	
16.	<p>Quality Assurance</p> <ul style="list-style-type: none"> HPs: 280 raised; 5 open NCRs: 30 raised (25 Quality; 5 Safety) SMEC are awaiting some information on a few Hold Points and NCRs Hewatt have submitted 5 NCRs since the last meeting. noted this shows that Hewatt's QA system is working. 	
17.	<p>Working hours and days</p> <ul style="list-style-type: none"> 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). 	
18.	<p>Construction Matters</p> <ul style="list-style-type: none"> Post-Meeting Note: 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> Post-Meeting Note: <u>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.</u> 	JH
19.	<p>Subcontractors</p> <ul style="list-style-type: none"> Downer will be subcontracted to complete the asphaltting works for the Project. Hewatt will forward the subcontract with Downer to SMEC. 	Hewatt
20.	<p>Next Meeting(s)</p> <ul style="list-style-type: none"> Friday, 21 March 2014 – Site Meeting 	
21.	Other?	



HEWATT

CIVIL ENGINEERING CONTRACTOR

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

Our Ref: HPD2-VO29-SS

6 March 2014

The Superintendent's Representative
SMEC 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 29 – Items missing from original bill of quantities

Dear

We hereby submit our variation claim in accordance with Clause 40.1 (d) of AS2124 amended for those items on the attached spreadsheet identified as missing from the bill of quantities.

In accordance with Clause 40.5 (c) we provide a price of

The rates on the attached spreadsheet are GST exclusive

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

Regards

Senior Project Engineer
Hewatt Pty Ltd



P.O. Box 94
HALL ACT 2618
Phone: 02 6227 5694
Fax: 02 6227 5687

PTY LTD ABN 39 120 060 095

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INTERFACE BETWEEN HORSE PARK DRIVE STAGES 1 and 2

Horse Park Drive 1

Construct all earthworks to underside of pavement including select. Earthwork items are Provisional Quantities.

Construct all inground services including sewer, stormwater (complete to date), subsoils and shared trench (future)

Construct shared path on LHS verge

Construct all landscaping on LHS verge and RHS verge to CH 1090 including topsoil, seeding, mulching and planting

Attached drawing C08096.1-026 (HPD1) details areas

Cost adjustments;

- Deletion of redundant work
- Deletion of pavement works to be reallocated to HPD2

Horse Park Drive 2

Construct all earthworks to extend HPD1 earthworks. Earthwork items are Provisional Quantities

Construct pavements to HPD2 design

Connect to shared trench and shared path at Ch 1580 RHS (HPD2) / Ch 1280 LHS (HPD1)

Construct landscaping from extents of HPD1 completion

Cost adjustments

- Deletion of demolition work
- Incorporation of pavement works reallocated from HPD1

TABLE 1 - REDUNDANT WORKS BETWEEN HORSE PARK DRIVE STAGES 1 and 2

5-Sep-13

Pay Item	Description	Unit	Qty	HPD1		Comments
				Rate	Amount	
2.00	EARTHWORKS					
204P4	Removal of Kerb	m	470			HPD1 RHS Ch 990 - 1330, LHS Ch 1280 - 1330, turnaround - 80. Total = 340 + 50 + 80 = 470m
204P10.1	Removal of Asphalt up to 400mm thick	m2	680			Strip from Ch1280 to end of HPD1 and turnaround. $40 \times 2 = 80 + 570 (t/a) + 30 (FGG \text{ footpath}) = 680m^2$
205P1	Removal and Stockpiling Topsoil					Changes covered by Provisional Quantity measurement
205P2	General Earthworks					Changes covered by Provisional Quantity measurement
207P1	Preparation of Fill Subgrade					Changes covered by Provisional Quantity measurement
3.00	UNDERGROUND SERVICES					
306P1	Subsoil Drains					
306P1.2	Class 1000	m	490			Meterage calculation per 204P4 above + 20m for 2 outlets
306P3	High End Riser	No.	4			
306P4.2	Subsoil Drain headwall	No.	2			
306P5	Intermediate Risers	No.	2			
4.00	FLEXIBLE PAVEMENT CONSTRUCTION					
403P1.1	Base - Traffic Category 1	m3	114			Area of turnaround not required = $570m^2 \times 200mm \text{ thick} = 114m^3$
403P1.6	Base - Cycleway	m3	3			30m2 footpath
403P2.1	SubBase - Traffic Category 1	m3	114			As per 403P1.1
403P3.5	Select - CBR 6					Changes covered by Provisional Quantity measurement
403P4	Match to Existing	m	340			HPD1 RHS Ch 990 - 1330 = 340m
404P1.1	Supply and Spray prime - AMC00	litre	850			570m2 at 1.5l/m2
404P2	Supply and Spray binder - Class 170	litre	1995			570m2 at 3.5l/m2
404P6.2	Aggregate - 7mm aggregate (precoated)	m3	5			Volume pro-rata from prime and binder items
404P6.4	Aggregate - 14mm aggregate (precoated)	m3	8			Volume pro-rata from prime and binder items
405P7.12	SMA-H 14mm Nominal Size	t	54			$570m^2 \times 40mm \times 2.4t/m^3 = 54t$
405P11.3	FFG-R Wearing Course	t	2			$30m^2 \times 30mm \times 2.4t/m^3 = 2t$
6.00	CONCRETE KERBS, FOOTPATHS & MINOR WORKS					
603P1.11	Special Flush Kerb - Type SFK	m	470			Measurement as per 204P4
8.00	INCIDENTAL WORKS					

TABLE 2 - PAVEMENT WORKS AFFECTED BY INTERFACE OF HORSE PARK DRIVE STAGES 1 and 2

Pay Item	Description	Unit	Quantity	HPD1		Comments
				Rate	Amount	
4.00	FLEXIBLE PAVEMENT CONSTRUCTION					
403P1.1	Base - Traffic Category 1	m3	840			Survey reports indicate the affected area of pavement in HPD1 is 4200m2
403P2.1	SubBase - Traffic Category 1	m3	840			4200m2 x 200mm thick = 840m3
403P3.5	Select - CBR 6					4200m2 x 200mm thick = 840m3
404P1.1	Supply and Spray prime - AMC00	litre	6250			Select not affected as select placed under either contract as a PQ as per the Pay item schedule
404P2	Supply and Spray binder - Class 170	litre	14600			
404P6.2	Aggregate - 7mm aggregate (precoated)	m3	37			
404P6.4	Aggregate - 14mm aggregate (precoated)	m3	64			
405P7.12	SMA-H 14mm Nominal Size	t	403			4200 x 0.04 x 2.4 = 403t
603P1.11	Special Flush Kerb - Type SFK	m	290			LHS Ch 990 - 1280 = 290m
Totals (ex GST)						

TABLE 3 - PROPOSED CONTRACT AMENDMENTS

Pay Item	Description	HPD1		Comments
		Amount		
	Decrease in Scope of Works			Works no longer required
	Removal from Scope of Works			Pavement removed from HPD1 scope
	Addition to Scope fo Works			Pavement reallocated into HPD2 scope
	Sub Total			

Nett saving to overall combined projects =

HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



WEEKLY REPORT FOR WEEK ENDING: 1 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.

3. Design

- a. *Raising of Telstra Pit at CH40 (RFI104A)* – Telstra are preparing a quote for approval;
- b. *Rock retaining wall footing clash with Stormwater Line B (RFI109A)* – the retaining wall termination details are being reviewed by Brown;
- c. *Confirmation of changes to pavement design (RFI112A)* – Hewatt have requested that the design of the SMA layer and the prime/spray seal be confirmed; SMA10
-30mm
Thick
Yes - pending
- d. *Site visit from Brown Consulting* – SMEC and Brown carried out a site walk through during the week to resolve a number of design issues on-site. The issues raised were promptly resolved by Brown with a revised design model being issued to Hewatt by SMEC.

4. Construction

- a. DGB base layer placed from HPD1 interface to Mirrabai intersection,
- b. Street light columns and lanterns installation 95% complete. Cabling of power supply to the street lights to be completed;
- c. Earthworks and setting out of shared path continuing;
- d. Subsoil drain high end and intermediate riser flushing points being installed;
- e. W-beam guardrail and handrail installation continuing at the bridge, guard post holes completed and barrier fence footing completed on western side;
- f. Preparation of base for decomposed granite the guard rail at the bridge approaches;
- g. Concrete infill in traffic islands commenced;
- h. Earthworks and set out for the shared and equestrian paths under the bridge completed and construction of footing for retaining wall commenced;
- i. ActewAGL have completed the power supply cable from Casey substation to the mini-pillars at Road 04 and Mirrabai Dr intersections;
- j. Kerb construction on Casey bound carriage way and for the traffic islands at Mirrabai intersection completed;
- k. Base cover slabs for R sumps installation – 85 % Complete;
- l. Sewer manhole vacuum test completed for S19 and S18;
- m. Stone pitching removed from south west batter at the bridge;
- n. Topsoiling and landscape activities continuing.

5. Meetings

- a. Brown Consulting visited site in Tuesday 25 February 2014 to discuss and resolve design issues;
- b. Sewer vacuum test held with ActewAGL on Tuesday 25 February 2014;
- c. SMEC's landscape sub-consultant, dsb Landscapes, visited site on Friday 28 February 2014.

6. Issues

- a. *SMA/Pavement Changes* – a direction has been given by EDD to assume an SMA layer thickness of 30mm, instead of 40mm. Confirmation of the design changes are yet to be finalised;
- b. *Excess material potentially requiring disposal* – SMEC and Hewatt are working to lose most material on-site where possible;
- c. *Interface with Springbank Rise (ISS002)* – Hewatt are to make good the disturbed areas from trenching and are in correspondence with Lend Lease regarding topsoiling/landscaping Lend Lease's stockpiles.

Payments

- a. The Progress Claim for February 2014 is due on Friday 7th March 2014.

7. Activities Planned for the Upcoming Fortnight

- a. Continue placement DGB for base course to CH1400;
- b. Replace stone pitching at south west batter at the bridge and complete western end of the floodway;
- c. Continue earthworks for shared and equestrian paths under the bridge and construct the footing for retaining wall;
- d. Landscape activities to continue across site;
- e. Connection of power supply from ActewAGL's mini-pillars to the streetlights and traffic lights;
- f. Continue with preparation of the subgrade base for the shared path ;
- g. Kerb construction Jacka bound carriageway and Road 4 traffic islands;
- h. Construct flushing points for sub soil high end and intermediate risers;
- i. Commence concrete foot paths and approaches at the bridge;
- j. Complete sub base for decomposed granite area at the bridge approaches;
- k. Continuing construction of shared path;
- l. Sewer vacuum test for remaining manholes programmed for Wednesday 5th March;
- m. Continue with concrete infill of traffic islands;
- n. Complete installation of guardrail posts and barrier on north east side of bridge in hard ground.

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

Photos



Sewer manhole vacuum test at S19



Spreading straw mulch and bitumen spraying at Swale 15



Removing stone pitching at the south west batter of the bridge



DGB placement at CH1600

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	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 spill 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
6	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
7	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
8	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
9	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
10	WHS Incident	5/03/2014	Guardrail beside bridge	Operator was manouvering 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.	Operator taken to casualty and Hewatt completed incident report for recording.	Closed

HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



HEWATT



WEEKLY REPORT FOR WEEK ENDING: 22 February 2014

1. WHS

- a. Site inductions continuing, 194 personnel to date.

2. Traffic Management

- a. No changes – site vehicles continuing to use main carriageway for access throughout Project.

3. Design

- a. *Raising of Telstra Pit at CH40 (RF1104A)* – Telstra have inspected the Pit and are preparing a quote for approval;
- b. *Rock retaining wall footing clash with Stormwater Line B (RF1109A)* – the retaining wall termination details are being reviewed by Brown;
- c. *G4 barrier posts placement into rock (RF1113A)* – posts could not be driven into hard ground. A pile hole will be excavated and backfilled with DGB, then the posts will be driven.

4. Construction

- a. Street light columns and lanterns installed to CH1600 and cable connections commenced;
- b. Earthworks and setting out of shared path continuing;
- c. Subsoil drain high end and intermediate riser flushing points being installed;
- d. W-beam guardrail and handrail installation continuing at the bridge;
- e. Preparation of base for decomposed granite at bridge approaches;
- f. Protection slab over services at the bridge completed;
- g. Manhole and plantation sumps for storm water Line B completed;
- h. Earthworks and set out for the shared and equestrian paths under the bridge have commenced;
- i. ActewAGL have completed the power supply cable from Casey substation to the mini-pillars at Road 04 and Mirrabai Dr intersections;
- j. Kerb construction for the traffic islands at Mirrabai intersection completed and infill of the islands has commenced;
- k. Base cover slabs for R sumps installation – 85 % Complete;
- l. Water main pressure testing completed and an inspection certificate issued by ACTEW Water;
- m. Topsoiling and landscape activities continuing.

5. Meetings

- a. Site Meeting was held on Friday 24 February 2014.

6. Issues

- a. *SMA Report by ex-RMS consultants for HPD1 – outcomes from the report produced relating to the placement of SMA14 for HPD2 pavement are yet to be determined. SMA placement planned for start of March 2014.*
- b. *Excess material potentially requiring disposal – SMEC and Hewatt are working to lose most material on-site where possible;*
- c. *Interface with Springbank Rise (ISS002) – trenching within Springbank Rise is completed and Lend Lease have been informed. Hewatt are to make good the disturbed areas.*

7. Payments

- a. SMEC has certified Progress Claim. This included for Hewatt's January 2014 in variations.

8. Activities Planned for the Upcoming Fortnight

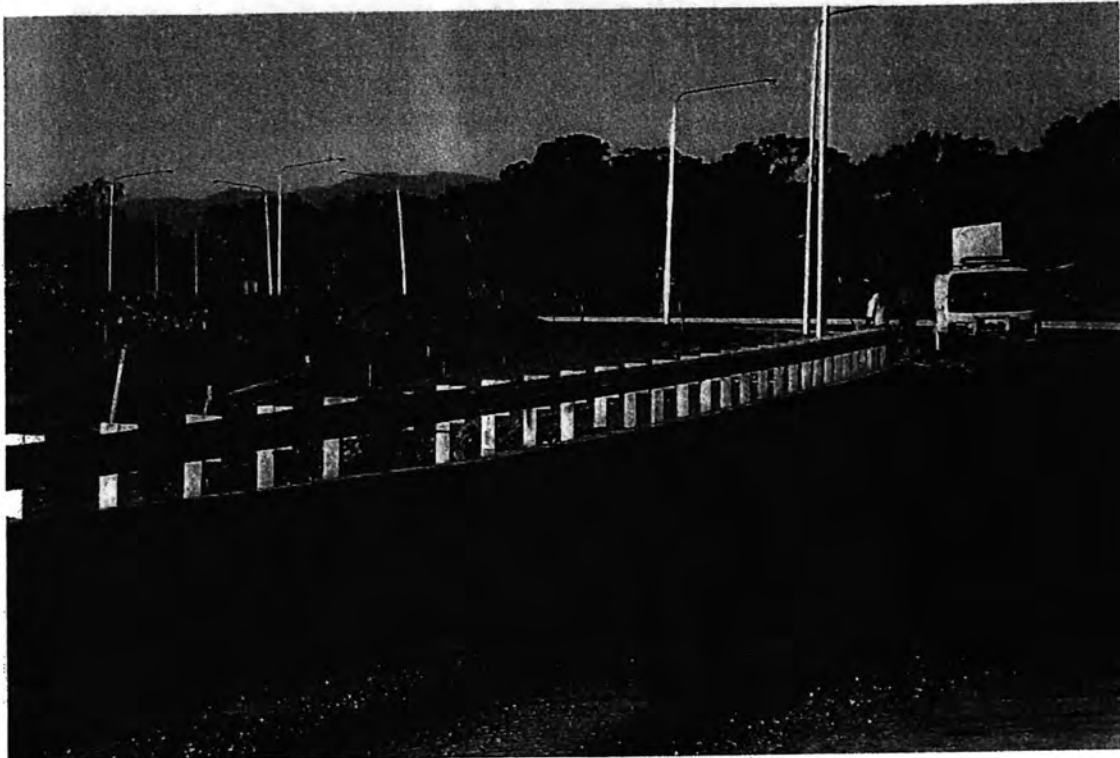
- a. Commence placement DGB for base course of the pavement;
- b. Continue earthworks for shared and equestrian paths, retaining wall and batter on Northern side of floodway;
- c. Landscape activities to continue across site;
- d. Connection of power supply from ActewAGL's mini-pillars to the streetlight and traffic;
- e. Prepare the subgrade base for the shared path ;
- f. Kerb construction carriageway and traffic islands;
- g. Construct flushing points for sub soil high end and intermediate risers;
- h. Commence concrete foot paths and approaches at the bridge;
- i. Complete sub base for decomposed granite area at the bridge approaches;
- j. Continuing construction of shared path;
- k. Sewer vacuum test programmed for Tuesday 25th March;
- l. Commence concrete infill in traffic islands;
- m. Installation of guardrail posts in hard ground.

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

Photos



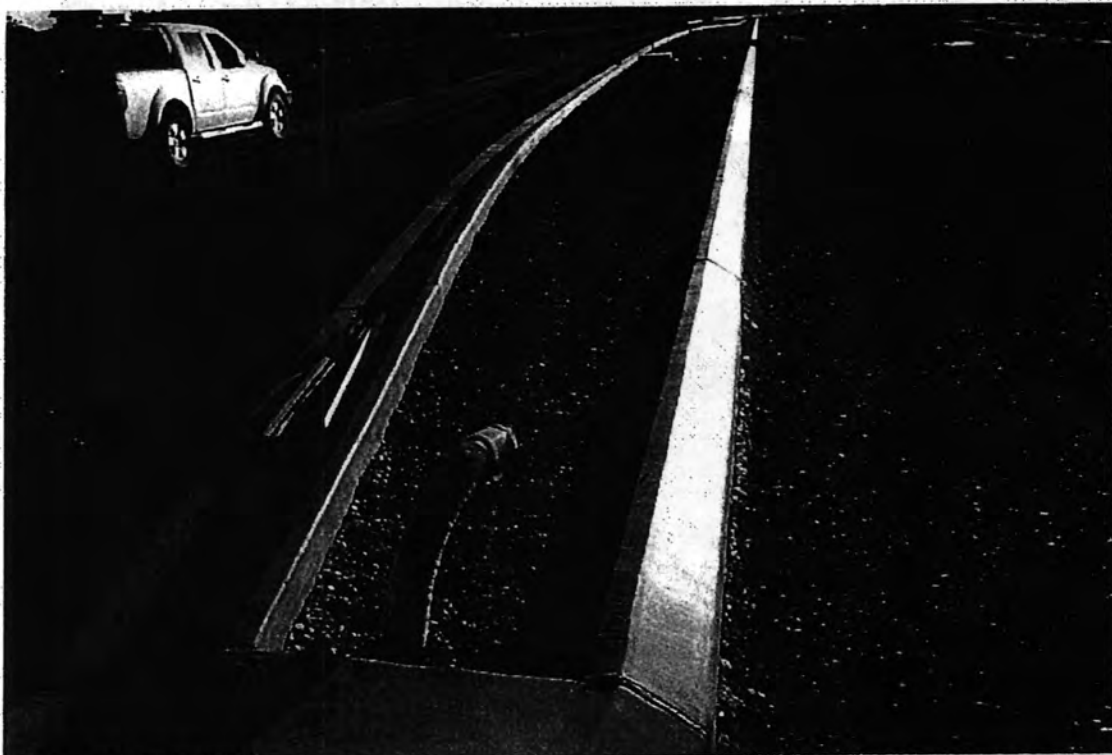
Floodway after rain event on Wednesday 19 February 2014



W-Beam guardrail installation at southern approach to the bridge



Excavation for retaining wall at the equestrian/shared path



Kerb and gutter, traffic island - CH1200

HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEL DRIVE



MEETING: SITE MEETING - AGENDA

LOCATION: Project Site Office, Horse Park Drive, Jacka
DATE: Friday, 21 February 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"> RFIs: 111 submitted; 1 open 										
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 & SP3</td> <td>Civil, Burrumarra Ave – HPD1</td> <td>02 Apr 2014</td> </tr> <tr> <td>SP2 & 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	02 Apr 2014	SP2 & SP4	Landscape, Burrumarra Ave – HPD1	07 Oct 2014	
Current PC Dates											
SP1 & SP3	Civil, Burrumarra Ave – HPD1	02 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"> EOT Status (12 submitted); 51.5 Days Claimed; 35.5 Days Granted 										
14.	Variations <ul style="list-style-type: none"> Status (including BoQ over/underruns) (excl GST): Submitted; Agreed; Certified for payment (as at end of Jan '14) 										
15.	Progress Claims										
16.	Quality Assurance <ul style="list-style-type: none"> HPs: 276 raised; 20 open NCRs: 23 raised (19 Quality; 4 Safety) 										
17.	Working hours and days										

18.	Construction Matters	
19.	Subcontractors	
20.	Next Meeting(s) <ul style="list-style-type: none">• Friday, 7th March 2014 – Site Meeting	
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, 7 February 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:

*Use of SMA10
 and
 Primer seal plus
 2 coat seal
 RFI from
 Hewatts*

No.	Item Description	Action
01.	<p>WHS</p> <ul style="list-style-type: none"> / noted that there had been a few pedestrians/cyclists that have tried to walk through site, including a cyclist who was escorted off-site. This will be added to the Incident Register. There were no other WHS incidents since the last meeting. <u>PH/JH were going to investigate the need for an ACT Govt WHS Audit, however the Project is getting close to the end.</u> 	PH
02.	<p>Review Previous Minutes / Matters Arising</p> <ul style="list-style-type: none"> has sent through a number of Variation Claims for past works. A price for the supply of electricity to the traffic and streetlight controllers is yet to be received. Hewatt did not raise an RFI in relation to the proposed change to the seal type as they are awaiting the outcomes of the SMA Report from the ACT Govt. ✓ to advise Roads ACT/B.McHugh of revised completion dates for HPD1/2. 	
03.	<p>Design</p> <ul style="list-style-type: none"> RFIs: 101 submitted; 4 open Hewatt sent through a price for the revised design to the streetlighting beneath the bridge. The post will be as per the original design style – galvanised. Hewatt have ordered the poles – there is a 10 week lead time before delivery. HPD1 is still awaiting approval for this solution from Chris DeChamps. asked for confirmation of push button offset dimension requirements. There appears to be no standard drawing. was to check corresponding details from RMS drawings. A were to raise an RFI on the issue and would liaise with Roads ACT. JH updated the meeting on the outcomes of the SMA investigations/report for HPD1. JH mentioned there could be the potential for a change in the stone size for SMA (SMA14 to 	

	<p>SMA10) or increasing the depth of the SMA14. It was noted that the majority of the kerb has been installed for HPD2. Therefore, going to a deeper SMA layer may be an issue. to include it in the Issues Register and JH was to advise of any outcomes from future discussions.</p> <ul style="list-style-type: none"> asked if the site team would have a chance to look at the reports. JH advised two reports were being prepared. The first specific to SMA on HPD1 and the second was an overall report on the use of SMA throughout the ACT. This report may be sent out to the consultants for comment. There were a few other points raised in the report, eg. Amount of cutback oil to be used in seal, etc. These are going to be important for HPD2. The material Hold Points and work methods for the seal and asphalt will be crucial. 	/JH									
04. ✓	<p>Site Compound</p> <ul style="list-style-type: none"> Demobilisation of the site compound was likely to occur towards the end of March 2014, just prior to Project Completion. 										
05.	<p>Program</p> <ul style="list-style-type: none"> will send through revised cash flow and program. Generally program is going well – sub-base placement has been completed. Hewatt will continue to closely monitor the progress of the kerb placement and the supply of gravel material. Seal and asphaltting looking to be completed in early March 2014. A significant time gap is not forecast between placement of seal and SMA, as it is not required by the specifications. <ul style="list-style-type: none"> The amount of cutter oil in the seal will be important if there is not a lot of time between the placement of seal and SMA. A hold point will be submitted prior to the seal and SMA placement. <table border="1" data-bbox="482 1308 1292 1429"> <thead> <tr> <th colspan="3">Current PC Dates</th> </tr> </thead> <tbody> <tr> <td>SP1 & SP3</td> <td>Civil, Burrumarra Ave – HPD1</td> <td>02 Apr 2014</td> </tr> <tr> <td>SP2 & 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	02 Apr 2014	SP2 & SP4	Landscape, Burrumarra Ave – HPD1	07 Oct 2014	
Current PC Dates											
SP1 & SP3	Civil, Burrumarra Ave – HPD1	02 Apr 2014									
SP2 & SP4	Landscape, Burrumarra Ave – HPD1	07 Oct 2014									
06. ✓	<p>Environmental</p> <ul style="list-style-type: none"> No environmental issues. Topsolling of site nearing completion and bitumen straw mulching will commence soon. 	<p>- Rain event Tues 15th - S/W working well</p>									
✓ 07.	<p>Industrial Relations</p> <ul style="list-style-type: none"> Nil 										
08. ✓	<p>Traffic</p> <ul style="list-style-type: none"> noted that the entrance to the site at Amaroo School will be left the same due to safety and traffic reasons. It is likely any change may cause confusion to site staff and the public. 										
09. ✓ Community Liaison	<p>Community</p> <ul style="list-style-type: none"> to send note to Roads ACT about the current date for PC and potential road opening for HPD2. This will allow Roads ACT to send any potential community notices out. will inform Lend Lease/Springbank Rise that the wearing course works at Burrumarra Ave roundabout will not be undertaken as part of HPD2 works. Contact will be made with Lend Lease regarding making good disturbed areas within Springbank Rise from trenching works. 	Hewatt									

10.	Staffing • Nil	
11.	Utilities <ul style="list-style-type: none"> Hewatt are to provide a price for the civil works associated with ActewAGL electrical supply to traffic and streetlight controllers. ' gave an update on the status of handover for the utilities: <ul style="list-style-type: none"> Watermain testing by Hewatt was to take place early next week and then a request for ACTEW Water to test would be submitted. Note the final scour valve is to be installed beneath the bridge prior to this; CCTV has been completed for stormwater. WAE information completed and being put into drawings; WAE for NBN will be sent and then NBN will organise a handover inspection. Hewatt will prepare a WAE schedule of when information is likely to come out for review. will include the handover process & progress as an issue in the register so that it can be easily tracked. Ray Surveys will be preparing the WAE drawings for HPD2. ActewAGL will be onsite next Wed/Thurs to install cabling for the electrical supply to the traffic and streetlight controllers. 	Test Passed Hewatt. Hewatt
12.	Issues <ul style="list-style-type: none"> MS raised the issue that all handovers for HPD2 will be through TaMS Asset Acceptance. Therefore, there will not be a single inspection, there will be multiple with different people for different elements of the work. 	NOTE
13.	EOT <ul style="list-style-type: none"> EOT Status (12 submitted): 51.5 Days Claimed; 35.5 Days Granted EOT No. 12 was raised for 2 days inclement weather. This was approved and the PC dates have been revised. - 2nd April 	plus 1/2 day
14.	Variations <ul style="list-style-type: none"> Status (including BoQ over/underruns) (excl GST): Submitted _____ Agreed; _____ Certified for payment (as at end of Dec '13) submitted a number of Variation Claims with the January 2014 Claim. These will be assessed and responses issued by SMEC. 	NOTE
15.	Progress Claims <ul style="list-style-type: none"> will send the January 2014 claim over for assessment. Discussions were held prior to the site meeting regarding some interpretations of the Specifications. There were a few actions required to start to close out some of the Prov. Quantity Pay, Items. - Check F/Cast for Mar 	To be paid 27/2/14
16.	Quality Assurance <ul style="list-style-type: none"> HPs: 258 raised; 6 open NCRs: 23 raised (19 Quality; 4 Safety) - to talk with _____ about a few outstanding QA issues. 	
17.	Working hours and days <ul style="list-style-type: none"> Nil 	8-11 - Canberra Day plus shut down
18.	Construction Matters <ul style="list-style-type: none"> A new delivery of stone was received this morning (Fri 7/2/14). The colour matches the original coloured stone that was previously supplied. 	To be replaced

• HPD1 - OA - Verbal. last Friday - 14/2/14 - Alect Wk
 - Waiting on Updated Defects List

19.	Subcontractors <ul style="list-style-type: none"> to send over contract for Capital Lines and Signs () 	
20.	Next Meeting(s) <ul style="list-style-type: none"> Friday, 21st February 2014 – Site Meeting 	
21.	Other?	

7 March

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	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
6	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
7	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
8	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

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

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
100A	Proposal to shift KO to achieve clearance requirements for equestrian & footpaths	5/02/2014	No			Concrete Kerbs, Footpaths and Minor Works	Design Clarification		12/02/2014	Closed
101A	Pedestrian handrail footings on LHS of bridge (past approach slabs)	5/02/2014	Yes	6/02/2014	14/02/2014	Bridge Work	Design Error		17/02/2014	Closed
102A	Combined Usage Pole offset behind kerb	7/02/2014	No			Street Lighting	Construction Alternative		13/02/2014	Closed
104A	Raising of existing Telstra Pit at CH40	10/02/2014	No			Utilities	Other		13/02/2014	Closed
105A	Offset from kerb for push buttons on Traffic Signals	12/02/2014	No			Traffic Signals	Design Clarification		13/02/2014	Closed
106A	Use of SL82 instead of SL81 for PT7 (medians)	14/02/2014	No			Concrete Kerbs, Footpaths and Minor Works	Construction Alternative		17/02/2014	Closed
107A	Requirement for sign post sleeves	14/02/2014	No			Road Furniture	Specification Clarification		17/02/2014	Closed
108A	Additional works associated with the electrical connection to the SLC and TLCC.	14/02/2014	No			Utilities	Other		20/02/2014	Closed
109A	Rock retaining wall footing clash with Stormwater Line B	19/02/2014	Yes	20/02/2014		Incidental Works	Design Clarification			Open
110A	Conflict between guardrail and light poles	19/02/2014	No			Road Furniture	Design Error		20/02/2014	Closed
111A	Confirmation of drainage backfill requirements behind stone-pitched retaining wall	20/02/2014	No			Incidental Works	Construction Alternative		20/02/2014	Closed
Total = 11										

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 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
				TOTALS	51.5	35.5						



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. 1. Locations of stockpiles 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	
011	Proposal to install Conduit Crossings at Road 04 and Mirrabai Dr Intersections	As part of the electrical supply to the streetlight and traffic light controllers, electrical conduit crossings will need to be installed at Road 04 and Mirrabai Dr. It is proposed all conduits be installed to prevent future damage to the completed works.	30/08/2013	SMEC has issued an instruction to Hewatt to provide a price for the works and complete the works.	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 will meet with Roads ACT on Tuesday 25 Feb 2014 to discuss potential changes to HPD2 SMA.	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 will provide a schedule for producing WAE drawings and achieving handover for various utility authorities.	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	(SMCU)	(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)	CHD-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	13/06/2013			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)			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		[redacted] 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				[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	

Friday, 21 February 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		(through Ben McHugh)	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	
13	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	[redacted] 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 [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	

Friday, 21 February 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	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 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 Mirabel Dr.	20/02/2014	& directed him through Ngunnawal to get to Mirabel Dr.	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						
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		Changes to the Watermain from Tender				Scope Change		Agreed
07		Supply and Installation of Combined Usage Pole				Contractor Proposed Alternative		Agreed
08		Select CBR Changes from Design to Construction				Design/ Document deficiency		Agreed
09	008	Pricing of Missing Pay Items from the Bill of Quantities				Design/ Document deficiency		Agreed
10		Supply of 375mm uPVC Sewer Pipe not used				Design Improvement		Closed
11		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
18	017	Additional works with Gas Main from Ch60 - Ch20				Latent/ Site Condition		Closed
21	017	Additional works with Telstra from Ch20 - Ch60				Latent/ Site Condition		Closed
22		Additional Length of PD1 Fencing with In-situ Footings				Limit of Accuracy		Closed
25	011	Additional Shared Trench Road Crossings at CH970 and CH1500				Design Improvement		Closed

Variation Number	Contract Issue Number	Description	Price Submitted (excl GST)	Price Agreed (excl GST)	Amount Certified to Date (excl GST)	Classification	Support Information	Status
26		Deduction for the use of Jute Mesh as opposed to Jute Mat				Contractor Proposed Alternative		Agreed
29	013	HPD1 & HPD2 Quantity Adjustments for Changes in Scope of Works				Scope Change		Pending
30		Additional Shared Trench at East side of Mirraabei Dr				Superintendent Request		Closed
TOTALS								

HOLD POINT REGISTER - OPEN



Release No	Specification No	Specification Name	Clause No	Clause Description	Lot No	Date of Submission	Status	Comments
0223	Section 9	Landscaping	9.9 (9.09.5)	Planting provide notification of planting position and submit guarantee from supplier that plants are true to species and type	CLP01: CH1100-1500 LHS	11/12/2013	Open	Plant supplier guarantee not submitted
0224	Section 9	Landscaping	9.9 (9.09.5)	Planting provide notification of planting position and submit guarantee from supplier that plants are true to species and type	CLP02: CH700-1100	11/12/2013	Open	Plant supplier guarantee not submitted
0253	Section 3	Underground Services	3.7 (3.05.4.xii)	Inspection of reinforcement in Concrete Reinforced Structures	SSW10 (J3), SSW11 (F9), SSW12 (G6) Wing Walls	29/01/2014	Open	Awaiting CoCompliance for reinforcement from Hewatt
0254	Section 3	Underground Services	3.7 (3.05.4.xii)	Inspection of reinforcement in Concrete Reinforced Structures	SSW13 (H7), SSW14 (J7), SSW15 (M5) Wing Walls	29/01/2014	Open	Awaiting CoC from Hewatt
0258	Section 4	Flexible Pavement	4.2 (TEC 4.03.4)	Submission of conformance tests/survey prior to placement over subgrade	RSB08: CH890-990	30/01/2014	Open	Awaiting test information from Hewatt
0259	Section 2	Earthwork	2.7 (2.07.1)	Subgrade Levels - Inspection	CCP-02 CH60 - CH440	11/02/2014	Open	Actew crossing from Casey to be completed
0260	Section 2	Earthwork	2.7 (2.07.1)	Subgrade Levels - Inspection	CCP-03 CH460 - CH600	11/02/2014	Open	
0261	Section 2	Earthwork	2.7 (2.07.1)	Subgrade Levels - Inspection	CCP-04 CH600 - CH910	11/02/2014	Open	
0262	Section 2	Earthwork	2.7 (2.07.1)	Subgrade Levels - Inspection	CCP-05 CH910 - CH1240	11/02/2014	Open	
0263	Section 2	Earthwork	2.7 (2.07.1)	Subgrade Levels - Inspection	CCP-06 CH1240-CH1430	11/02/2014	Open	
0264	Section 2	Earthwork	2.7 (2.07.1)	Subgrade Levels - Inspection	CCP-07 CH1450 - CH1520	11/02/2014	Open	
0266	Section 14	Street Lighting	14.4 (TEC 14.7)	Installation of columns, cables, pits, etc. Submit WAE updated drawings	CSL-02 Pole 1016-1033	11/02/2014	Open	
0270	Section 14	Street Lighting	14.4 (TEC 14.7)	Installation of columns, cables, pits, etc. Submit WAE updated drawings	CLS-03 Poles 1016-1033	11/02/2014	Open	

PROJECT PHOTOS:



Image 01: Stone-pitching on Casey side of bridge (prior to rain)



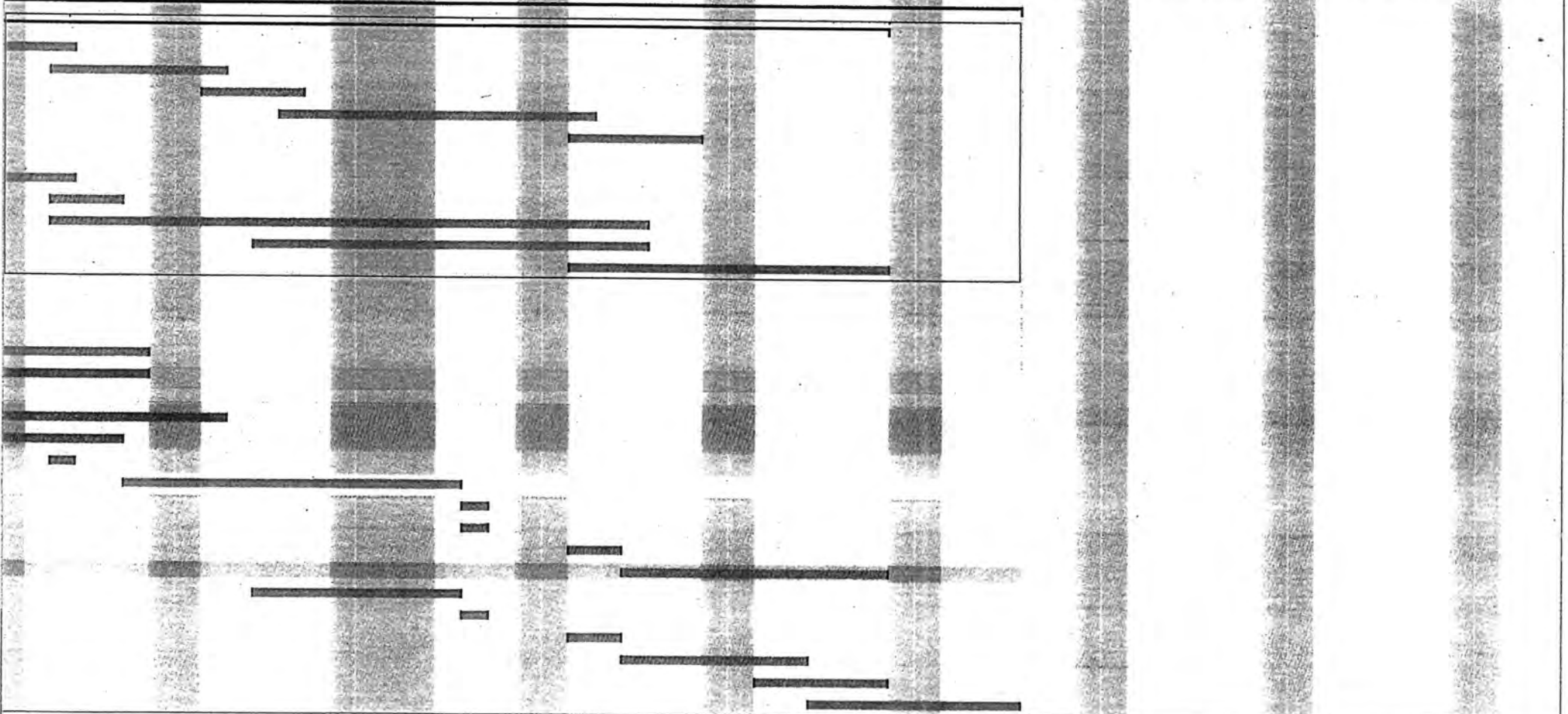
Image 02: Stone-pitching on Casey side of bridge (during rain event, 19.02.2014)

ID	Task Mode	Task Name	Duration	Start	Finish	19 Jan '14							26 Jan '14							9 Feb '14							16 Feb '14									
						F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
1																																				
2		Horse Park Drive 2	50 days	Fri 17/01/14	Wed 2/04/14																															
3		Bridge Works	28 days	Sun 16/02/14	Fri 28/03/14																															
4		Guardrail	5 days	Wed 19/02/14	Tue 25/02/14																															
5		Relieving slabs	5 days	Tue 25/02/14	Mon 3/03/14																															
6		Mowing Strip	4 days	Mon 3/03/14	Thu 6/03/14																															
7		Red Granite	6 days	Thu 6/03/14	Mon 17/03/14																															
8		Bridge Railings	5 days	Mon 17/03/14	Fri 21/03/14																															
9		Stormwater	4 days	Sun 16/02/14	Wed 19/02/14																															
10		Retaining wall	5 days	Wed 19/02/14	Tue 25/02/14																															
11		Kerbs under bri	3 days	Tue 25/02/14	Thu 27/02/14																															
12		Stone Pitching	15 days	Tue 25/02/14	Wed 19/03/14																															
13		Concrete footp	9 days	Wed 5/03/14	Wed 19/03/14																															
14		PD1 Handrail	10 days	Mon 17/03/14	Fri 28/03/14																															
15		Common Trench	10 days	Fri 17/01/14	Mon 3/02/14																															
16		Subsoil Drains	10 days	Fri 17/01/14	Mon 3/02/14																															
17		Streetlight condui	10 days	Mon 3/02/14	Fri 14/02/14																															
18		Streetlight Colum	15 days	Mon 10/02/14	Fri 28/02/14																															
19		Traffic Lights	15 days	Mon 10/02/14	Fri 28/02/14																															
20		Subbase	10 days	Thu 23/01/14	Fri 7/02/14																															
21		Kerbs / Islands	13 days	Thu 13/02/14	Mon 3/03/14																															
22		Island Infills	8 days	Tue 18/02/14	Thu 27/02/14																															
23		Bridge Epoxy	1 day	Tue 25/02/14	Tue 25/02/14																															
24		Base	7 days	Fri 28/02/14	Wed 12/03/14																															
25		Prime	1 day	Thu 13/03/14	Thu 13/03/14																															
26		SAMI Seal - Bridge	1 day	Thu 13/03/14	Thu 13/03/14																															
27		14/7 Seal	2 days	Mon 17/03/14	Tue 18/03/14																															
28		AC SMA	8 days	Wed 19/03/14	Fri 28/03/14																															
29		Cyclepath base	4 days	Wed 5/03/14	Wed 12/03/14																															
30		Cyclepath prime	1 day	Thu 13/03/14	Thu 13/03/14																															
31		AC FGG	2 days	Mon 17/03/14	Tue 18/03/14																															
32		Topsoil	5 days	Wed 19/03/14	Tue 25/03/14																															
33		Planting	5 days	Mon 24/03/14	Fri 28/03/14																															
34		Lines/Signs/Rails	6 days	Wed 26/03/14	Wed 2/04/14																															

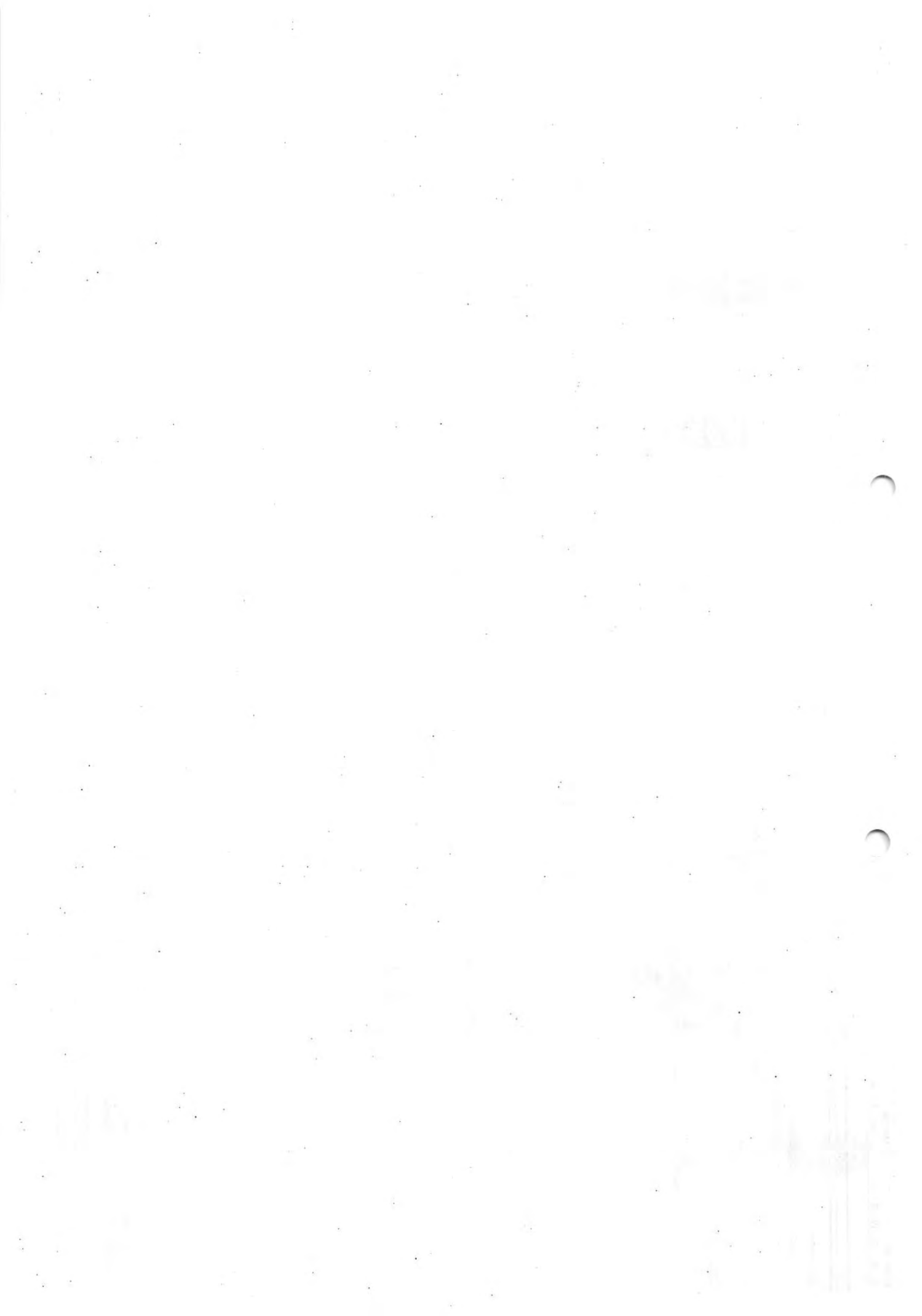
21/02/2014

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		

23 Feb '14 2 Mar '14 9 Mar '14 '14 23 Mar '14 30 Mar '14 6 Apr '14 13 Apr '14 20 Apr '14
 S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S



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	
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	Summary		Inactive Task		Duration-only		Finish-only			



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



MEETING: SITE MEETING - MINUTES

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

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

Brown:

SMEC:

Hewatt:

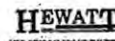
No.	Item Description	Action
01.	WHS <ul style="list-style-type: none"> • JH noted that the information included in the Project's WHS Incident Register was being used for EDD WHS Reporting. The information that is currently being provided was commended. • An ACT Govt WHS Audit is being organised by the ACT Govt. PH will provide a date for the audit when it has been confirmed. 	PH
02.	Review Previous Minutes / Matters Arising <ul style="list-style-type: none"> • is preparing a price for the works undertaken by Hewatt to provide electricity to the traffic light and streetlight controllers. All costs will be submitted under a single variation. • informed Roads ACT (B. McHugh) about the revised date for PC. JH was going to ask if an opening event or similar was going to be planned by the ACT Govt. 	JH
03.	Design <ul style="list-style-type: none"> • RFIs: 111 submitted; 1 open • spoke to re: push-button offset requirements. The 0.5m requirement is not in any standards or drawings, it is something that has required from experiences with the disabled. Roads ACT are looking to include the requirement in a standard drawing. This was responded to in RFI105A • The existing Telstra pit that is currently low at the tie-in to Burrumarra Ave is being looked at by Telstra. Telstra are preparing a quote for their sub-contractor to repair the works. This will be claimed under the Telstra Provisional Sum Item. This will be included as an Issue so it can be tracked – it can have the potential to stay within Telstra for a while. • Brown are currently reviewing RFI109A regarding the clash between the rock retaining wall footing and the stormwater line beneath the bridge. to check status of RFI. • There have been a number of minor RFIs that have been 	/ /

	<p>responded to throughout February 2014 that have been included in the RFI – Open or This Month register included with the meeting's papers.</p> <ul style="list-style-type: none"> • EDD will meet with Roads ACT to come to a conclusion on the SMA nominal aggregate size and depth to be used for HPD2. JH said a change to SMA10 was likely and the depth of the layer would probably remain at 40mm. JH will provide confirmation mid next week (W/C 24 Feb 2014). <ul style="list-style-type: none"> ○ The depth of the SMA layer is important as it will determine the thickness of base course required to be placed. Placement of base material is likely to commence next week; ○ A mix design will need to be submitted for the SMA prior to paving (programmed for start of March 2014). Cost implications will also need to be agreed prior to placement (Downer have advised Hewatt that SMA10 is more expensive than SMA14). ○ will raise an RFI requesting confirmation of the SMA nominal size and to confirm seal requirements (prime + 2 coat seal or 2 coat polymer prime seal?). Prime programmed for 13 Mar 2014. • SMEC intends to conduct a walk-through the site in order to help identify any design issues likely to be encountered. SMEC and Brown have planned to meet next week (w/c 24/2/14) on site to review a number of design issues. 	JH									
04.	<p>Site Compound</p> <ul style="list-style-type: none"> • Nil. 										
05.	<p>Program</p> <ul style="list-style-type: none"> • included an updated program with the meeting papers. • There are approximately 6 weeks until PC, with the current program showing completion on 2 April 2014. • There is a considerable amount of work to come together, with many of the finishing tasks requiring careful co-ordination with each other (with potential for delays); • noted wet weather during the week did not help progress, and if more wet weather did not hold up progress the 2 April 2014 was achievable. • March 2014 will be a busy month (base material, seal and SMA being placed). <table border="1"> <thead> <tr> <th colspan="3">Current PC Dates</th> </tr> </thead> <tbody> <tr> <td>SP1 & SP3</td> <td>Civil, Burrumarra Ave – HPD1</td> <td>02 Apr 2014</td> </tr> <tr> <td>SP2 & 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	02 Apr 2014	SP2 & SP4	Landscape, Burrumarra Ave – HPD1	07 Oct 2014	
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SP1 & SP3	Civil, Burrumarra Ave – HPD1	02 Apr 2014									
SP2 & SP4	Landscape, Burrumarra Ave – HPD1	07 Oct 2014									
06.	<p>Environmental</p> <ul style="list-style-type: none"> • There was a significant rain event on Wed 19 Feb 2014 with approx. 40mm of rain falling (including ~13mm in 15 minutes). There was also 43mm that fell over the weekend 15/16 Feb 2014. In some areas of Canberra, the Wednesday storm was supposedly equivalent to a 1:100yr or 1:20yr rain event. • Lend Lease had been placing topsoil upstream of HPD2 on Wednesday morning and there was a considerable amount of silt and topsoil that washed into and through the HPD2 site. • Generally, the site held up well; • No visits from EPA. 										
07.	<p>Industrial Relations</p> <ul style="list-style-type: none"> • Nil. 										

08.	<p>Traffic</p> <ul style="list-style-type: none"> No issues/comments on current traffic management. noted that if a prime is required separate to the 2 coat seal, then a haul road will be required adjacent to the carriageway for construction vehicles between the prime and the 2 coat seal. 	
09.	<p>Community</p> <ul style="list-style-type: none"> informed Lend Lease that the wearing course works around the Burrumarra Ave roundabout would not be completed as part of HPD2 – therefore there would not be significant TTM that would affect Springbank Rise. is currently in correspondence with Lend Lease regarding the topsoiling and bitumen spray mulching for the Lend Lease stockpiles. These stockpiles form part of LL's limit of works which will be handed over to TaMS. LL will have a handover inspection in the near future. directed a cyclist through Ngunnawal who was attempting to access the Bicentennial National Trail through the HPD2 Site. The Public Liaison Register was included in the meeting's papers. 	
10.	<p>Staffing</p> <ul style="list-style-type: none"> Nil. 	
11.	<p>Utilities</p> <ul style="list-style-type: none"> The water main was pressure tested by ACTEW Water and passed. ACTEW issued an inspection certificate. Sewer vacuum test is scheduled for Tues 25 Feb.2014 with ACTEW. SMEC will inspect stormwater structures and CCTV for HPD2 and will issue a certificate indicating the stormwater has been constructed in accordance with standards and specifications. is preparing a WAE drawings and handover schedule. A few forecast dates for completion need updating and Hewatt will then issue to SMEC. 	
12.	<p>Issues</p> <ul style="list-style-type: none"> Handover is currently being tracked as an issue and has been included in the Issues Register included with the meeting's papers. will add the raising of the Telstra Pit at Burrumarra Ave as an issue such that it can be kept on top of. It is currently with Telstra and has the potential to be stagnant there. 	
13.	<p>EOT</p> <ul style="list-style-type: none"> EOT Status (12 submitted): 51.5 Days Claimed; 35.5 Days Granted Hewatt will submit an EOT Claim for wet weather on Wed 19 Feb 2014. 	
14.	<p>Variations</p> <ul style="list-style-type: none"> Status (including BoQ over/underruns) Submitted; Agreed; ~1 Certified for payment (as at end of Jan '14) SMEC has issued responses to Variation Claim letters received from Hewatt. Variations claimed/certified in January 2014 included work undertaken in November and December 2014. 	

15.	<p>Progress Claims</p> <ul style="list-style-type: none"> • Hewatt's January 2014 Tax Invoice will be paid on 27th Feb 2014; • There are 6 weeks of construction until PC, with just over half the total Contract Value being claimed following the January 2014 Progress Claim; • March 2014 progress claim forecast to be ~ ~ ~ . 	
16.	<p>Quality Assurance</p> <ul style="list-style-type: none"> • HPs: 276 raised; 20 open • NCRs: 23 raised (19 Quality; 4 Safety) • has sent over the HPs for the W-beam installation. stressed importance of timely submission Hold Points that provide installation information/requirements, such as W-beam guardrail. 	
17.	<p>Working hours and days</p> <ul style="list-style-type: none"> • Canberra Day long weekend is a shutdown weekend from 8 Mar – 11 Mar 2014 (inclusive). 	
18.	<p>Construction Matters</p> <ul style="list-style-type: none"> • raised issues with patching of minor cracking of kerbs. The requirements for the rectification methods are unclear, and previous projects have shown a range of different measures applied to a variety of cracks within the kerb. mentioned that cracking in kerbs is potentially a design issue as the contractor completes the works as per the design and specification requirements. This can be dealt with by the Superintendent and the defects list and then at handover, there is the potential for an alternative treatment to be required. noted that at times the cracks need to be dealt with on a case-by-case basis. <ul style="list-style-type: none"> o will make enquiries with Asset Acceptance in order to provide clarification on the matter. • The area of stone pitching to be replaced is awaiting the return of the stone-pitchers and delivery of additional stone. 	
19.	<p>Subcontractors</p> <ul style="list-style-type: none"> • forwarded subcontractor contract with Capital Lines and Signs to SMEC. 	
20.	<p>Next Meeting(s)</p> <ul style="list-style-type: none"> • Friday, 7th March 2014 – Site Meeting 	
21.	<p>Other?</p> <ul style="list-style-type: none"> • JH informed the meeting that MM had organised a bus for EDD/ACT Govt staff to visit a number of the construction sites around the ACT. The bus would not be driving through the site. • JH informed that HPD1 had received verbal operational acceptance for the completed separable portions. When confirmed, this would then open up the Jacka Access Road 1 and would allow temporary fencing to be taken down next to Amaroo School. 	

HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



WEEKLY REPORT FOR WEEK ENDING: 15 February 2014

1. WHS

- a. Site inductions continuing

2. Traffic Management

- a. Site vehicles now using main carriageway for access throughout Project.

3. Design

- a. *Pedestrian handrail footings adjacent to approach slabs (RFI101A)* – Brown have prepared a detail for the use of a mowing strip as the handrail footing;
- b. *Raising of Telstra Pit at CH40 (RFI104A)* – the existing concrete Telstra pit at CH40 requires raising to match adjacent levels of HPD2's shared path. Telstra will complete these works under the Prov Sum Item;
- c. *Push button 500mm offset from kerb (RFI105)* – SMEC have issued a response to Hewatt indicating the 500mm should be adhered to. Currently it is not strictly a standard, however it is likely to be incorporated into the TAMS standard drawings in the future.

4. Construction

- a. Street light columns and lanterns installed to CH800;
- b. Sub soil drain high end and intermediate riser flushing points being installed;
- c. Rodding of subsoils has been completed confirming there are no blockages or obstructions in the lines;
- d. Guard and hand rail installation continuing at the bridge;
- e. Perpetration of base for decomposed granite at bridge approaches commenced;
- f. Manhole and plantation sump bases for storm water Line B completed;
- g. Stone pitching of floodway drop structures and connection to Casey endwall channel completed;
- h. Installation of conduit for the streetlight power supply completed;
- i. ActewAGL power supply cable from Casey substation to Mirrabai intersection installed, joins at two locations to be completed ;
- j. Kerb construction at traffic islands at Mirrabai intersection continuing and infill of islands commenced;
- k. Topsoiling and landscape activities continuing.

5. Meetings

- a. There were no meetings held this week.

6. Issues

- a. *SMA Report by ex-RMS consultants for HPD1* – outcomes from the report produced relating to the placement of SMA14 for HPD2 pavement are yet to be determined. SMA placement planned for start of March 2014;
- b. *Excess material potentially requiring disposal* – SMEC and Hewatt are working to lose most material on-site where possible;
- c. *Interface with Springbank Rise (ISS002)* – trenching within Springbank Rise is completed and Lend Lease have been informed. Hewatt are to make good the disturbed areas.



7. Payments

- a. SMEC has certified () for Hewatt's January 2014 Progress Claim. This included in variations.

8. Activities Planned for the Upcoming Fortnight

43.0mm of rain fell over the weekend (15/16 Feb 2014), this may limit production this upcoming week.

- a. Commence placement DGB for base course of the pavement;
- b. Preparation for shared path and batter on Northern side of floodway;
- c. Landscape activities;
- d. Continue installing street light columns and lanterns;
- e. Commence cabling of power supply and connections for the street lights;
- f. Prepare the subgrade base for the shared path ;
- g. Kerb construction carriageway and traffic islands;
- h. Installation Type R sump cover slabs;
- i. Construct flushing points for dub soil high end and intermediate risers;
- j. Construct pits and manhole for storm water line B beneath the bridge;
- k. Commence concrete foot paths and approaches at the bridge;
- l. Complete sub base for decomposed granite area at the bridge approaches;
- m. Commence construction of shared path;
- n. Installation of Guard rail.

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

Photos



Installation of street light pole and lantern at CH70



Conduit for street light power supply being laid and backfilled



Actew installing electricy power supply cable



Connection to Casey stormwater endwall and completed floodway drop structures

Husband, John

From: [redacted]@smec.com]
Sent: Friday, 14 February 2014 4:48 PM
To: McGrath, Michael; Husband, John; Hancock, Patrick
Cc: HPDE;
Subject: RE: HPD2 - Revised forecast Cash Flow and Program - Jan 2014
Attachments: HPD2 - January to completion.pdf; HPD2 - Hewatt's Revised Forecast - Jan 2014.xlsx

All,

Please find attached Hewatt's revised forecast Cash Flow and Program for the remainder of the Project, as at the end of January 2014.

Note: Hewatt's Cumulative Total for the Project is shown as SMEC's current estimate for
 the Final Contract Value is this is after Variations and estimates of final PQ and PS claims.

Regards,

SMEC Australia

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

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

SMEC SNOWY MOUNTAINS ENGINEERING CORPORATION

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HPD2 - Hewatt Forecast Claim

14/02/2014

Claim Month	Forecast		Actual		Revised to complete	
	Month	Cumulative	Month	Cumulative	Month	Cumulative
Apr-13						
May-13						
Jun-13						
Jul-13						
Aug-13						
Sep-13						
Oct-13						
Nov-13						
Dec-13						
Jan-14						
Feb-14						
Mar-14						
Apr-14						
May-14						
Jun-14						
Jul-14						
Aug-14						
Sep-14						
Oct-14						
Consolidation						
TOTAL (excl GST)						

HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



MEETING: SITE MEETING - AGENDA

LOCATION: Project Site Office, Horse Park Drive, Jacka
DATE: Friday, 7 February 2014
TIME: 10.30am

ATTENDEES:

Economic Development Directorate: Michael McGrath (MM) ✓ A
 ✓ 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"> RFIs: 101 submitted; 4 open 										
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 & SP3</td> <td>Civil, Burrumarra Ave – HPD1</td> <td>02 Apr 2014</td> </tr> <tr> <td>SP2 & 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	02 Apr 2014	SP2 & SP4	Landscape, Burrumarra Ave – HPD1	07 Oct 2014	
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06.	Environmental										
07.	Industrial Relations										
08.	Traffic										
09.	Community										
10.	Staffing										
11.	Utilities										
12.	Issues										
13.	EOT <ul style="list-style-type: none"> EOT Status (12 submitted); 51.5 Days Claimed; 35.5 Days Granted 										
14.	Variations <ul style="list-style-type: none"> Status (including BoQ over/underruns) (excl GST): Submitted; Agreed; Certified for payment (as at end of Dec '13) 										
15.	Progress Claims										
16.	Quality Assurance <ul style="list-style-type: none"> HPs: 258 raised; 6 open NCRs: 23 raised (19 Quality; 4 Safety) 										
17.	Working hours and days.										

18.	Construction Matters	
19.	Subcontractors	
20.	Next Meeting(s) <ul style="list-style-type: none">• Friday, 21st February 2014 – Site Meeting	
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, 24 January 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> <p><i>- December Audit</i></p> <ul style="list-style-type: none"> PH was to follow up on requirement/organisation of WHS Audit for HPD2. <i>- Not warranted - PC - End</i> There was a single incident added to the register on 13 December 2014 – a small grass fire was started in Block 818 adjacent to the Project corridor. Hewatt assisted in extinguishing the fire. It was thought to be started by a mowing contractor for the LDA creating a fire break. LDA have since visited the site and were informed of the fire. LDA were going to investigate. JC was to check progress/status of this. 	<p>PH Mar 14</p>
02.	<p>Review Previous Minutes / Matters Arising</p> <ul style="list-style-type: none"> Prices for several proposed <u>Variation works</u> are to be submitted by Hewatt with Variation letters, including: <ul style="list-style-type: none"> Conduit crossings; Additional works associated with supplying electricity to the traffic and streetlight controllers; HPD1/2 interface changes in scope (price has been received and accepted, a Variation needs to be raised so that quantities can be claimed). 	
03.	<p>Design</p> <ul style="list-style-type: none"> RFIs: 97 submitted; 3 open RFI079A (Streetlighting beneath bridge) – a response has been issued. Hewatt will provide two prices for the change in design (for 'Ford' style pole to match HPD1 and a standard galvanised pole). The same solution implemented on HPD1 is yet to be accepted by TaMS – <u>it is awaiting response/inspection from Chris DeChamps.</u> RFI087A (Change in footing type for stone pitched wall) – Brown have endorsed the proposed changes to the footing. This will result in a footing that is easier to construct. 	<p>Hewatt</p> <p><i>Browns / SSP / ED</i></p>



<p><u>RFI101</u></p>	<ul style="list-style-type: none"> RFI097A (Transitions of footpath and kerb to bridge) – the design for the earthworks abutting the approach slab did not tie in to the formation of the footpath and fencing on the bridge. Brown are reviewing the error and are expected to respond this afternoon (Friday 24/01/2014). Other open RFIs are relatively minor and a response will be issued shortly. noted that Hewatt would raise an RFI in relation to changes to the design of the seal to be used for HPD2. JH provided an update on the report that the <u>ex-RMS</u> consultants were putting together for the asphaltting on HPD1 (and the use of SMA across the territory). JH expected the report for HPD1 SMA would be received next week (week ending Fri 31/01/2014). 	<p>/Brown</p> <p>/Hewatt</p> <p>10mm or 14mm SMA</p> <p>- Kerbs in place</p>									
<p>04.</p>	<p>Site Compound</p> <ul style="list-style-type: none"> Nil. 	<p>- Need decision ASAP</p>									
<p>05.</p> <p>Updated Program Cashflow</p>	<p>Program</p> <ul style="list-style-type: none"> Hewatt are currently revising the construction program and forecast cash flow to Project completion. The completion date still looks to be <u>towards the end of March 2014.</u> Progress in January has generally been pretty good. Subsoils, sub-base placement and shared trench are all nearing completion. SMA still programmed to be placed in March 2014. updated current PC dates, as per below: <table border="1" data-bbox="423 1097 1183 1198"> <thead> <tr> <th colspan="3">Current PC Dates</th> </tr> </thead> <tbody> <tr> <td>SP1 & SP3</td> <td>Civil, Burrumarra Ave – HPD1</td> <td>31 Mar 2014</td> </tr> <tr> <td>SP2 & SP4</td> <td>Landscape, Burrumarra Ave – HPD1</td> <td>29 Sep 2014</td> </tr> </tbody> </table>	Current PC Dates			SP1 & SP3	Civil, Burrumarra Ave – HPD1	31 Mar 2014	SP2 & SP4	Landscape, Burrumarra Ave – HPD1	29 Sep 2014	
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<p>06.</p> <p>100% subbase placed</p>	<p>Environmental</p> <ul style="list-style-type: none"> No EPA visits in Dec 2013/Jan 2014; ✓ asked when bitumen straw mulching is planned for the topsoiled areas (particularly up around Casey where dust is more of an issue due to inhabited homes). Hewatt were to consult the landscape subcontractor. - 3 week time 										
<p>07.</p>	<p>Industrial Relations</p> <ul style="list-style-type: none"> Nil. ✓ 										
<p>08.</p>	<p>Traffic</p> <ul style="list-style-type: none"> noted that the ex-RMS asphalt consultants requested that the entrance arrangement at Amaroo School be realigned in order to identify whether it is having an effect on the SMA. 										
<p>09.</p>	<p>Community</p> <ul style="list-style-type: none"> The only addition to the Public Liaison Register since the last meeting has been the notification given to Lend Lease regarding trenching works within Springbank Rise. The trenching works have commenced and Lend Lease have no issues with the works. Hewatt will inform Lend Lease upon completion of works in the area. - No interface issues. - only tidying up 										
<p>10.</p>	<p>Staffing</p> <ul style="list-style-type: none"> ✓ has taken over as Project Engineer. has left the Project. ✓ JC is working with PH for SSP on a number of Projects. He will be keeping Pat informed of any necessary items. 										
<p>11.</p>	<p>Utilities</p> <ul style="list-style-type: none"> Watermain handover is expected to occur towards the end of 										

- Pulling cable now

Next wk - Mon/Tues

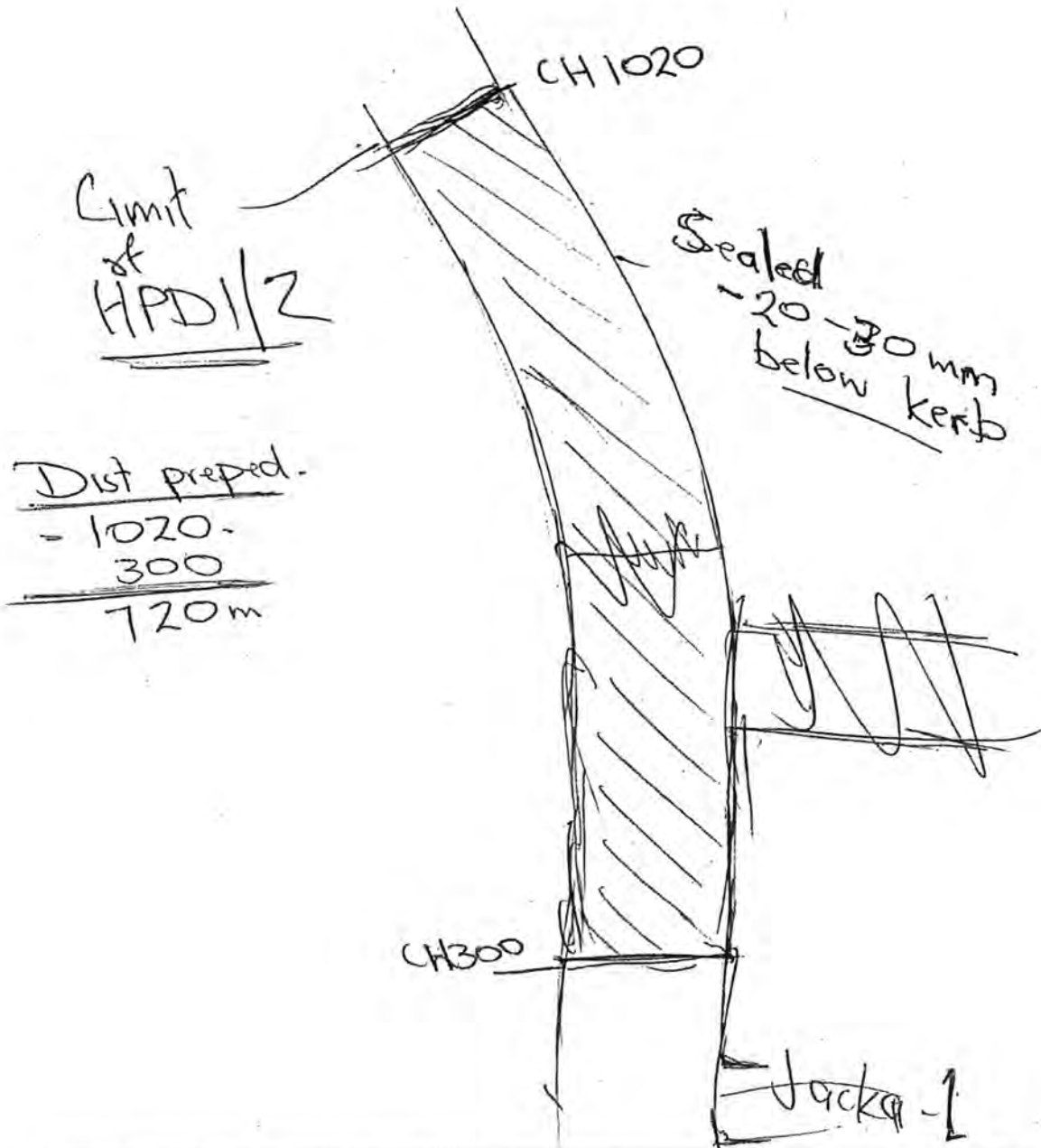
<p>TransAct Completed</p>	<p>February. Pressure testing will be carried out following the installation of the scour outlet next to the floodway.</p> <ul style="list-style-type: none"> Hewatt will be ready for ActewAGL to pull cables for electrical supply to traffic and streetlight controllers by mid-February. Hewatt to liaise with ActewAGL to book a date. Telstra subcontractor to install connection from traffic light controller in HPD1 (Jack Access 1) to HPD2 (Mirrabai Dr). Works to be completed as part of Provisional Sum. 	<p>Next wk Waiting of WAE's</p>
<p>12.</p>	<p>Issues</p> <ul style="list-style-type: none"> Additional wearing course works around Burrumarra Ave – Roads ACT to still confirm a number of design details including temporary kerbing, TCDs, etc. Once these details are confirmed TTMPs will need to be prepared. JC was to follow the issue up with PH. <ul style="list-style-type: none"> Post-meeting note: PH informed SMEC (25/01/2014) that the wearing course works at Burrumarra Ave will no longer be carried out by Hewatt as part of HPD2. Roads ACT will complete these works. didn't have any other major issues, however mentioned potential issues with supply of gravels on demand and progress of kerb subcontractor. will inform Roads ACT (B.McHugh) of the revised dates for the opening of HPD1&2. 	
<p>13.</p>	<p>EOT</p> <ul style="list-style-type: none"> EOT Status (11 submitted): 49.5 Days Claimed; 33.5 Days Granted 	<p>- See Register - PC - 2/4/14</p>
<p>14.</p>	<p>Variations</p> <ul style="list-style-type: none"> Status (including BoQ over/underruns) (excl GST): Submitted; Agreed; 1 Certified for payment (as at end of Dec '13) There are still a number of Variations that Hewatt have informed SMEC of that need to be formally raised with a Variation Claim letter. noted if the wearing course work is to be carried out as part of HPD2, variations will be close to 	
<p>15.</p>	<p>Progress Claims</p> <ul style="list-style-type: none"> Progress Claim No. 9 Certificate for December 2013 issued. SMEC and Hewatt will close off the Provisional Quantity Pay Items as the associated work is completed (rather than waiting until the end of the Contract). asked about dates for payments for HPD1 and HPD2's December 2013 claims. <ul style="list-style-type: none"> Post-meeting note: PH advised that payment for HPD1 will be on 28 January 2014 and HPD2 on 30 January 2014. 	
<p>16.</p>	<p>Quality Assurance</p> <ul style="list-style-type: none"> HPs: 252 raised; 9 open NCRs: 23 raised (19 Quality; 4 Safety) Majority of open Hold Points were awaiting construction/action from Hewatt prior to release. NCR status unchanged since last meeting. JH noted that the quality of the stone-pitching had improved. What had been produced since the last meeting looked good. A section of stone-pitching is still to be replaced. 	

Prog - WAE's
- Utilities
- Civil

PQ & PS
Being rationalised
clarified

17.	Working hours and days <ul style="list-style-type: none"> ✓ Australia Day Public Holiday Monday 27th Jan 2014 & RDO Tues 28th Jan 2014. 	Noted
18.	Construction Matters <ul style="list-style-type: none"> ✓ Anti-graffiti coating to be clear coloured (unlike HPD1). Cracks in concrete abutments <u>still need to be rectified prior to application of coating.</u> 	Noted
19.	Subcontractors <ul style="list-style-type: none"> to send over contract for Lines and Signs subcontractor. ✓ 	
20.	Next Meeting(s) <ul style="list-style-type: none"> Friday, 7th February 2014 – Site Meeting 	
21.	Other?	

21st.



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	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
6	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
7	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
8	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

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

REQUEST FOR INFORMATION (RFI) - OPEN



Status Legend:

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

RFI Number	Description	Date Raised	Response Required by Date?	Issued to Designer?	Date issued to Brown	Response From Brown	Discipline:	Classification	Comment	Status
096A	Locations of conduits to provide power (& comms) to SLCC and TLC	23/01/2014	23/01/2014	No			Utilities	Design Clarification		Open
098A	Approval for disposal of additional trench spoil material at approx CH460-600 (Taylor side)	21/01/2014	23/01/2014	No			Earthworks	Other Approval		Open
100A	Proposal to shift KO to achieve clearance requirements for equestrian & footpaths	5/02/2014	6/02/2014	No			Concrete Kerbs, Footpaths and Minor Works	Design Clarification		Open
101A	Pedestrian handrail footings on LHS of bridge (past approach slabs)	5/02/2014	6/02/2014	Yes	6/02/2014		Bridge Work	Design Error		Open
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

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 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
TOTALS					51.5	35.5						



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. 1. Locations of stockpiles 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	
011	Proposal to install Conduit Crossings at Road 04 and Mirrabai Dr Intersections	As part of the electrical supply to the streetlight and traffic light controllers, electrical conduit crossings will need to be installed at Road 04 and Mirrabai Dr. It is proposed all conduits be installed to prevent future damage to the completed works.	30/08/2013	SMEC has issued an instruction to Hewatt to provide a price for the works and complete the works.	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.	25/06/2013	Gate installed and rules put in place to allow to relocate his cattle and sheep.	Closed	
6	12/06/2013		John Husband	Email	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		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		(Lend Lease - Springbank Rise)	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				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, 23 January 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 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	
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 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	19/09/2013			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. Lee 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	26/10/2013			Phone	contacted to inform him of works within (on which he holds a grazing licence).	26/10/2013	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 ock 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	

Thursday, 23 January 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.		None required. Lend Lease will be informed when works are complete.	Open	

PUBLIC LIAISON REGISTER - ALL



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Friday, 7 February 2014

Page 1 of 3

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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, 7 February 2014

Page 2 of 3

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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	' 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	

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						
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		Changes to the Watermain from Tender				Scope Change		Agreed
07		Supply and Installation of Combined Usage Pole				Contractor Proposed Alternative		Agreed
08		Select CBR Changes from Design to Construction				Design/ Document deficiency		Agreed
09	008	Pricing of Missing Pay Items from the Bill of Quantities				Design/ Document deficiency		Agreed
10		Supply of 375mm uPVC Sewer Pipe not used				Design Improvement		Agreed
11		Anti-graffiti coating on bridge surfaces				Superintendent Request		Agreed
12	007	Survey Works for Fence Realignment at Swale 15				Design/ Document deficiency		Agreed
13	N/A	Additional Works for the Floodway				Scope Change		Agreed
22		Additional Length of PD1 Fencing with In-situ Footings				Limit of Accuracy		Closed
TOTALS								

HOLD POINT REGISTER - OPEN

Release No	Specification No	Specification Name	Clause No	Clause Description	Lot No	Date of Submission	Status	Comments
0221	Section 3	Underground Services	3.3 (3.03.2)	Inspection of Trench Foundations	CSW2: B1-B4	9/12/2013	Open	Excavation completed from B1-B2.
0223	Section 9	Landscaping	9.9 (9.09.5)	Planting provide notification of planting position and submit guarantee from supplier that plants are true to species and type	CLP01: CH1100-1500 LHS	11/12/2013	Open	Plant supplier guarantee not submitted
0224	Section 9	Landscaping	9.9 (9.09.5)	Planting provide notification of planting position and submit guarantee from supplier that plants are true to species and type	CLP02: CH700-1100	11/12/2013	Open	Plant supplier guarantee not submitted
0253	Section 3	Underground Services	3.7 (3.05.4.xii)	Inspection of reinforcement in Concrete Reinforced Structures	SSW10 (J3), SSW11 (F9), SSW12 (G6) Wing Walls	29/01/2014	Open	Awaiting CoCompliance for reinforcement from Hewatt
0254	Section 3	Underground Services	3.7 (3.05.4.xii)	Inspection of reinforcement in Concrete Reinforced Structures	SSW13 (H7), SSW14 (J7), SSW15 (M5) Wing Walls	29/01/2014	Open	Awaiting CoC from Hewatt
0258	Section 4	Flexible Pavement	4.2 (TEC 4.03.4)	Submission of conformance tests/survey prior to placement over subgrade	RSB08: CH890-990	30/01/2014	Open	Awaiting test information from Hewatt
Total = 6								

PROJECT PHOTOS:



Image 01: Stone-pitching on Casey side of bridge

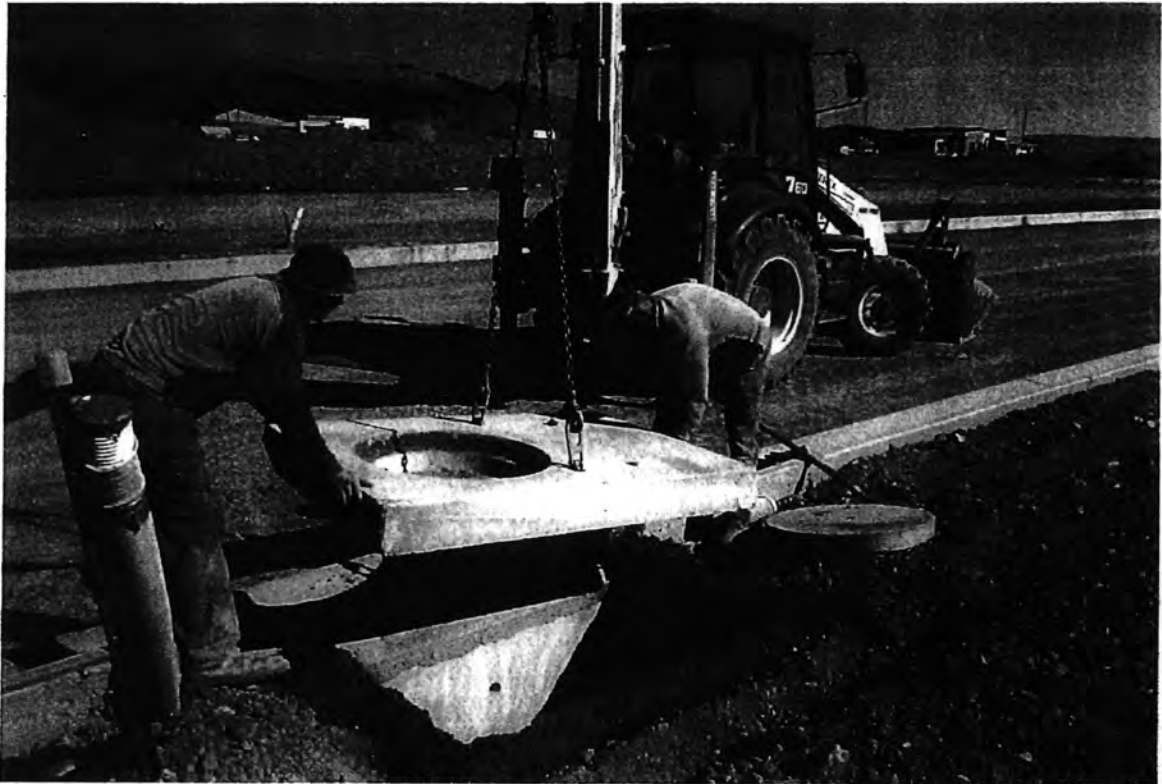


Image 02: Lid slabs for stormwater pits installed from CH60-700

HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEL DRIVE



ACT

HEWATT

SMEC

WEEKLY REPORT FOR WEEK ENDING: 8 February 2014

1. WHS

- a. Site inductions continuing 178 personnel to date;
- b. Working hours reduced as the temperature exceeded 35°C Monday 3 February 2014.

2. Traffic Management

- ✓ a. Entrance to Project at Amaroo School to remain in current configuration due to safety and traffic management reasons;
- b. Site vehicles now using main carriageway for access throughout Project.

3. Design

- a. *Pedestrian handrail footings adjacent to approach slabs (RF1101A)* – Brown are preparing a detail to incorporate the pedestrian handrail footings into a strip footing which will retain the decomposed granite;
- b. *Raising of Telstra Pit at CH40 (RF1104A)* – the existing concrete Telstra pit at CH40 requires raising to match adjacent levels of HPD2's shared path.

4. Construction

- a. DGS placed from CH880 to CH1490 completing placement of sub base 100% across site;
- b. Subsoil lines 100% Complete – high end risers to be installed;
- c. Guard and hand rail installation continuing at the bridge;
- d. Storm water Line B pipe laying and backfilling completed;
- e. Stone pitching of floodway drop structures and channel continuing;
- f. Excavation, laying and backfilling of conduit for street light power supply from Casey substation completed;
- g. Streetlighting conduit – excavation, placing and backfilling continuing;
- h. Construction of electrical micro-pillar plinths commenced;
- i. Jute mesh placed in swales and topsoil placed in a number of locations;
- j. Transition kerbs from bridge to carriageway kerbs constructed.

5. Meetings

- ✓ a. Fortnightly construction meeting held Friday 7 February 2014.

6. Issues

- a. *SMA Report by ex-RMS consultants for HPD1* – outcomes from the report produced relating to the placement of SMA14 for HPD2 pavement are yet to be determined. SMA placement planned for start of March 2014;
- b. *Excess material potentially requiring disposal* – SMEC and Hewatt are working to lose most material on-site where possible;
- c. *Additional Conduit Crossings across HPD at Mirrabell Dr and Road 04 Intersections (ISS013)* – works have been completed, Hewatt will submit a price for these works to SMEC;
- d. *Interface with Springbank Rise (ISS002)* – trenching within Springbank Rise is completed and Lend Lease have been informed. Hewatt are to make good the disturbed areas.

7. Payments

- a. SMEC has received Hewatt's Progress Claim for January 2014.

8. Activities Planned for the Upcoming Fortnight

Forecast temperatures of around 35° for next week may limit production.

- a. Stone pitching of floodway;
- b. Landscape activities;
- c. Install conduit for street light power supply;
- d. Commence installing street light columns;
- e. Kerb construction carriageway and traffic islands;
- f. Installation Type R sump cover slabs;
- g. Construct pits and manhole for storm water line B beneath the bridge;
- h. Commence concrete foot paths and approaches at the bridge;
- i. Excavate trench and lay conduit for street light power supply;
- j. Commence construction of shared path;
- k. Installation of Guard rail.

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 sub base at CH1400



Laying pipe in storm water line B

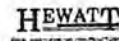


Installation of conduits for street light power supply from Casey sub station



Kerb transition from bridge SFK at CH410

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



MEETING: SITE MEETING - MINUTES

LOCATION: Project Site Office, Horse Park Drive, Jacka
DATE: Friday, 7 February 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 <ul style="list-style-type: none"> noted that there had been a few pedestrians/cyclists that have tried to walk through site, including a cyclist who was escorted off-site. This will be added to the Incident Register. There were no other WHS incidents since the last meeting. PH/JH were going to investigate the need for an ACT Govt WHS Audit, however the Project is getting close to the end. 	PH
02.	Review Previous Minutes / Matters Arising <ul style="list-style-type: none"> has sent through a number of Variation Claims for past works. A price for the supply of electricity to the traffic and streetlight controllers is yet to be received. Hewatt did not raise an RFI in relation to the proposed change to the seal type as they are awaiting the outcomes of the SMA Report from the ACT Govt. to advise Roads ACT/B.McHugh of revised completion dates for HPD1/2. 	
03.	Design <ul style="list-style-type: none"> RFIs: 101 submitted; 4 open Hewatt sent through a price for the revised design to the streetlighting beneath the bridge. The post will be as per the original design style – galvanised. Hewatt have ordered the poles – there is a 10 week lead time before delivery. HPD1 is still awaiting approval for this solution from Chris DeChamps. asked for confirmation of push button offset dimension requirements. There appears to be no standard drawing. was to check corresponding details from RMS drawings. were to raise an RFI on the issue and would liaise with Roads ACT. JH updated the meeting on the outcomes of the SMA investigations/report for HPD1. JH mentioned there could be the potential for a change in the stone size for SMA (SMA14 to 	- OA received - dia received



	<p>SMA10) or increasing the depth of the SMA14. It was noted that the majority of the kerb has been installed for HPD2. Therefore, going to a deeper SMA layer may be an issue. to include it in the Issues Register and JH was to advise of any outcomes from future discussions.</p> <ul style="list-style-type: none"> o asked if the site team would have a chance to look at the reports. JH advised two reports were being prepared. The first specific to SMA on HPD1 and the second was an overall report on the use of SMA throughout the ACT. This report may be sent out to the consultants for comment. o There were a few other points raised in the report, eg. Amount of cutback oil to be used in seal, etc. These are going to be important for HPD2. The material Hold Points and work methods for the seal and asphalt will be crucial. 	JH									
04.	<p>Site Compound</p> <ul style="list-style-type: none"> • Demobilisation of the site compound was likely to occur towards the end of March 2014, just prior to Project Completion. 										
05.	<p>Program</p> <ul style="list-style-type: none"> • will send through revised cash flow and program. • Generally program is going well – sub-base placement has been completed. • Hewatt will continue to closely monitor the progress of the kerb placement and the supply of gravel material. • Seal and asphaltting looking to be completed in early March 2014. A significant time gap is not forecast between placement of seal and SMA, as it is not required by the specifications. <ul style="list-style-type: none"> o The amount of cutter oil in the seal will be important if there is not a lot of time between the placement of seal and SMA. A hold point will be submitted prior to the seal and SMA placement. <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="3">Current PC Dates</th> </tr> </thead> <tbody> <tr> <td>SP1 & SP3</td> <td>Civil, Burrumarra Ave – HPD1</td> <td>02 Apr 2014</td> </tr> <tr> <td>SP2 & 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	02 Apr 2014	SP2 & SP4	Landscape, Burrumarra Ave – HPD1	07 Oct 2014	
Current PC Dates											
SP1 & SP3	Civil, Burrumarra Ave – HPD1	02 Apr 2014									
SP2 & SP4	Landscape, Burrumarra Ave – HPD1	07 Oct 2014									
06.	<p>Environmental</p> <ul style="list-style-type: none"> • No environmental issues. • Topsoiling of site nearing completion and bitumen straw mulching will commence soon. 										
07.	<p>Industrial Relations</p> <ul style="list-style-type: none"> • Nil 										
08.	<p>Traffic</p> <ul style="list-style-type: none"> • noted that the entrance to the site at Amaroo School will be left the same due to safety and traffic reasons. It is likely any change may cause confusion to site staff and the public. 										
09.	<p>Community</p> <ul style="list-style-type: none"> • to send note to Roads ACT about the current date for PC and potential road opening for HPD2. This will allow Roads ACT to send any potential community notices out. • will inform Lend Lease/Springbank Rise that the wearing course works at Burrumarra Ave roundabout will not be undertaken as part of HPD2 works. • Contact will be made with Lend Lease regarding making good disturbed areas within Springbank Rise from trenching works. 	Hewatt									

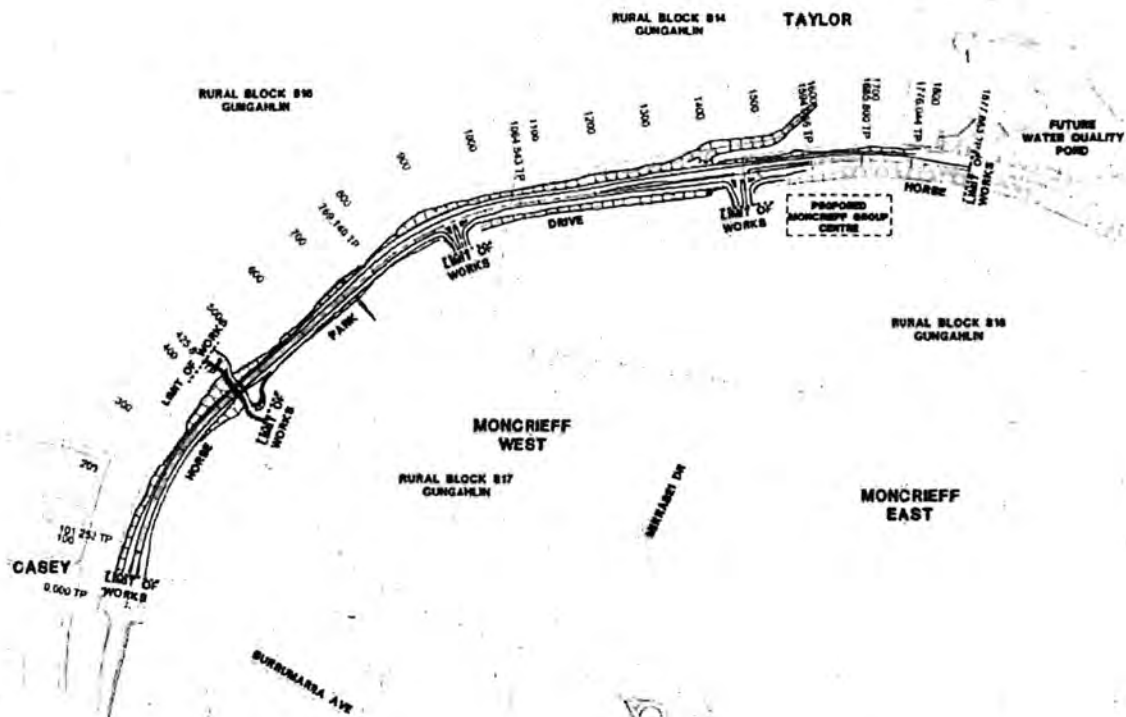
10.	Staffing <ul style="list-style-type: none"> • Nil 	
11.	Utilities <ul style="list-style-type: none"> • Hewatt are to provide a price for the civil works associated with ActewAGL electrical supply to traffic and streetlight controllers. • / gave an update on the status of handover for the utilities: <ul style="list-style-type: none"> o Watermain testing by Hewatt was to take place early next week and then a request for ACTEW Water to test would be submitted. Note the final scour valve is to be installed beneath the bridge prior to this; o CCTV has been completed for stormwater. WAE information completed and being put into drawings; o WAE for NBN will be sent and then NBN will organise a handover inspection. • Hewatt will prepare a WAE schedule of when information is likely to come out for review. will include the handover process & progress as an issue in the register so that it can be easily tracked. • Ray Surveys will be preparing the WAE drawings for HPD2. • ActewAGL will be onsite next Wed/Thurs to install cabling for the electrical supply to the traffic and streetlight controllers. 	Hewatt
12.	Issues <ul style="list-style-type: none"> • MS raised the issue that all handovers for HPD2 will be through TaMS Asset Acceptance. Therefore, there will not be a single inspection, there will be multiple with different people for different elements of the work. 	
13.	EOT <ul style="list-style-type: none"> • EOT Status (12 submitted): 51.5 Days Claimed; 35.5 Days Granted • EOT No. 12 was raised for 2 days inclement weather. This was approved and the PC dates have been revised. 	
14.	Variations <ul style="list-style-type: none"> • Status (including BoQ over/underruns) (Submitted; - Agreed; Certified for payment (as at end of Dec '13) • submitted a number of Variation Claims with the January 2014 Claim. These will be assessed and responses issued by SMEC. 	
15.	Progress Claims <ul style="list-style-type: none"> • will send the January 2014 claim over for assessment. • Discussions were held prior to the site meeting regarding some interpretations of the Specifications. There were a few actions required to start to close out some of the Prov. Quantity Pay Items. 	
16.	Quality Assurance <ul style="list-style-type: none"> • HPs: 258 raised; 6 open • NCRs: 23 raised (19 Quality; 4 Safety) • to talk with KP/SS about a few outstanding QA issues. 	
17.	Working hours and days <ul style="list-style-type: none"> • Nil 	
18.	Construction Matters <ul style="list-style-type: none"> • A new delivery of stone was received this morning (Fri 7/2/14). The colour matches the original coloured stone that was previously supplied. 	

19.	Subcontractors <ul style="list-style-type: none"> • to send over contract for Capital Lines and Signs () 	
20.	Next Meeting(s) <ul style="list-style-type: none"> • Friday, 21st February 2014 – Site Meeting 	
21.	Other?	

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: 11

Reporting Period: February 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	4
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	11
7. Quality	11
8. Traffic	11
9. Community	11
10. Industrial Relations	12
11. Upcoming Works	12
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

Nil Lost Time Injuries (LTI's) have been reported for February 2014 or for the Project to date.

It was noted in a Site Meeting that there have been a few occurrences of pedestrians walking within the completed section of HPD1 and vehicles entering the site inadvertently at Amaroo School.

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

Whilst February 2014 was a short month a significant amount of progress was achieved by Hewatt. The Project is moving into its final stages, with a lot of 'finishing' works being completed. This has put pressure on any design issues that have arisen during the month.

Hewatt have been working concurrently on SP1 and SP3 as per the revised dates for Practical Completion. A summary of the work completed in February 2014 is provided in Sections 2.1 and 2.2.

2.1. Separable Portion 1 & 3

Bridgeworks:

- Hand railing footing completed on Casey side of bridge ends;
- Concrete encasement completed for services adjacent to approach slabs.

Pavement:

- Sub-base placement was completed across site;
- Base placement commenced – 20% Complete (HPD1 to Mirrabei Dr completed);
- Kerb placement continuing – 70% Complete;
- Subgrade preparation commenced for trunk cyclepath;
- Concrete infills poured for traffic islands – 20% Complete;
- Earthworks and set out for equestrian and shared path adjacent to floodway completed.

Carriageway & Road Furniture & Misc.:

- Streetlighting installation of poles and lanterns continued – 90% Complete;
- Guardrail post hole installation was completed and guardrails are now 90% Complete. Rock was encountered whilst driving posts and alternative treatments were required.

Floodway:

- An area of stone pitching on the western embankment was removed and is to be replaced by Hewatt.

Underground Services:

- ACTEW Water pressure testing of the watermain and vacuum testing of the sewer was completed (and passed);
- ActewAGL completed cable and mini-pillar installation from the Casey substation to the mini-pillars at Road 04 and Mirrabei Dr;
- Stormwater Line B was completed beneath the bridge. This completes all stormwater works for the Project;
- Subsoil drains were rodded for blockages (and passed). Installation of high end and intermediate risers was commenced.

Landscaping:

- Topsoil placement continued along the verges of the road. Topsoiling works are approx. 95% complete;
- Bitumen Straw Mulching continued on-site;
- Excavation for tree pit holes continued. The holes were backfilled with sandy loam and a bund of mulch was installed around them.

2.2. Separable Portion 2 & 4

- Nil.

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:
 - Hewatt completed trenching behind the kerb within Springbank Rise for the electrical connection to the Casey substation. Lend Lease have subsequently bitumen and straw mulched this area as part of larger scale works they were completing in the area. SMEC and Hewatt will meet with Lend Lease to discuss a number of issues regarding handover of the two projects;
- b. EDD Report on SMA within HPD1 & Outcomes for HPD2 (ISS018):** EDD has advised that the placement of base material should be carried out accounting for a 30mm thick SMA layer. In early March 2014, EDD confirmed that SMA10 at 30mm thickness will be used for HPD2 works. EDD have also requested Hewatt review the RMS Specification R121 and advise if they are adverse to using this specification
- c. Stone Pitching on the Western Bridge Embankment:** in February 2014, a section of stone-pitching was removed and to be replaced. In early March 2014, EDD requested that this area was not large enough and requested additional areas to be removed. This issue is ongoing;
- d. Raising of Telstra Pit at CH40:** there is an existing Telstra Pit at CH40 which is currently 0.5m lower than the FSL in this area. The pit is located adjacent to the trunk cycle-path and needs to be raised. As it is Telstra infrastructure, Telstra are required to raise this pit. However, it will be paid for by the Project. Telstra are currently looking for an ACT IRE Certified contractor to complete the works.

The Issue Register has been included in Appendix C

3.2. Key RFI's

There were a total of fourteen (14) RFIs raised in February 2014. The majority of these RFIs related to clashes or errors in the design of a number of elements coming together in the final stages of construction. SMEC and Brown worked together to respond to these RFIs and at the end of the month there was only one RFI open.

The significant RFIs addressed during the month were:

- **RFI100A: Design does not achieve minimum clearances for footpaths beneath the bridge:** the design cross-sections for the floodway, footpaths and retaining wall do not provide the adequate clearance for the shared path to the stone-pitched batter. The solution has been to widen the shared path to achieve the clearance requirements and raise the adjacent kerb to 'retain' some of the stone-pitched batter. This will involve the addition of reinforcement into the kerb;
- **RFI097A & RFI101A: Issues associated with the footpath and kerb transition at the bridge:** the interface between the bridge design and the earthworks formation did not align for the kerbing and footpaths. This was a design error that had the potential to delay works on site. SMEC and Brown worked together to arrive at an effective and timely solution. Construction of all elements associated with these changes will be completed in early March 2014;
- **RFI109A: Stone-pitched retaining wall clash with Stormwater Line:** the footing for the stone pitched retaining wall clashes with the top of Stormwater Line B. Brown has provided a revised model including a bridging detail over the stormwater pipe. The revised design also includes the provision of terminations of the retaining walls at either end;
- **RFI112A: Confirmation of changes to pavement design:** Hewatt raised an RFI in relation to ISS018, requesting that any changes to the SMA pavement be confirmed. The RFI also included clarification on the spray seal design. There have been no changes to the spray seal design;
- **RFI113: G4 Barrier post placement into rock:** a section of the guardrail post installation involved installing the posts into hard ground/rock. SMEC provided details of how to address this using the Australian Standard and an RMS Standard Drawing.

SMEC and Brown met on site in the final week of February 2014 to resolve a number of these RFIs and several other design issues that had the potential to delay upcoming works. The outcomes of this meeting included a revised design model and numerous directions/instructions on how to address these issues.

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 merge 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 14th 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

There were two EOT Claims in February 2014, totalling 2.5 days extension for inclement weather.

The remaining works (according to Hewatt's current program) are shown in the below table. A more detailed outline of the upcoming works can be found in Section 11.

Fortnight	Works to be carried out
3 Mar – 15 Mar	Completion of kerbs; Placement of base for main alignment and shared path; Prime for main-alignment and shared path, Stone pitching,
17 Mar – 2 Apr	14/7mm Seal & SMA Placement for main alignment; FGG AC to be placed for shared path; Lines & signs; Bridge railings, Landscape Planting; Handrailing and fencing.

The revised date for commencing asphaltting works for HPD2 has been pushed back to 31 March 2014. This will see construction works complete in the second week of April 2014 (potentially 11 April 2014). This date still requires a considerable amount of work to come together in a short time frame. The final completion date has the potential to be pushed out towards the end of April 2014.

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

4.2. Extension of Time (EOT)

To date, thirteen (13) EOT claims have been submitted by Hewatt. Two EOT Claims were raised in February 2014 due to inclement weather.

A total of 52 days have been claimed by Hewatt, with 36 days being approved.

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/ 06 May 2014	3 Apr 2014
SP2/4	Burrumarra Ave – HPD1 Interface	Landscaping	03 Jun 2014/ 04 Nov 2014	7 October 2014

The EOT Register is included at Appendix B.

5. Financial Position

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

5.1. Progress Payments

Progress Payments certified to the end of February 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. 11 for February 2014:

NB: all amounts are inclusive of GST.

The following table shows Progress Payment Certifications to date:

Progress Payment No.	Month	Payment Certified (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	
Total to Date:		

Figure 5.1: Hewatt's Original and Revised Forecast Claim against Actual Claim, as at 28 February 2014.

5.2. Claims and Variations

SMEC's Variation Register is included at Appendix D.

There have been a total of 36 Variations raised to date. The total agreed value for Variations is currently being certified as at the end of February 2014.

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

- V06 – Changes to Watermain Design
- V09 – Pricing of Missing BoQ Items
- V29 – HPD1/2 Change in Scope
- 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	Amount (excl GST)	Total Claimed to Date (excl GST)	% of Scheduled Quantity Claimed	% of Works Completed (SHE)	Estimated Final amount (excl GST)
2.0 EARTHWORKS							
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)					
3.0 UNDERGROUND SERVICES							
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)					
4.0 FLEXIBLE PAVEMENT CONSTRUCTION							
403P3.5	CBR6	m3 (PQ)					
8.0 INCIDENTAL WORKS							
804P1.3	Fence Type VS (Vermin and Stockproof)	m (PQ)					
804P1.6	Adjustment to existing fences as directed by the Superintendent	Item (PQ)					
Total Scheduled (excl GST)							

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

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. The increase in SMEC's Estimated Final Contract Value is due to the additional cost that will be claimed under the Telstra Works Provisional Sum, particularly for the raising of the existing Telstra Pit at CH40 (refer to Section 3.1 – Key Issues).

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. _____ compared to the Original Contract Value of _____. 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. There have been no site visits by ACT EPA. A visit from the ACT EPA Representative is planned for late March 2014. This visit will be to review Hewatt's implementation of environmental controls in accordance with the waterways licence.

There was a significant rain event recorded in February 2014, involving two 10-15 minute periods of +10mm of rainfall in a single afternoon. The site held up quite well considering. Photos of the rain event can be found in Appendix I.

7. Quality

As at 28 February 2014, a total of 276 Hold Points have been raised with 11 yet to be released. The 'open' Hold Points are awaiting works to be completed prior to inspection/release.

A total of 28 NCRs have been raised on the Project to date. This includes 20 Quality NCRs and 3 safety NCRs. Hewatt are expected to close out the 'Open' NCRs in March 2014.

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

Hold Point Register Status	As at 28 February 2014	NCR Register Status	As at 28 February 2014
No. Raised	276	No. Raised	28
No. Open	11	No. Open	5

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

Throughout February 2014 Hewatt and SMEC were in correspondence with Lend Lease to inform him on progress of the electrical trenching required to be undertaken by HPD2 within Springbank Rise and of other issues including handover and landscaping.

The Public Liaison Register can be found at Appendix G.

10. Industrial Relations

The only issue concerning industrial relations in February 2014 was that Telstra proposed to use a subcontractor that did not have ACT IRE Certification to raise an existing pit. Correspondence with Telstra on this issue is ongoing.

11. Upcoming Works

The following works are planned for March 2014:

Pavements:

- Completion of base material placement across site;
- Application of prime to the base material;
- Placement of two-coat sprayed seal (14/7mm);
- Completion of all kerbing and traffic island works;
- Completion of base placement for trunk cyclepath (and priming);
- Commencement of SMA works across the 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.

Services:

- Connect gas and electricity to existing services;
- Complete WAE for services and progress with handover to ACTEW Water.

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.

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	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 spill 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
6	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
7	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
8	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

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

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 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
TOTALS					52	36						

Appendix C. Issue Register

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



ISSUES REGISTER

Issue Number	Description	Details	Date Raised	Raised By	Action	EOT-Variation No (If Applicable)	Status
001	Environmental Approvals from ACT EPA	Hewatt are to obtain Environmental Approvals from the ACT EPA prior to commencing works. The approval process is taking a long time.	1/04/2013		ACT EPA Approved methodologies and plans on the 24th May 2013		Closed
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. 1. Locations of stockpiles 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
003	DA Requirement - Conservation Management Plan	The Development Approval calls for the preparation of a Conservation Management Plan that allows for artefacts comprising HPD PAD1 to be salvaged. Prior to works commencing in and around HPD PAD1, the ACT Heritage Unit need to provide a approval.	11/04/2013		Approval received from ACT Heritage Unit	VO.01 & 02	Closed
004	Bicentennial National Trail (BNT) through Site	The current alignment of the BNT directs users (pedestrians, horses, bicycles) through the HPD2 construction site. A provision needs to be made to redirect the route to allow safety to the trail users	15/04/2013		The route was directed in consultation with BNT Representative SMEC relocated the signs previously located within HPD2 to locations agreed to with		Closed
005	Treatment of fill & cut areas in poor and good ground conditions	An alternative option to the treatment of unsuitable ground in cut and fill areas was proposed by Hewatt and reviewed by SMEC (in conjunction with Brown Consulting and Douglas Partners). The result of the investigation was to leave the design unchanged.	23/04/2013		The treatments were to remain as per the current design, with the exception of deep fill in good ground conditions, where the treatment on dwg 11 was approved		Closed
006	Approved TCD drawings not yet received	The TCD drawings require approval from Roads ACT. This formal approval has not occurred and therefore the approved drawings have not been issued to the Contractor	27/06/2013		Approved drawings received 8th August 2013		Closed
007	Swale designed within Rural Block 814	The main swale discharging water from the Project has been designed within Rural Block 814. No prior approval has been granted to work within this property. Land withdrawal is required and an agreement with the property owner is being negotiated.	29/06/2013		Agreements have been made with the new leaseholder of the land and construction access was granted on the 10th October 2013. The official Land Withdrawal will take place on the 14th November 2013. The fencing has now been completed.		Closed
008	Pricing of missing Pay Items from BoQ	During SMEC's design review a number of Pay Items were identified to be missing from within the Bill of Quantities. Hewatt are requested to submit prices for these missing items for payment.	1/08/2013		Hewatt have provided rates for each of the missing items. These rates have been raised as part of V09. SMEC will review and close out the variation.		Closed

Issue Number	Description	Details	Date Raised	Raised By	Action	EOT-Variation No (If Applicable)	Status
009	Wearing course for Whitrod-Burrumarra Ave roundabout	SSP/Roads ACT have asked HPD2 to submit an indicative cost for placing the wearing course at the Horse Park Drive Roundabout at Whitrod/Burrumarra Ave.	1/08/2013		SSP advised on 25 Jan 2014 that these works will not be proceeding as part of HPD2. Roads ACT will complete these works under a separate contract.		Closed
010	Boundary Adjustment Issues along Road Corridor	A number of areas have been identified where the construction works for the Project encroach into surrounding properties. The floodway on the Taylor side of the bridge is designed within Block 816's boundary.	23/08/2013		The appropriate surveys and plans have been produced and forwarded to ACTPLA to commence the land withdrawal process with ACTPLA have commenced the land withdrawal process. Date for withdrawal is 4 February 2014. LandData will prepare the amended DP for the new Block.		Closed
011	Proposal to install Conduit Crossings at Road 04 and Mirrabai Dr Intersections	As part of the electrical supply to the streetlight and traffic light controllers, electrical conduit crossings will need to be installed at Road 04 and Mirrabai Dr. It is proposed all conduits be installed to prevent future damage to the completed works.	30/08/2013		Hewatt have completed the works and a Variation has been paid.		Closed
012	Interface with Ngunnawal 2C	The design for Ngunnawal 2C development on the southern side of Horse Park Drive includes a sound mound that encroaches into the HPD2 Project.	29/08/2013		Brown have responded to RFI063A and have provided advice/confirmation on a number of issues.		Closed
013	HPD1-HPD2 Interface Change in Scope	Due to the relative timings of the two projects, the transition between HPD1 and HPD2 is proposed to be constructed as a single operation.	5/09/2013		SMEC and Brown (Superintendents on HPD1) have met to discuss the division of responsibility for each Superintendent. A Limit of Works has been established between the two Projects. SMEC have issued a formal letter to Hewatt. Hewatt have raised a Variation for these works		Closed
014	Realignment of existing gas main at CH60 to tie into Shared Trench	The existing gas main along Horse Park Drive and across Burrumarra Ave is not in the location shown in the existing services pickup in the design drawings. The line needs to be connected into the shared trench.	1/10/2013		The gas main has been capped at Burrumarra Ave and will be connected into the shared trench alignment at CH60.		Closed
015	Excess Fill from Swale 15	Due to the delay in commencing excavations for Swale 15 (refer to ISS007), all general fill requirements have been satisfied and material from Swale 15 must be spoiled.	25/10/2013		A Hold Point has been released to allow spoiling operations on the Northern side of HPD at CH1440-1780. There was less excavated material than expected.		Closed
016	HPD1 & HPD2 Amalgamation	Hewatt have proposed to merge the two projects into one in order to bring the completion of HPD2 forward and for ease of construction.	8/11/2013		ACT Govt. have agreed to amend the dates for PC for the remaining SPs on HPD1 and HPD2. The two Project will remain separate. SMEC has issued a formal notice of decision to Hewatt.		Closed
017	Connection of Shared Trench to existing services at Burrumarra Ave (CH 60)	The design did not provide information on how to connect the shared trench to existing services.	14/11/2013		Telstra - subcontractor will connect to existing network; NBN Co. will terminate at NBN Co 8 Pit at CH60; Electrical - conduits are to be capped at CH60; Gas - to be connected to existing at Burrumarra Ave.		Closed

Issue Number	Description	Details	Date Raised	Raised By	Action	EOT-Variation No (If Applicable)	Status
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	John Husband	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	John Husband	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. Hewatt and Telstra are in correspondence to ensure Telstra's subcontractor is IRE certified.		Open
021	Miscellaneous Design Changes and Revised Design Model	A number of issues with the design have been raised with the designers. SMEC and Brown conducted a site walk through to address a number of these issues. A revised design model has been prepared and so have a number of solutions to these issues.	25/02/2014		SMEC has issued Hewatt with the new design model and details of design changes.		Closed
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	Michael Sergi			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	John Husband			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	Michael McGrath			Open

Appendix D. Variation Register

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		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

Appendix E. Estimated Final Contract Value Summary

Horse Park Drive Extension Project (Burrumarra Ave to Mirrabai Dr) - February 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 Feb-2014
Section No	Description	Original Contract Value (excl GST)	Estimated Final Value (excl GST)	Difference	Quantity Overruns to Date
Civil Works					
		(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	\$			
	Subtotal:	\$			
Variations					
	Subtotal:	\$			
Quantity Overruns/Underruns					

Total (Excl GST): \$

GST Applicable: \$

Total (Incl GST): \$

Appendix F. RFI Register

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

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
100A	Proposal to shift KO to achieve clearance requirements for equestrian & footpaths	5/02/2014	No			Concrete Kerbs, Footpaths and Minor Works	Design Clarification		12/02/2014	Closed
101A	Pedestrian handrail footings on LHS of bridge (past approach slabs)	5/02/2014	Yes	6/02/2014	14/02/2014	Bridge Work	Design Error		17/02/2014	Closed
102A	Combined Usage Pole offset behind kerb	7/02/2014	No			Street Lighting	Construction Alternative		13/02/2014	Closed
104A	Raising of existing Telstra Pit at CH40	10/02/2014	No			Utilities	Other		13/02/2014	Closed
105A	Offset from kerb for push buttons on Traffic Signals	12/02/2014	No			Traffic Signals	Design Clarification		13/02/2014	Closed
106A	Use of SL82 instead of SL81 for PT7 (medians)	14/02/2014	No			Concrete Kerbs, Footpaths and Minor Works	Construction Alternative		17/02/2014	Closed
107A	Requirement for sign post sleeves	14/02/2014	No			Road Furniture	Specification Clarification		17/02/2014	Closed
108A	Additional works associated with the electrical connection to the SLC and TLCC.	14/02/2014	No			Utilities	Other		20/02/2014	Closed
109A	Rock retaining wall footing clash with Stormwater Line B	19/02/2014	Yes	20/02/2014	27/02/2014	Incidental Works	Design Clarification		27/02/2014	Closed
110A	Conflict between guardrail and light poles	19/02/2014	No			Road Furniture	Design Error		20/02/2014	Closed
111A	Confirmation of drainage backfill requirements behind stone-pitched retaining wall	20/02/2014	No			Incidental Works	Construction Alternative		20/02/2014	Closed
112A	Confirmation of changes to pavement design	21/02/2014				Pavement	Design Clarification			Open
113A	G4 barrier posts placement into rock	21/02/2014	No			Road Furniture	Construction Alternative		24/02/2014	Closed
114A	Clarification on Weakened Plane Joints	26/02/2014	No			Concrete Kerbs, Footpaths and Minor Works	Specification Clarification		27/02/2014	Closed
Total = 14										

Appendix G. Public Liaison Register

PUBLIC LIAISON REGISTER - ALL

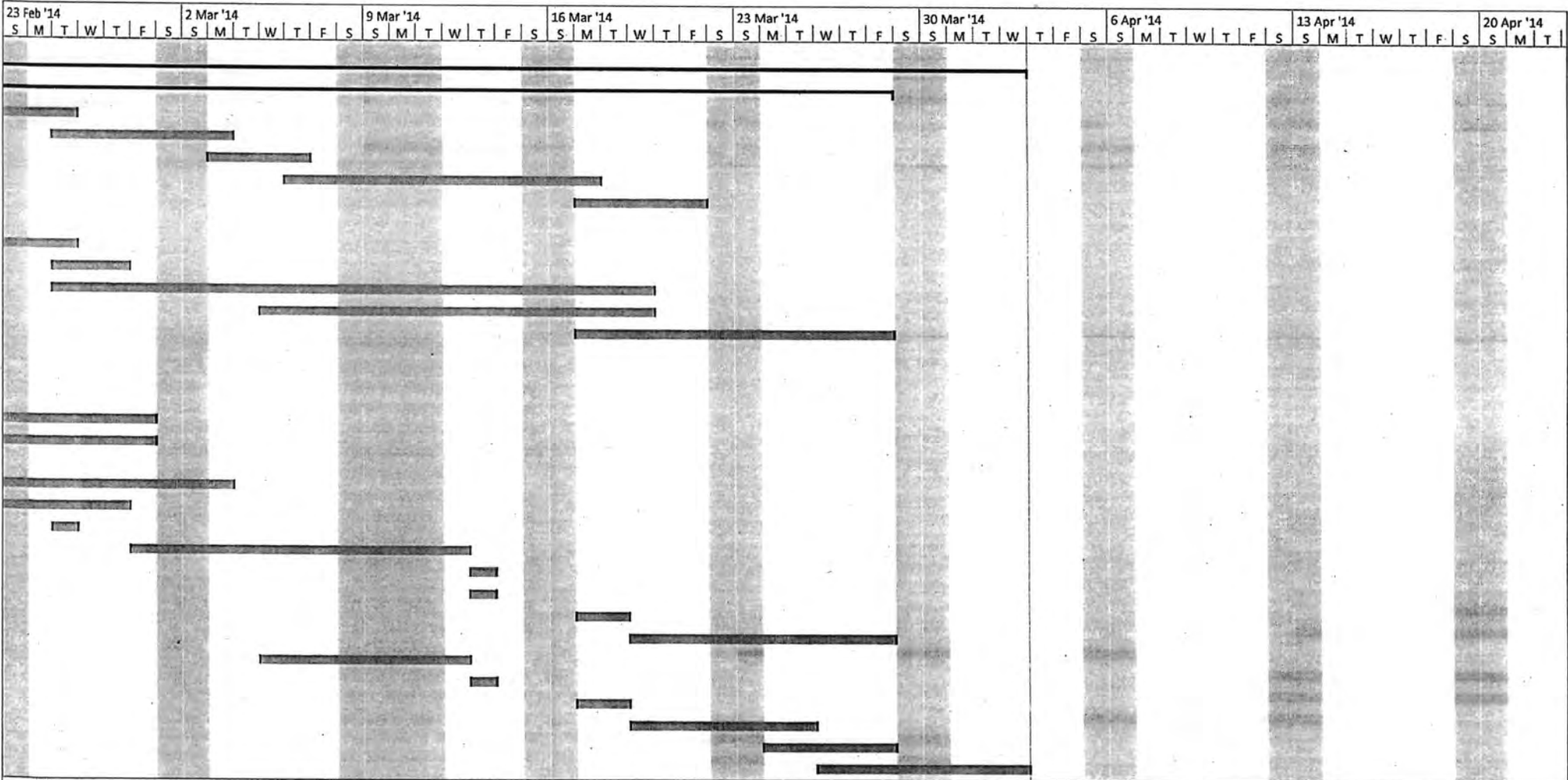


Liaison No.	Date Raised	Liaison Initiator	Person Contacted	Location	Description	Date Actioned	Action Taken	Status	Comment
1	29/04/2013	(SMEC)	(BNT)	Site - General	Numerous discussions have been held with regarding the re-alignment of the Bicentennial National Trail throughout construction.	9/05/2013	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)	CHG-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. I also advised he wished to move his sheep/cattle from Block 817 -816.	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	
6	12/06/2013		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		and met with to discuss works designed within 'I' 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 I soon.	Closed	
8	12/07/2013	(Lend Lease - Springbank Rise)		Email	I was asking about the timing for the completion of the HPD works.	16/07/2013	p 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	

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. Alan 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	I was wondering the staging of the two remaining HPD Projects and possible implications to traffic through Ngannawal.	7/08/2013	Patrick informed Ben 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). I was happy for works to go ahead as long as he was notified and fences remained stockproof.	28/10/2013	L 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 RL 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 Gov.	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. Lee 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	I 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.	19/12/2013	Hewatt repaired the fences such that they were stockproof for the Christmas shutdown period. returned C phone call to inform him that the fences had been fixed (a more permanent fix will be completed in 2014).	Closed	

Liaison No.	Date Raised	Liaison Initiator	Person Contacted	Location	Description	Date Actioned	Action Taken	Status	Comment
23	16/01/2014	Hewatt	I (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		I (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 I 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 Mirrabell Dr.	20/02/2014	& directed him through Ngunnawal to get to Mirrabell Dr.	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: Installation of streetlighting near Burrumarra Ave



Image 02: Rain event and performance of floodway, 19 February 2014



Image 03: Placement of base material west of Mirrabei Dr



Image 04: Placement of concrete for islands west of Mirrabei Dr.

HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



ACT

HEWATT



WEEKLY REPORT FOR WEEK ENDING: 1 February 2014

1. WHS

- a. Site inductions continuing;
- b. RDO on Tuesday 28 January;
- c. Working hours reduced as the temperature exceeded 35° for Wed, Thurs and Friday.

2. Traffic Management

- a. The client requested to change the entrances of the site on the existing road at HPD1 by shifting traffic onto opposite sections of the newly laid asphalt, in order to monitor the effect of traffic on the road surface. No changes have been made to the site access road as of yet. Hewatt are in correspondence with HPD1 Superintendent.

3. Design

- a. *Transition of footpath and kerb from earthworks formation to approach slab and bridge (RFI097A)* – SMEC has issued a response to Hewatt using information and revised design details provided by Brown;
- b. *Extent of Shared Trench at Mirrabai Dr stub (RFI093A)* – the shared trench has been extended approximately 5m adjacent to Mirrabai Dr to suit gas design drawings provided by ZNX. WAE information will be produced and forwarded to Brown for use in Mirrabai Dr design.

4. Construction

- a. Shared trench conduits laid and backfilled – 100% Complete;
- b. Subsoil lines 100% Complete – high end risers to be installed;
- c. Guard and hand rail installation continuing at the bridge (footings for handrails response to RFI097A received including kerb transition details);
- d. Excavation of trench for stormwater Line B completed;
- e. Stone pitching of floodway drop structures and channel continuing;
- f. Mountable kerb placed from HPD1 interface to Mirrabai intersection;
- g. Excavation, laying and backfilling of conduit for street light power supply from Casey substation commenced. Rock encountered in the excavation and has caused delays;
- h. 300mm storm water pipe end walls completed and formwork is being stripped;
- i. Traffic light pole footings excavated at Mirrabai intersection;
- j. Placement of cover slabs for storm water Type R sumps commenced;
- k. Jute mesh placed in swales and topsoil placed in a number of locations;
- l. Select material trimmed and conformed to design levels from CH880 to CH1490 and HPD1 tie in ready for the DGB placement.

5. Meetings

- a. No meetings were held during the week;
- b. (Hewatt) informed Lend Lease that trenching works within Springbank Rise would be completed mid-week (W/C 3/2/14).

6. Issues

- a. *Excess material potentially requiring disposal* – it is expected there will be some material that may be able to be incorporated into HPD2 works and will have to go off-site (there is a PQ Item within BoQ for this). SMEC & Hewatt are working together to determine best course of action;

- b. *Additional Conduit Crossings across HPD at Mirrabei Dr and Road 04 Intersections (ISS013)* – works have been completed, Hewatt will submit a price for these works to SMEC;
- c. *Interface with Springbank Rise (ISS002)* – trenching within Springbank Rise is ongoing and expected to be complete by 31 Jan 2014.

7. Payments

- a. SMEC expects to receive Hewatt's preliminary claim for January 2014 on Monday 3rd February 2014.

8. Activities Planned for the Upcoming Fortnight

Forecast temperatures of 35- 37^o for next week may limit production (forecast shows Mon 3/2/14 >35°C).

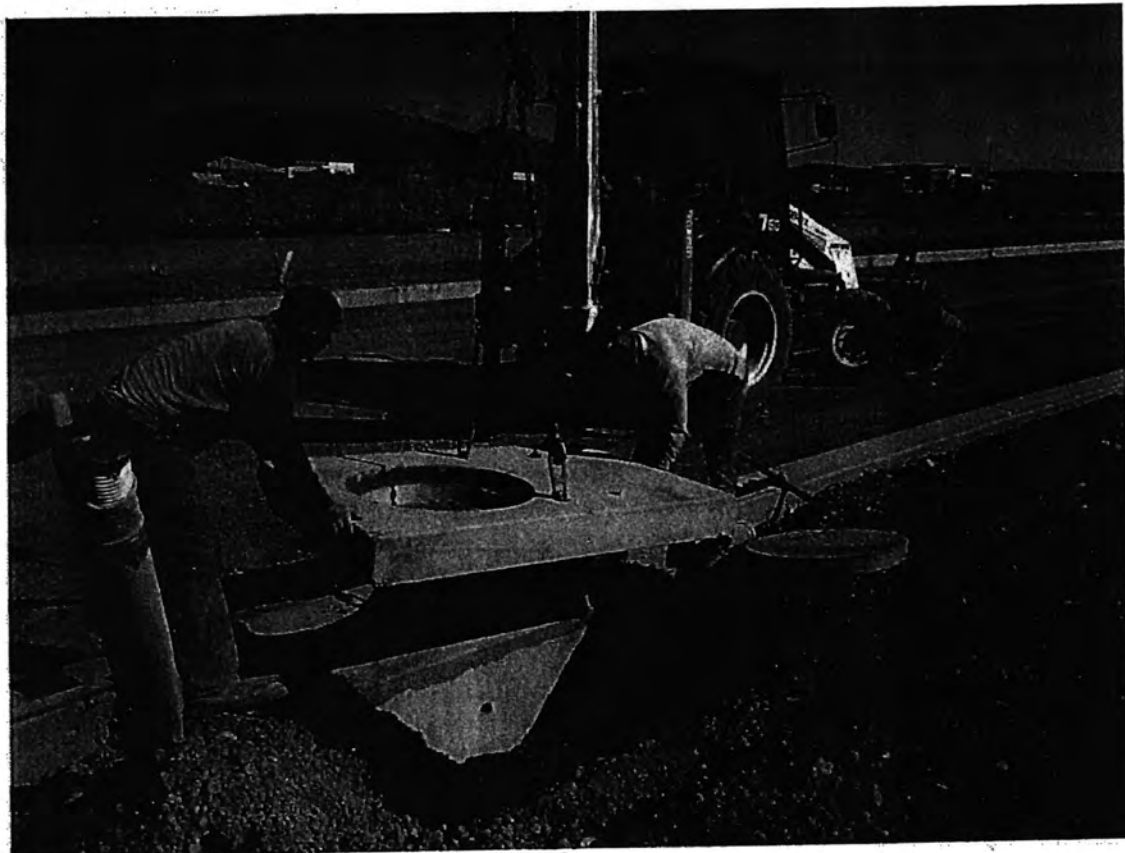
- a. Place DGS layers from CH880 to CH1490 and HPD1 tie in;
- b. Stone pitching of floodway;
- c. Landscape activities;
- d. Complete installation of electrical conduit from Casey;
- e. Kerb construction carriageway and traffic islands;
- f. Installation Type R sump cover slabs;
- g. Lay and backfill storm water line B beneath the bridge;
- h. Excavate and lay conduit for street lights.

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

Photos



Survey conformance of subgrade levels at CH1350



Installation of Type R sump cover slab



Excavation for storm water line B



Mountable Kerb at HPD1 interface with HPD2

HORSE PARK DRIVE EXTENSION
BURRUMARRA AVENUE to MIRRABEI DRIVE



ACT

HEWATT



SMEC

WEEKLY REPORT FOR WEEK ENDING: 25 January 2014

1. **WHS**

- a. Site inductions continuing;

2. **Traffic Management**

- a. The client requested to change the entrances of the site on the existing road at HPD1 by shifting traffic onto opposite sections of the newly laid asphalt, in order to monitor the effect of traffic on the road surface. No changes have been made to the site access road as of yet. Hewatt are in correspondence with HPD1 Superintendent.

3. **Design**

- a. *Location of street-lighting beneath bridge (RFI079A)* – Hewatt to provide prices for the revised design.
b. *Transition of footpath and kerb from earthworks formation to approach slab and bridge (RFI097A)* – SMEC has issued a response to Hewatt using information and revised design details provided by Brown.

4. **Construction**

- a. Shared trench conduits laid and backfilled 95% complete;
b. Subsoil lines 95% completed – high end risers to be installed;
c. Guard and hand rail installation continuing at the bridge (footings for handrails awaiting response to RFI097A);
d. Construction of stormwater line B commenced;
e. Scour valve outlet pipe connected to headwall at CH 30 (LHS);
f. Stone pitching connecting Casey storm water end wall to Horse Park Dive floodway completed;
g. Kerb and gutter completed to Road 4 on both sides of the carriageway;
h. Excavation, laying and backfilling of conduit for street light power supply from Casey substation commenced;
i. Base slabs for 300mm end walls completed;
j. Sub-base completed CH980 and CH1490 to HP1 tie in.

5. **Meetings**

- a. HPD2 Site Meeting was held on Friday 24 January 2014.

6. **Issues**

- a. *Wearing Course at Burrumarra Ave (ISS009)* – these works will no longer be completed by Hewatt as part of HPD2;
b. *Additional Conduit Crossings across HPD at Mirrabai Dr and Road 04 Intersections (ISS013)* – works have been completed, Hewatt will submit a price for these works to SMEC;
c. *Interface with Springbank Rise (ISS002)* – trenching within Springbank Rise is ongoing and expected to be complete by 31 Jan 2014.

7. **Payments**

- a. SMEC expects to receive Hewatt's preliminary claim for January 2014 on Monday 3rd February 2014.

8. Activities Planned for the Upcoming Fortnight

RDO on Tuesday 28 January and forecast temperatures of 37° for the remainder of the week may limit production.

- a. Trim sub base to design levels;
- b. Stone pitching of floodway;
- c. Continue installation of electrical conduit from Casey;
- d. Kerb construction carriageway and traffic islands;
- e. Excavation and laying stormwater line B beneath the bridge;
- f. Pour and complete 300mm end walls.

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

Photos



Image 01: Excavations commenced for installation of Stormwater Line B beneath bridge.



Image 02: Trenching for subsoils east of Road 04 Intersection



Image 03: Level issues with the transition of footpath and pedestrian handrail at bridge (RF1097A)

Husband, John

From: Hancock, Patrick
Sent: Saturday, 25 January 2014 9:10 AM
To: Cargill, James
Cc: Husband, John; McHugh, Ben
Subject: RE:

James,

Roundabout AC works not proceeding as part of this project, it will be done by RoadsACT. Apologies all, should have advised earlier.

Hewatt payments will be on 28 & 30 January for stage 1 & 2 respectively.

John, probably no need for another WHS audit if HPD will be complete in March??

n, FYI.

Forecast for shelly beach looking good, <http://www.weatherzone.com.au/nsw/hunter/shelly-beach>

See you all in February.

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

From: Cargill, James
Sent: Friday, 24 January 2014 3:38 PM
To: Hancock, Patrick
Subject:

rick:

Here is an update of the work (some requires your input before you leave):

HPD2 (Site meeting):

1. Hewatt have asked for confirmation for when payments will be made for December 2013 payment claims for HPD1 and 2 that have been submitted by Hewatt
 - a. Hewitt said HPD2 claim was submitted 22/Jan for December works?
2. Hewatt urgently require a decision on the additional wearing course works from Roads ACT
 - a. Require time for TTM to be approved
 - b. I think i remember Ben McHugh saying the linemarking would be done by TAMS??
3. Ben McHugh needs to be aware that SMA is planned to be placed 1st week of March with completion Mid to Late march
 - a. He may wish to do a media release or something
4. SMEC have asked when the next WHS audit will be conducted for HPD2/ can it be arranged so we meet auditing requirements

WQCP (Construction):

1. Andrew Parkinson has changed the PPM a little

- a. Main changes are assessment criteria (additional added based on his template) and the weightings slightly changed
 - b. Added Threshold criteria of being on the panel
 - c. Formatting changes to the risk plan
2. I have left the new PPM on your desk for signing
- a. Signing sequence will then be Vlad → John Husband → Glenn Lacey → give copy to ben power for GPB meeting/ inform Andrew (who is away next week) who will then arrange for George Tomlins' signature before the GPB meeting.

CAU main works:

1. Ben is happy with TER
 - a. Do we need to wait for Bronwyn to give her final approval or shall I give Vlad a copy for review/sign off on Wednesday when i return?

CAU early works:

1. Both tenders were picked up on Friday

CAU tree procurement:

1. Can you email me a copy of the original specification from SMEC so i can read over it?

Cotter/Streeton:

1. Chase TCD approval from Roads ACT
2. Chase TTM drawings from RDGossip (I can do this next week if you like)

Sorry for the long list but it shouldn't take too long to run through.

Have a nice break.

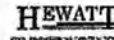
My mobile is if you need to clarify anything.

Regards,

James Cargill | Project Officer

Shared Services Procurement | Commerce and Works Directorate | ACT Government
Level 3 Annex, Macarthur House, 12 Wattle Street Lyneham ACT 2602 | GPO Box 818 Dickson ACT 2602 |
www.act.gov.au | PH: 6207 0367

HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



MEETING: SITE MEETING - AGENDA

LOCATION: Project Site Office, Horse Park Drive, Jacka
DATE: Friday, 24 January 2014
TIME: 10.30am

ATTENDEES:

Economic Development Directorate: X Michael McGrath (MM)

✓ John Husband (JH)

✓ Michael Sergi (MS)

Patrick Hancock (PH)

Shared Services Procurement:

Brown:

SMEC:

Hewatt:

James Cargill

No.	Item Description	Action									
01.	WHS <ul style="list-style-type: none"> See attached Incident/Near Miss Register 										
02.	Review Previous Minutes / Matters Arising <ul style="list-style-type: none"> See attached minutes 										
03.	Design <ul style="list-style-type: none"> RFIs: 97 submitted; 3 open 										
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 & SP3</td> <td>Civil, Burrumarra Ave – HPD1</td> <td>31 Mar 2014</td> </tr> <tr> <td>SP1 & SP3</td> <td>Landscape, Burrumarra Ave – HPD1</td> <td>29 Sep 2014</td> </tr> </tbody> </table>	Current PC Dates			SP1 & SP3	Civil, Burrumarra Ave – HPD1	31 Mar 2014	SP1 & SP3	Landscape, Burrumarra Ave – HPD1	29 Sep 2014	SMA - Early - March 14
Current PC Dates											
SP1 & SP3	Civil, Burrumarra Ave – HPD1	31 Mar 2014									
SP1 & SP3	Landscape, Burrumarra Ave – HPD1	29 Sep 2014									
06.	Environmental										
07.	Industrial Relations										
08.	Traffic										
09.	Community										
10.	Staffing										
11.	Utilities										
12.	Issues										
13.	EOT <ul style="list-style-type: none"> EOT Status (11 submitted): 49.5 Days Claimed; 33.5 Days Granted 										
14.	Variations <ul style="list-style-type: none"> Status (including BoQ over/underruns) (Submitted; Agreed; Certified for payment (as at end of Dec '13) 										
15.	Progress Claims <ul style="list-style-type: none"> Progress Claim No. 9 Certificate for December 2013 issued. 										
16.	Quality Assurance <ul style="list-style-type: none"> HPs: 252 raised; 9 open 										

	<ul style="list-style-type: none"> NCRs: 23 raised (19 Quality; 4 Safety) 	
17.	Working hours and days <ul style="list-style-type: none"> Christmas Break: 21 Dec 2013 – 5 Jan 2014 	
18.	Construction Matters	
19.	Subcontractors	
20.	Next Meeting(s) <ul style="list-style-type: none"> Friday, 7th February 2014 – Site Meeting 	
21.	Other?	

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



MEETING: SITE MEETING - MINUTES

LOCATION: Project Site Office, Horse Park Drive, Ngunnawal
DATE: Friday, 13 December 2013
TIME: 10.30am

ATTENDEES:

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

Shared Services Procurement: Patrick Hancock (PH)

Brown:

SMEC:

Hewatt:

WHS
Audit
- Date
TBC.
from SSP

No.	Item Description	Action
01.	<p>WHS</p> <ul style="list-style-type: none"> See attached Incident/Near Miss Register PH will follow up with organising an ACT Govt. WHS Audit on HPD2. It was noted that a WHS Audit has been undertaken on HPD1 since the last HPD2 Audit. Hewatt are continuing to monitor the Bushfire risk over the summer months. They do not expect any additional measures (eg. slashing of grass) will be necessary prior to the break. The incident register was updated to include the vandalism that occurred at the Site Compound in November 2013. Hewatt will provide SMEC with emergency contact details for over the Christmas break. SMEC will forward these with their contact details to ACT Government prior to the break. advised SMEC to remove any valuable items from the offices prior to the break, in case of vandalism/burglary. advised that most of the plant and machinery will be taken off-site prior to the break. 	<p>PH</p> <p>Hewatt/SMEC</p>
02.	<p>Review Previous Minutes / Matters Arising</p> <ul style="list-style-type: none"> Hewatt will provide a price for the additional works associated with the shared trench conduit crossings. Most of the cost will utilise BoQ rates. closed out RFI081A regarding proposal to create a borrow pit to source Select Material. noted that the current stockpile of imported Select had been used. More select material is being imported from the same source. Hewatt are awaiting the completion of the water main works (ie. installation of scour valves) prior to conducting testing on the water main. looked into the query regarding the extent of the ACT Govt's insurance on the Project. It seems as though there is not a set 	<p>Hewatt</p>

	<p>area over which the insurance applies (within the Commonwealth of Australia), just as long as works are being carried out as part of the Contract works. advised that SSP/ EDD should seek legal advice to confirm this – however it would appear no amendment to the policy will be required.</p> <ul style="list-style-type: none"> Investigated MM's query in the previous meeting regarding extents to which the Possession of Site applies. AS2124 refers to PoS being given to the Contractor to carry out the Contract Works (ie. the Contract Drawings). Therefore no amendment to the PoS is required for Contract Works being carried out where land has been withdrawn since the commencement of the Project. 	
03.	<p>Design</p> <ul style="list-style-type: none"> RFIs: 91 submitted; 2 open RFI079A (Location of street lighting at bridge) – a solution to HPD1's similar issue has been prepared and is awaiting approval from TaMS representatives. The solution involved reorientating the light pole such that the access panel was on the accessible side of the pole. A similar solution should be able to be adopted on HPD2. will confirm this and other details regarding the lighting with Brown prior to responding to the RFI. RFI087A (Change of footing type for stone wall) – Brown are reviewing the footing type. to follow up. RFI091 (Use of jute mesh in swale inverts) - the landscaping design called up the use of jute mat at the inverts of swales. SMEC accepted Hewatt's proposal for the use of jute mesh due to successful use on other Projects (eg. HPD1). Works associated with the Telstra connection from the HPD1 to the HPD2 TLC will occur next year. reinforced the benefits in following up all the details associated with this prior to the works (for co-ordination purposes, etc.). will keep in touch with Telstra. The existing Telstra Pit at Burrumarra Ave is low compared to the existing kerb. HPD2's shared path will be between the pit and the kerb. Therefore the pit will need raising/adjusting. It appears there will need to be local realignment of shared trench at Mirrabei Dr Intersection to avoid clash with both watermain and stormwater in close proximity. 	
04.	<p>Site Compound</p> <ul style="list-style-type: none"> SMEC's broken window was fixed last week. 	
05.	<p>Program</p> <ul style="list-style-type: none"> noted that ACT Government were in support of SMEC/ Brown's recommendation to amend the dates for Practical Completion for the remaining separable portions of HPD1 and HPD2 such that they are aligned. This has been reflected in the current PC shown in the table below. <ul style="list-style-type: none"> SMEC will issue a formal letter to Hewatt notifying them of ACT Govt's decision. PH advised Brown would approve an EOT "for convenience" for HPD1. JP submitted a revised cash flow forecast for the rest of the Project (this forecast did not account for variation amounts, which could potentially sum to -), noted that the forecast for January 2014 is not likely as SMA will likely be placed in Feb 2014. 	SMEC

	<ul style="list-style-type: none"> advised it is not going to be possible to apply the anti-graffiti coating prior to the Christmas break, however the curing compound will still be on the abutment walls and should provide protection. 																
	<table border="1"> <thead> <tr> <th colspan="3">Current PC Dates</th> </tr> </thead> <tbody> <tr> <td>Separable Portion 1</td> <td>Civil, Burrumarra Ave - 600</td> <td>28 Mar 2014</td> </tr> <tr> <td>Separable Portion 2</td> <td>Landscape, Burrumarra Ave - Ch 600</td> <td>26 Sep 2014</td> </tr> <tr> <td>Separable Portion 3</td> <td>Civil, Ch 600 - HPD1</td> <td>28 Mar 2014</td> </tr> <tr> <td>Separable Portion 4</td> <td>Landscape, Ch 600 - HPD1</td> <td>26 Sep 2014</td> </tr> </tbody> </table>	Current PC Dates			Separable Portion 1	Civil, Burrumarra Ave - 600	28 Mar 2014	Separable Portion 2	Landscape, Burrumarra Ave - Ch 600	26 Sep 2014	Separable Portion 3	Civil, Ch 600 - HPD1	28 Mar 2014	Separable Portion 4	Landscape, Ch 600 - HPD1	26 Sep 2014	
Current PC Dates																	
Separable Portion 1	Civil, Burrumarra Ave - 600	28 Mar 2014															
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Separable Portion 3	Civil, Ch 600 - HPD1	28 Mar 2014															
Separable Portion 4	Landscape, Ch 600 - HPD1	26 Sep 2014															
06.	<p>Environmental</p> <ul style="list-style-type: none"> PH asked for a thorough walk through of the site to be carried out to ensure the site is adequately prepared prior to the Christmas shut-down. SMEC/Hewatt will conduct their weekly walk throughs. MM and MS will be inspecting the sites on Thurs morning, 19 Dec 2014 for safety and environmental preparedness for the shutdown. PH will be conducting an inspection of the site in the first week of Jan 2014 noted that next week (commencing 16/12/13) there will be an emphasis on placing jute-mesh at the bottom of swales prior to the Christmas break. 	SMEC/Hewatt															
✓ 07.	<p>Industrial Relations</p> <ul style="list-style-type: none"> Nil. 																
08.	<p>Traffic</p> <ul style="list-style-type: none"> noted construction traffic management has continued to be good. Particularly when all traffic was using HPD1's shared path to access HPD2 during spray seal works. The bridge will be ready for trafficking in the New Year. Hewatt are waiting for all concrete elements on the bridge to reach specified 28-day strength. 																
09.	<p>Community</p> <ul style="list-style-type: none"> noted that MM's concerns regarding insurance/PoS and working within the withdrawn land area had been covered earlier. Refer to Item 02. There has been no complaints/correspondence from the leaseholders of since signed the agreement for the erection of gates and fencing and working within the land prior to the official land withdrawal. 																
10.	<p>Staffing</p> <ul style="list-style-type: none"> is working for Hewatt on HPD1/2 as an undergraduate engineer for a 6 week period. He will be helping with quality, quantity measurement and other items in this time. will be leaving Hewatt and the Project in January 2014. Hewatt will advise on his replacement. will become SMEC's Project Director and will become the Superintendent's Representative as of Mon 16 Dec 2013. still be involved with the Project and will attend site meetings. SMEC will send a formal letter to Hewatt advising of this. will be on holidays from 14 Dec 2013 - 24 Jan 2014. TVN will be replacing on the Project for this time. 	Hewatt SMEC															
11.	<p>Utilities</p> <ul style="list-style-type: none"> A 1.5-2m section of concrete encasement will be required at. 																

Bitumen
Straw
Mulching

Switching
Traffic
over SMA
at Project Entr

	<p>either end of the bridge to ensure utilities have the required cover once they exit and are beneath the concrete pavement solution specified in the response to RF1023A.</p> <ul style="list-style-type: none"> ActewAGL have been rescheduled to complete works for electrical supply to SLCC and TLC in January 2014. envisaged they will be able to come in towards the end of Jan 2014. - <i>Late Feb connection</i> reminded Hewatt to give Lend Lease plenty of notice for carrying trenching works within Springbank Rise for the electrical supply to the SLCC and TLC as there may be potential conflicts with Lend Lease's works (eg. timing). noted that the gas line had been extended up to the existing line at Burrumarra Ave, however connection to the existing gas will be delayed as long as possible to avoid having live gas during construction. 	Hewatt
<p>12.</p> <p><i>Awaiting details from Road ACT. - Mtg with SSP.</i></p> <p><i>Stone pitching to be replaced</i></p>	<p>Issues</p> <ul style="list-style-type: none"> Additional Wearing Course works – Burrumarra Ave towards Arrabri Dr (ISS009): PH is hoping to hear back from Roads ACT regarding these works by the end of next week. <ul style="list-style-type: none"> PH/JH suggested that no additional PoS should be given to Hewatt for these works. A written request from Roads ACT should be sufficient to carry out the works. When Roads ACT respond, SMEC should have sufficient information to supply to Hewatt for pricing; Hewatt can raise a formal variation for these works once approved; TTMPs will be required for these works prior to commencement. As noted in Item 05, SMEC will issue Hewatt a formal notice of decision regarding the amendment to HPD2's date for PC for SP1&3. SMEC will also issue a formal response to email regarding interface between HPD1/2 with designated areas of responsibility for HPD1 & 2 Superintendents. 	SMEC
<p>13.</p> <p><i>1 1/2 days EOT. V. hot.</i></p>	<p>EOT</p> <ul style="list-style-type: none"> EOT Status (10 submitted): 48 Days Claimed; 32 Days Granted Dates for Practical Completion amended to align completion of HPD1 and HPD2. EOT Register has been updated to show the change in dates for PC as per ACT Govt's approval of Hewatt's proposal to align completion of HPD1 and HPD2. See Item 12. 	
<p>14.</p>	<p>Variations</p> <ul style="list-style-type: none"> Status (not including BoQ over/underruns) (excl GST): Submitted; Agreed; Certified for payment (as at end of Nov '13) Variations 14 – 21 have not yet been agreed to - all are for relatively minor items. Hewatt to submit Variation Claim letters for these, such that they can be assessed by SMEC prior to being included in a monthly claim. 	Hewatt
<p>15.</p>	<p>Progress Claims</p> <ul style="list-style-type: none"> Progress Claim No. 8 Certified for November 2013 – Claim submitted: Certified: Streetlight materials claim for October 2013 not paid as bank guarantee not produced advised that the bank guarantee for for streetlight 	

	<p>materials would not be pursued further. This amount should be paid when the street lighting is installed.</p> <ul style="list-style-type: none"> will submit the December 2013 claim next week (commencing 16/12/13). will attempt to assess and certify to PH by 20 Dec 2013. PH can pay on first day in January 2014 (02/01/2013). 	
16.	<p>Quality Assurance</p> <ul style="list-style-type: none"> HPs: 227 raised; 9 open NCRs: 23 raised (19 Quality; 4 Safety) The 9 open Hold Points are generally for items where SMEC is awaiting works until they can inspect/release the Hold Points. noted there hasn't been a Hold Point submitted for the mulch used on site. will submit. noted there have been no new NCRs since last meeting. There are still a number of NCRs to be closed out, the significant of those being the bridge deck levels and crack repair for abutment walls. 	
17.	<p>Working hours and days</p> <ul style="list-style-type: none"> Christmas Break: 21 Dec 2013 – 5 Jan 2014 ✓ to investigate status of various suppliers (eg. Holcim) in the first week back in January 2014 (6/1/13-10/1/13). Potentially some may still be shut down for Christmas. SMEC will provide contact details for both SMEC and Hewatt during the Christmas break – as per Item 01. PH will be the contact for ACT Govt over the shutdown period. PH will be inspecting a number of the sites in the first week of Jan 2014. ✓ ACT Govt are back to work on the 6th Jan 2014, PH will be back on the 2nd Jan 2014. 	SMEC
18.	<p>Construction Matters</p> <ul style="list-style-type: none"> The colour/type of anti-graffiti coating to be used for the bridge will be investigated. <u>Is it clear</u> or like paint as per HPD1? Hewatt will attempt to remove all plant from site prior to the shutdown. 	
19.	<p>Subcontractors</p> <ul style="list-style-type: none"> to send the Contract for the potential lines and signs subcontractor over to SMEC as the Contract will be over <p style="text-align: center;"><i>Capital Lines & Signs</i></p>	
20.	<p>Next Meeting(s)</p> <ul style="list-style-type: none"> Friday, 24th January 2013 – Site Meeting – this aligns with the current fortnightly cycle and skips the scheduled meeting on 10th January 2013. will update the invites to suit. HPD1 will not have Site Meetings in the new year, will invite (Brown Super's Rep – HPD1) to the meeting on the 24th Jan. 	
21.	Other?	

Next Mtg 7 Feb 10.30

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	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
6	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
7	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
8	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

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

REQUEST FOR INFORMATION (RFI) - OPEN



Status Legend:

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

RFI Number	Description	Date Raised	Response Required by Date?	Issued to Designer?	Date issued to Brown	Response From Brown	Discipline:	Classification	Comment	Status
093A	Details for termination of shared trench at Mirrabei Dr stub	23/01/2014	24/01/2014				Utilities	Design Clarification		Open
096A	Locations of conduits to provide power (& comms) to SLCC and TLC	23/01/2014	23/01/2014	No			Utilities	Design Clarification		Open
097A	Issues associated with transition of footpath and kerb from Bridge & Approach Slab	21/01/2014	24/01/2014	Yes	21/01/2014		Concrete Kerbs, Footpaths and Minor Works	Design Error		Open
Total = 3										

Issue new stringline for f/paths

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 Hewlett 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
				TOTALS	49.5	33.5						



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. 1. Locations of stockpiles 2. Casey Headwall	19/04/2013	The interface with Springbank Rise requires ongoing management. Current issues include trenching for electrical within Springbank Rise Verge.	Open	
009	Wearing course for Whitrod-Burrumarra Ave roundabout	SSP/Roads ACT have asked HPD2 to submit an indicative cost for placing the wearing course at the Horse Park Drive Roundabout at Whitrod/Burrumarra Ave.	1/08/2013	SMEC are in the process of detailing the design and relevant approvals. SSP and Roads ACT will meet Fri 13 Dec 2013 to discuss works.	Open	
011	Proposal to install Conduit Crossings at Road 04 and Mirrabai Dr Intersections	As part of the electrical supply to the streetlight and traffic light controllers, electrical conduit crossings will need to be installed at Road 04 and Mirrabai Dr. It is proposed all conduits be installed to prevent future damage to the completed works.	30/08/2013	SMEC has issued an instruction to Hewatt to provide a price for the works and complete the works.	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	
6	12/06/2013		John Husband	Email	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		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	(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, 23 January 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	
13	12/08/2013		T. Gordon (ACT Government)		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	19/09/2013			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		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 agstment 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 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	

Thursday, 23 January 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.		None required. Lend Lease will be informed when works are complete.	Open	

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						
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		Changes to the Watermain from Tender				Scope Change		Agreed
07		Supply and Installation of Combined Usage Pole				Contractor Proposed Alternative		Agreed
08		Select CBR Changes from Design to Construction				Design/ Document deficiency		Agreed
09	008	Pricing of Missing Pay Items from the Bill of Quantities				Design/ Document deficiency		Agreed
10		Supply of 375mm uPVC Sewer Pipe not used				Design Improvement		Agreed
11		Anti-graffiti coating on bridge surfaces				Superintendent Request		Agreed
12	007	Survey Works for Fence Realignment at Swale 15				Design/ Document deficiency		Agreed
13	N/A	Additional Works for the Floodway				Scope Change		Agreed
22		Additional Length of PD1 Fencing with In-situ Footings				Limit of Accuracy		Closed
TOTALS								

HOLD POINT REGISTER - OPEN

Release No	Specification No	Specification Name	Clause No	Clause Description	Lot No	Date of Submission	Status	Comments
0188	Section 4	Flexible Pavement	4.2 (TEC 4.03.4)	Submission of conformance tests/survey prior to placement over subgrade	RSB01 CH60-140 (RSM01 bel)	13/11/2013	Open	Awaiting further test results for material conformance.
0196	Section 4	Flexible Pavement	4.2 (TEC 4.03.4)	Submission of conformance tests/survey prior to placement over subgrade	RSM11 (CH990-1260)	20/11/2013	Open	Awaiting further layer property testing.
0198	Section 3	Underground Services	3.7 (3.05.4.xii)	Inspection of reinforcement in Concrete Reinforced Structures	SSW04-HW6 (J3); SSW05-HW7 (F9); SSW06-HW8 (G6)	20/11/2013	Open	Awaiting Certificate of Compliance for reinforcement
0199	Section 3	Underground Services	3.7 (3.05.4.xii)	Inspection of reinforcement in Concrete Reinforced Structures	SSW07-HW9 (H7); SSW08-HW10 (J7); SSW09-HW11 (M5)	20/11/2013	Open	Awaiting Certificate of Compliance for reinforcement
0221	Section 3	Underground Services	3.3 (3.03.2)	Inspection of Trench Foundations	CSW2: B1-B4	9/12/2013	Open	Excavation completed from B1-B2.
0223	Section 9	Landscaping	9.9 (9.09.5)	Planting provide notification of planting position and submit guarantee from supplier that plants are true to species and type	CLP01: CH1100-1500 LHS	11/12/2013	Open	Plant supplier guarantee not submitted
0224	Section 9	Landscaping	9.9 (9.09.5)	Planting provide notification of planting position and submit guarantee from supplier that plants are true to species and type	CLP02: CH700-1100	11/12/2013	Open	Plant supplier guarantee not submitted
0245	Section 3	Underground Services	3.1 (3.03.2)	Setout of Trenches for all Services	CSS05: Ch985-1420 + KR08	16/12/2013	Open	Ongoing inspections of setout and trench foundations. Lot not complete.
0246	Section 3	Underground Services	3.3 (3.03.2)	Inspection of Trench Foundations	CSS05: Ch985-1420 + KR08	16/12/2013	Open	Ongoing inspections of setout and trench foundations. Lot not complete.

Total = 9

PROJECT PHOTOS:



Image 01: Dry-fitting of pedestrian fencing at bridge



Image 02: Traffic light conduits being placed at Mirrabai Dr Intersection

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



64

MEETING: SITE MEETING - MINUTES

LOCATION: Project Site Office, Horse Park Drive, Jacka
DATE: Friday, 24 January 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"> • PH was to follow up on requirement/organisation of WHS Audit for HPD2. • There was a single incident added to the register on 13 December 2014 – a small grass fire was started in Block 818 adjacent to the Project corridor. Hewatt assisted in extinguishing the fire. It was thought to be started by a mowing contractor for the LDA creating a fire break: LDA have since visited the site and were informed of the fire. LDA were going to investigate. JC was to check progress/status of this. 	PH
02.	<p>Review Previous Minutes / Matters Arising</p> <ul style="list-style-type: none"> • Prices for several proposed Variation works are to be submitted by Hewatt with Variation letters, including: <ul style="list-style-type: none"> ○ Conduit crossings; ○ Additional works associated with supplying electricity to the traffic and streetlight controllers; ○ HPD1/2 interface changes in scope (price has been received and accepted, a Variation needs to be raised so that quantities can be claimed). 	
03.	<p>Design</p> <ul style="list-style-type: none"> • RFIs: 97 submitted; 3 open • RFI079A (Streetlighting beneath bridge) – a response has been issued. Hewatt will provide two prices for the change in design (for 'Ford' style pole to match HPD1 and a standard galvanised pole). The same solution implemented on HPD1 is yet to be accepted by TaMS – it is awaiting response/inspection from Chris DeChamps. • RFI087A (Change in footing type for stone pitched wall) – Brown have endorsed the proposed changes to the footing. This will result in a footing that is easier to construct. 	Hewatt

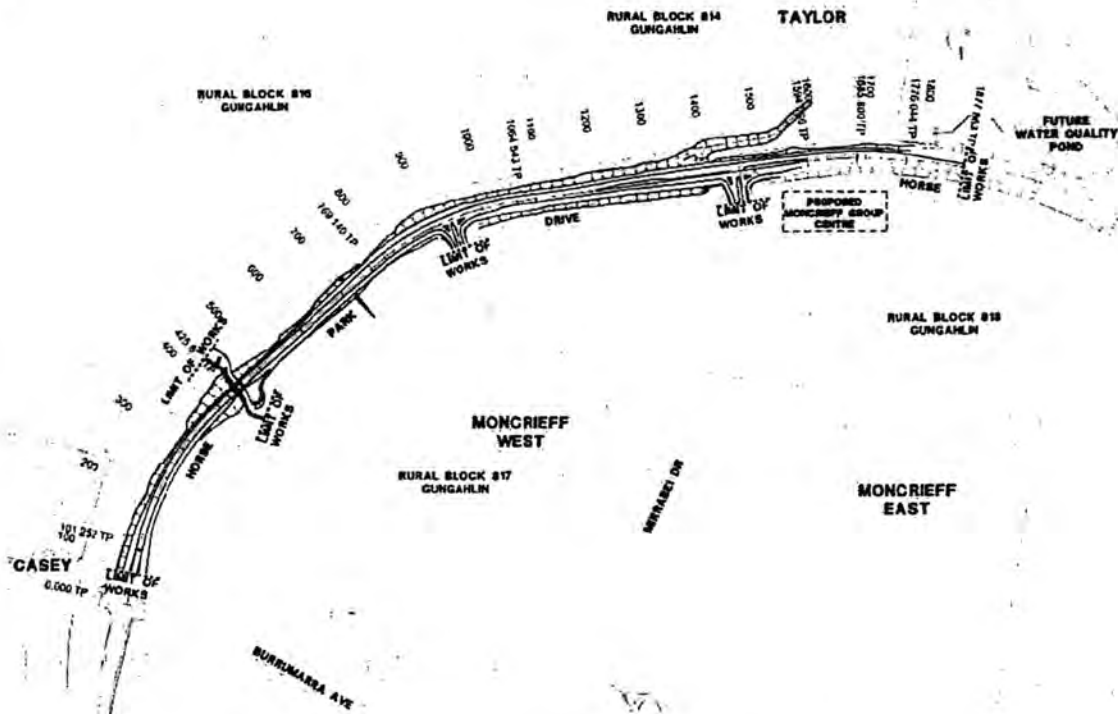
	<p>February. Pressure testing will be carried out following the installation of the scour outlet next to the floodway.</p> <ul style="list-style-type: none"> • Hewatt will be ready for ActewAGL to pull cables for electrical supply to traffic and streetlight controllers by mid-February. Hewatt to liaise with ActewAGL to book a date. • Telstra subcontractor to install connection from traffic light controller in HPD1 (Jack Access 1) to HPD2 (Mirrabai Dr). Works to be completed as part of Provisional Sum. 	
12.	<p>Issues</p> <ul style="list-style-type: none"> • Additional wearing course works around Burrumarra Ave – Roads ACT to still confirm a number of design details including temporary kerbing, TCDs, etc. Once these details are confirmed TTMPs will need to be prepared. JC was to follow the issue up with PH. <ul style="list-style-type: none"> ◦ Post-meeting note: PH informed SMEC (25/01/2014) that the wearing course works at Burrumarra Ave will no longer be carried out by Hewatt as part of HPD2. Roads ACT will complete these works. • didn't have any other major issues, however mentioned potential issues with supply of gravels on demand and progress of kerb subcontractor. • will inform Roads ACT (B.McHugh) of the revised dates for the opening of HPD1&2. 	
13.	<p>EOT</p> <ul style="list-style-type: none"> • EOT Status (11 submitted): 49.5 Days Claimed; 33.5 Days Granted 	
14.	<p>Variations</p> <ul style="list-style-type: none"> • Status (including BoQ over/underruns) (excl GST): Submitted; Agreed; Certified for payment (as at end of Dec '13) • There are still a number of Variations that Hewatt have informed SMEC of that need to be formally raised with a Variation Claim letter. • AT noted if the wearing course work is to be carried out as part of HPD2, variations will be close to 	
15.	<p>Progress Claims</p> <ul style="list-style-type: none"> • Progress Claim No. 9 Certificate for December 2013 issued. • SMEC and Hewatt will close off the Provisional Quantity Pay Items as the associated work is completed (rather than waiting until the end of the Contract). • AT asked about dates for payments for HPD1 and HPD2's December 2013 claims. <ul style="list-style-type: none"> ◦ Post-meeting note: PH advised that payment for HPD1 will be on 28 January 2014 and HPD2 on 30 January 2014. 	
16.	<p>Quality Assurance</p> <ul style="list-style-type: none"> • HPs: 252 raised; 9 open • NCRs: 23 raised (19 Quality; 4 Safety) • Majority of open Hold Points were awaiting construction/action from Hewatt prior to release. • NCR status unchanged since last meeting. • JH noted that the quality of the stone-pitching had improved. What had been produced since the last meeting looked good. A section of stone-pitching is still to be replaced. 	

17.	<p>Working hours and days</p> <ul style="list-style-type: none"> Australia Day Public Holiday Monday 27th Jan 2014 & RDO Tues 28th Jan 2014. 	
18.	<p>Construction Matters</p> <ul style="list-style-type: none"> Anti-graffiti coating to be clear coloured (unlike HPD1). Cracks in concrete abutments still need to be rectified prior to application of coating. 	
19.	<p>Subcontractors</p> <ul style="list-style-type: none"> to send over contract for Lines and Signs subcontractor. 	
20.	<p>Next Meeting(s)</p> <ul style="list-style-type: none"> Friday, 7th February 2014 – Site Meeting 	
21.	Other?	

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:	10	
Reporting Period:	January 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	4
3.1. Key Issues	4
3.2. Key RFI's	4
4. Time	5
4.1. Program and Progress	5
4.2. Extension of Time (EOT)	6
5. Financial Position	6
5.1. Progress Payments	6
5.2. Claims and Variations	7
5.3. Estimated Final Contract Value	8
6. Environment	10
7. Quality	10
8. Traffic	10
9. Community	10
10. Industrial Relations	11
11. Upcoming Works	11
Appendices	12
Appendix A. WHS Incident Register	13
Appendix B. EOT Register	15
Appendix C. Issue Register	18
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

Nil Lost Time Injuries (LTI's) have been reported for January 2014 or for the Project to date.

It was noted in a Site Meeting that there have been a few occurrences of pedestrians walking within the completed section of HPD1 and vehicles entering the site inadvertently at Amaroo School.

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

Construction works commenced in 2014 on 7 January 2014. The site had been well prepared for the Christmas shutdown and progress was able to recommence in January 2014 without any significant cleaning up after the break.

Hewatt have been working concurrently on SP1 and SP3 as per the revised dates for Practical Completion.

2.1. Separable Portion 1 & 3

Bridgeworks:

- The bridge was opened to construction traffic;
- Pedestrian hand-railing fence was installed.

Pavement:

- Final trimming of Select Material was completed across site;
- Sub-base material was placed for the remaining area across site. Shoulders were prepared for kerb works;
- Completion of subsoil installation;
- General fill was placed at medians and islands across site.

Floodway:

- Stone pitching continued within the floodway, including Drop Structures No. 1 & 2 and the connection to the Casey outlet at the end of Swale No. 2.

Underground Services:

- Shared trench construction was completed across site, including additional crossings across HPD to allow provision for future connection to the HPD shared trench;
- Stormwater Line B was commenced beneath the bridge – 60% Complete;
- 300mm headwalls into open swale drains were completed across site.

Landscaping:

- Topsoil placement continued along the verges of the road. Topsoiling works are approx. 95% complete;
- Excavation for tree pit holes continued. The holes were backfilled with sandy loam and a bund of mulch was installed around them.

2.2. Separable Portion 2 & 4

- Nil.

3. Issues and Project Risks

3.1. Key Issues

Current issues include:

- Springbank Rise (SBR) Interface (ISS002):** The current status of the various issues surrounding the Project's interface with the Springbank Rise Development are:
 - Hewatt have commenced trenching behind the kerb within Springbank Rise for the electrical connection to the Casey substation. Works are expected to be completed in early February 2014. Hewatt will make good disturbed areas within SBR. Lend Lease have been well informed and are satisfied with the timing of the works
- Inclusion of wearing course works at Horse Park Drive Roundabout and down towards Arrabri Dr (ISS009):** SSP has advised the Roads ACT will be completing these works and therefore they will no longer form a Variation for the HPD2 Project;
- HPD1/2 Change in Scope:** Hewatt have commenced working to the revised Scope of Works for HPD2 within this area. A Variation has been raised to account for the transfer of works from either Project.
- EDD Report on SMA within HPD1 & Outcomes for HPD2:** EDD has engaged an asphalt consultant to produce a report on the use of SMA both on the completed section of HPD1 and within ACT as a whole. Outcomes of the report may potentially have an impact on the SMA to be used for HPD2.

The Issue Register has been included in Appendix C

3.2. Key RFI's

There were a total of eight (8) RFIs raised and responded to in January 2014. At the end of January 2014, there were two (2) outstanding RFIs.

The significant RFIs addressed during the month were:

- **RFI092A: Realignment of Shared Trench at Mirrabei Dr and Road 04 Intersections:** the shared trench was locally realigned at Mirrabei Dr and Road 04 to avoid utility clashes and provide straighter runs for future installation of cables;
- **RFI094A: Additional drainage at Mirrabei Dr:** the design of the Mirrabei Dr road stub did include provision for both surface and sub-surface drainage at the end of the stub. An additional swale drain has had to be installed to allow this area to effectively drain. It is assumed that this swale will be temporary, as the extension of Mirrabei Dr will provide all necessary drainage.
- **RFI07A: Issues associated with the footpath and kerb transition at the bridge:** the interface between the bridge design and the earthworks formation did not align for the kerbing and footpaths. This was a design error that had the potential to delay works on site. SMEC and Brown worked together to arrive at an effective and timely solution.

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 merge 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 14th 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	2 Apr 2014	2 Apr 2014
SP3	Ch 600 – HPD1 Interface	06 May 2014	2 Apr 2014	2 Apr 2014

There was one EOT Claim in January 2014.

There are currently eight (8) weeks of construction until Hewatt's current program completion date. The sequence of works to be completed has been outlined into fortnightly periods below. A more detailed outline of the upcoming works can be found in Section 11.

Fortnight	Works to be carried out
3 Feb – 15 Feb	Sub-base placement; Kerbs; Streetlighting; Stone-pitching for floodway; Stormwater beneath bridge
17 Feb – 1 Mar	Kerbs and island infills; Streetlighting and Traffic Lighting; Guard-railing; Paths and Wall beneath bridge; Footpath tie-in to bridge; commence placement of base material.
3 Mar – 15 Mar	Completion of kerbs; Placement of base for main alignment and shared path; Prime for main-alignment and shared path, Stone pitching,
17 Mar – 2 Apr	14/7mm Seal & SMA Placement for main alignment; FGG AC to be placed for shared path; Lines & signs; Bridge railings, Landscape Planting; Handrailing and fencing.

Whilst it appears that Hewatt's current program is achievable, it will require significant co-ordination of not only Hewatt's resources but also of sub-contractors.

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

4.2. Extension of Time (EOT)

To date, twelve (12) EOT claims have been submitted by Hewatt. There was a single EOT Claim submitted in January 2014.

A total of 51.5 days have been claimed by Hewatt, with 35.5 days being approved. EOT Claim No. 11 & 12 has been due to extreme temperatures (inclement weather) within January 2014.

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/ 06 May 2014	2 Apr 2014
SP2/4	Burrumarra Ave – HPD1 Interface	Landscaping	03 Jun 2014/ 04 Nov 2014	7 October 2014

The EOT Register is included at Appendix B.

5. Financial Position

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

5.1. Progress Payments

Progress Payments certified to the end of January 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. 10 for January 2014:

NB: all amounts are inclusive of GST.

The following table shows Progress Payment Certifications to date:

Progress Payment No.	Month	Payment Certified (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	
Total to Date:		

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

5.2. Claims and Variations

SMEC's Variation Register is included at Appendix D.

Hewatt submitted a number of Variation Claims for work that had been previously completed. SMEC has assessed these claims and certified them as part of the January 2014 Progress Claim.

The amount claimed for Variations in January 2014 was The following is a summary of which Variations were claimed this month (all figures excl GST):

- V09 – Pricing of Missing BoQ Items
- V29 – HPD1/2 Change in Scope
- Miscellaneous Variations for Additional Works

The Total Amount for Variations currently approved is This amount includes a total of of approved overruns of BoQ lump sum items. At

the end of January 2014, a total of
for payment.

in Variations has been certified

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	Amount (excl GST)	Total Claimed to Date (excl GST)	% of Scheduled Quantity Claimed	% of Works Completed (SMEC Estimate)	Estimated Final Amount (excl GST)
2.0 EARTHWORKS							
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)					
3.0 UNDERGROUND SERVICES							
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)					
4.0 FLEXIBLE PAVEMENT CONSTRUCTION							
403P3.5	CBR6	m3 (PQ)					
8.0 INCIDENTAL WORKS							
804P1.3	Fence Type VS (Vermin and Stockproof)	m (PQ)					
804P1.6	Adjustment to existing fences as directed by the Superintendent	Item (PQ)					
Total Scheduled (excl GST)							

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)
001 PRELIMINARIES					
001P5	Compliance and Audit Testing as directed by the Superintendent				
001P6	Additional Work as Directed by the Superintendent				
2.0 EARTHWORKS					
211P1	Geotechnical Engineer, Supervision and Site Testing				
3.0 UNDERGROUND SERVICES					
304P11.1	Works by the Sewer Authority to existing sewer services				
308P5.1	Works by the Water Authority to existing water services				
8.0 INCIDENTAL WORKS					
815P1	Works by Electrical Authority				
815P2	Works by Telstra				
815P3	Works by Jemena				
815P4	Works by Transact				
Total Scheduled (excl GST)					

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. As can be seen there has been a significant decrease in the Estimated Final Contract Value due to the additional wearing course works at Burrumarra Ave being removed from the HPD2 works.

It can also be seen that there has been a significant increase to the amount of approved Variations due to the inclusion of the HPD1/2 scope changes as a Variation. The current Estimated Final Contract Value is compared to the Original Contract Value of . 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.

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

6. Environment

Joint weekly inspections between SMEC's surveillance officer and Hewatt's representative are ongoing. There have been no site visits by ACT EPA.

During the construction of the permanent stone-pitched floodway the temporary floodways are being altered to allow drainage across the Project at the bridge site.

The site was well prepared for the Christmas shutdown and no major rain events occurred over the break or within January 2014.

There have been no significant (*physical*) environmental issues to report this month.

7. Quality

As at 31 January 2014, a total of 258 Hold Points have been raised with 6 yet to be released. The 'open' Hold Points are awaiting works to be completed prior to inspection/release.

A total of 23 NCRs have been raised on the Project to date. This includes 20 Quality NCRs and 3 safety NCRs. There are several NCRs that are awaiting submission from Hewatt. SMEC intends to work through these items in February 2014

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

Hold Point Register Status	As at 31 January 2014	NCR Register Status	As at 31 January 2014
No. Raised	258	No. Raised	23
No. Open	6	No. Open	1

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.

Construction traffic is currently using the HPD2 bridge for access through the site. All test results had been received and were conforming to 28 day strength prior to trafficking.

9. Community

Throughout January 2014 Hewatt and SMEC were in correspondence with Lend Lease to inform him on progress of the electrical trenching required to be undertaken by HPD2 within Springbank Rise.

The Public Liaison Register can be found at Appendix G.

10. Industrial Relations

There have been no issues or incidents reported with regards to Industrial Relations to date.

11. Upcoming Works

The following works are planned for February 2014:

Pavements:

- Commencement of base material placement across site;
- Concrete to be poured for medians, islands and kerbs across site;
- Preparation of islands and kerb foundations.

Bridgeworks & Floodway:

- Construction of retaining wall and commencement of concrete paving beneath bridge;
- Construction of footpath transitions and concrete relieving slab for service conduits through the bridge;
- Completion of stone pitching for bridge abutments.

Services:

- Completion of Stormwater Line B beneath the bridge (this will complete stormwater works across site);
- Completion of water main works across site and pressure testing of the water main with ACTEW;
- Installation of electrical conduit and cabling from the Substation within Lend Lease's Springbank Rise to provide power supply for the streetlight and traffic light controllers.

Road Furniture & Misc.:

- Installation of street-lighting and traffic lighting across site;
- Guardrail installation either side of the bridge.

Landscaping:

- Continue with topsoiling of embankments and swales across the 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	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
6	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
7	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
8	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

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)	Revised 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
TOTALS					51.5	35.5						

Appendix C. Issue Register

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



ISSUES REGISTER

Issue Number	Description	Details	Date Raised	Raised By	Action	EOT-Variation No (If Applicable)	Status
001	Environmental Approvals from ACT EPA	Hewatt are to obtain Environmental Approvals from the ACT EPA prior to commencing works. The approval process is taking a long time.	1/04/2013		ACT EPA Approved methodologies and plans on the 24th May 2013		Closed
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. 1. Locations of stockpiles 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
003	DA Requirement - Conservation Management Plan	The Development Approval calls for the preparation of a Conservation Management Plan that allows for artefacts comprising HPD PAD1 to be salvaged. Prior to works commencing in and around HPD PAD1, the ACT Heritage Unit need to provide a approval.	11/04/2013		Approval received from ACT Heritage Unit	VO.01 & 02	Closed
004	Bicentennial National Trail (BNT) through Site	The current alignment of the BNT directs users (pedestrians, horses, bicycles) through the HPD2 construction site. A provision needs to be made to redirect the route to allow safety to the trail users	15/04/2013		The route was directed in consultation with BNT Representative. SMEC relocated the signs previously located within HPD2 to locations agreed to with		Closed
005	Treatment of fill & cut areas in poor and good ground conditions	An alternative option to the treatment of unsuitable ground in cut and fill areas was proposed by Hewatt and reviewed by SMEC (In conjunction with Brown Consulting and Douglas Partners). The result of the investigation was to leave the design unchanged.	23/04/2013		The treatments were to remain as per the current design, with the exception of deep fill in good ground conditions, where the treatment on dwg 11 was approved		Closed
006	Approved TCD drawings not yet received	The TCD drawings require approval from Roads ACT. This formal approval has not occurred and therefore the approved drawings have not been issued to the Contractor	27/06/2013		Approved drawings received 8th August 2013		Closed
007	Swale designed within Rural Block 814	The main swale discharging water from the Project has been designed within Rural Block 814. No prior approval has been granted to work within this property. Land withdrawal is required and an agreement with the property owner is being negotiated.	29/06/2013		Agreements have been made with the new leaseholder of the land and construction access was granted on the 10th October 2013. The official Land Withdrawal will take place on the 14th November 2013. The fencing has now been completed.		Closed
008	Pricing of missing Pay Items from BoQ	During SMEC's design review a number of Pay Items were identified to be missing from within the Bill of Quantities. Hewatt are requested to submit prices for these missing items for payment.	1/08/2013		Hewatt have provided rates for each of the missing items. These rates have been raised as part of V09. SMEC will review and close out the variation.		Closed

Issue Number	Description	Details	Date Raised	Raised By	Action	EOT-Variation No (If Applicable)	Status
009	Wearing course for Whitrod-Burrumarra Ave roundabout	SSP/Roads ACT have asked HPD2 to submit an indicative cost for placing the wearing course at the Horse Park Drive Roundabout at Whitrod/Burrumarra Ave.	1/08/2013		SSP advised on 25 Jan 2014 that these works will not be proceeding as part of HPD2. Roads ACT will complete these works under a separate contract.		Closed
010	Boundary Adjustment Issues along Road Corridor	A number of areas have been identified where the construction works for the Project encroach into surrounding properties. The floodway on the Taylor side of the bridge is designed within boundary.	23/08/2013		The appropriate surveys and plans have been produced and forwarded to ACTPLA to commence the land withdrawal process with ACTPLA have commenced the land withdrawal process. Date for withdrawal is 4 February 2014. LandData will prepare the amended DP for the new Block.		Closed
011	Proposal to install Conduit Crossings at Road 04 and Mirrabai Dr Intersections	As part of the electrical supply to the streetlight and traffic light controllers, electrical conduit crossings will need to be installed at Road 04 and Mirrabai Dr. It is proposed all conduits be installed to prevent future damage to the completed works.	30/08/2013		SMEC has issued an instruction to Hewatt to provide a price for the works and complete the works.		Open
012	Interface with Ngunnawal 2C	The design for Ngunnawal 2C development on the southern side of Horse Park Drive includes a sound mound that encroaches into the HPD2 Project.	29/08/2013		Brown have responded to RFI063A and have provided advice/confirmation on a number of issues.		Closed
013	HPD1-HPD2 Interface Change in Scope	Due to the relative timings of the two projects, the transition between HPD1 and HPD2 is proposed to be constructed as a single operation.	5/09/2013		SMEC and Brown (Superintendents on HPD1) have met to discuss the division of responsibility for each Superintendent. A Limit of Works has been established between the two Projects. SMEC have issued a formal letter to Hewatt. Hewatt have raised a Variation for these works.		Closed
014	Realignment of existing gas main at CH60 to tie into Shared Trench	The existing gas main along Horse Park Drive and across Burrumarra Ave is not in the location shown in the existing services pickup in the design drawings. The line needs to be connected into the shared trench.	1/10/2013		The gas main has been capped at Burrumarra Ave and will be connected into the shared trench alignment at CH60.		Closed
015	Excess Fill from Swale 15	Due to the delay in commencing excavations for Swale 15 (refer to ISS007), all general fill requirements have been satisfied and material from Swale 15 must be spoiled.	25/10/2013		A Hold Point has been released to allow spoiling operations on the Northern side of HPD at CH1440-1780. There was less excavated material than expected.		Closed
016	HPD1 & HPD2 Amalgamation	Hewatt have proposed to merge the two projects into one in order to bring the completion of HPD2 forward and for ease of construction.	8/11/2013		ACT Govt. have agreed to amend the dates for PC for the remaining SPs on HPD1 and HPD2. The two Project will remain separate. SMEC has issued a formal notice of decision to Hewatt.		Closed
017	Connection of Shared Trench to existing services at Burrumarra Ave (CH 60)	The design did not provide information on how to connect the shared trench to existing services.	14/11/2013		Telstra - subcontractor will connect to existing network; NBN Co. will terminate at NBN Co B Pit at CH60; Electrical - conduits are to be capped at CH60; Gas - to be connected to existing at Burrumarra Ave.		Closed

Issue Number	Description	Details	Date Raised	Raised By	Action	EOT-Variation No (If Applicable)	Status
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	John Husband	EDD will meet with Roads ACT on Tuesday 18 Feb 2014 to discuss potential changes to HPD2 SMA.		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	John Husband	Hewatt will provide a schedule for producing WAE drawings and achieving handover for various utility authorities.		Open

Appendix D. Variation Register

HORSE PARK DRIVE EXTENSION – BURRUMBOOIA 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						
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		Changes to the Watermain from Tender				Scope Change		Agreed
07		Supply and Installation of Combined Usage Pole				Contractor Proposed Alternative		Agreed
08		Select CBR Changes from Design to Construction				Design/ Document deficiency		Agreed
09	008	Pricing of Missing Pay Items from the Bill of Quantities				Design/ Document deficiency		Agreed
10		Supply of 375mm uPVC Sewer Pipe not used				Design Improvement		Closed
11		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
18	017	Additional works with Gas Main from Ch60 - Ch20				Latent/ Site Condition		Closed
21	017	Additional works with Telstra from Ch20 - Ch60				Latent/ Site Condition		Closed
22		Additional Length of PD1 Fencing with In-situ Footings				Limit of Accuracy		Closed

Variation Number	Contract Issue Number	Description	Price Submitted (excl GST)	Price Agreed (excl GST)	Amount Certified to Date (excl GST)	Classification	Support Information	Status
25	011	Additional Shared Trench Road Crossings at CH970 and CH1500				Design Improvement		Closed
26		Deduction for the use of Jute Mesh as opposed to Jute Mat				Contractor Proposed Alternative		Agreed
29	013	HPD1 & HPD2 Quantity Adjustments for Changes in Scope of Works				Scope Change		Pending
30		Additional Shared Trench at East side of Mirrahei Dr				Superintendent Request		Closed
TOTALS								

Appendix E. Estimated Final Contract Value Summary

Horse Park Drive Extension Project (Burrumarra Ave to Mirrabai Dr) - January 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 Jan-2014
Section No	Description	Original Contract Value (excl GST)	Estimated Final Value (excl GST)	Difference	Quantity Overruns to Date
Civil Works					
		(1)	(2)	(3) = (2) - (1)	(4)
0	Preliminaries	\$			
1	Provision for Traffic	\$			
2	Earthworks	\$			
3	Underground Services	\$			
	<i>Excavation and Backfilling</i>	\$			
	<i>Sewerage</i>	\$			
	<i>Stormwater Drainage</i>	\$			
	<i>Subsoil Drains</i>	\$			
	<i>Conduits</i>	\$			
	<i>Water Supply Mains</i>	\$			
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	\$			
	Subtotal:	\$			
Variations					
	Subtotal:	\$			
Quantity Overruns/Underruns					

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
092A	Proposal to revise alignment and location of the shared trench road crossings at CH 970 and Road 04.	7/01/2014	No	7/01/2014		Utilities	Construction Alternative		8/01/2014	Closed
093A	Details for termination of shared trench at Mirrabai Dr stub	23/01/2014				Utilities	Design Clarification		28/01/2014	Closed
094A	Proposed changes to drainage configuration at Mirrabai Dr stub	13/01/2014	No			Drainage	Design Error		13/01/2014	Closed
095A	Confirmation of gas pipe diameter for Road 04 stub	16/01/2014	No			Utilities	Design Clarification		24/01/2014	Closed
096A	Locations of conduits to provide power (& comms) to SLOC and TLC	23/01/2014	No			Utilities	Design Clarification		12/02/2014	Closed
097A	Issues associated with transition of footpath and kerb from Bridge & Approach Slab	21/01/2014	Yes	21/01/2014	28/01/2014	Concrete Kerbs, Footpaths and Minor Works	Design Error		28/01/2014	Closed
098A	Approval for disposal of additional trench spoil material at approx CH460-600 (Taylor side)	21/01/2014	No			Earthworks	Other Approval		12/02/2014	Closed
099A	Clarification of edge detail to stone pitching at floodway	29/01/2014	Yes	29/01/2014	29/01/2014	Incidental Works	Design Clarification		29/01/2014	Closed
Total = 8										

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	(SMCW)	(DNI)	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 Land 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	13/06/2013			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)			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 [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	
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				[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	

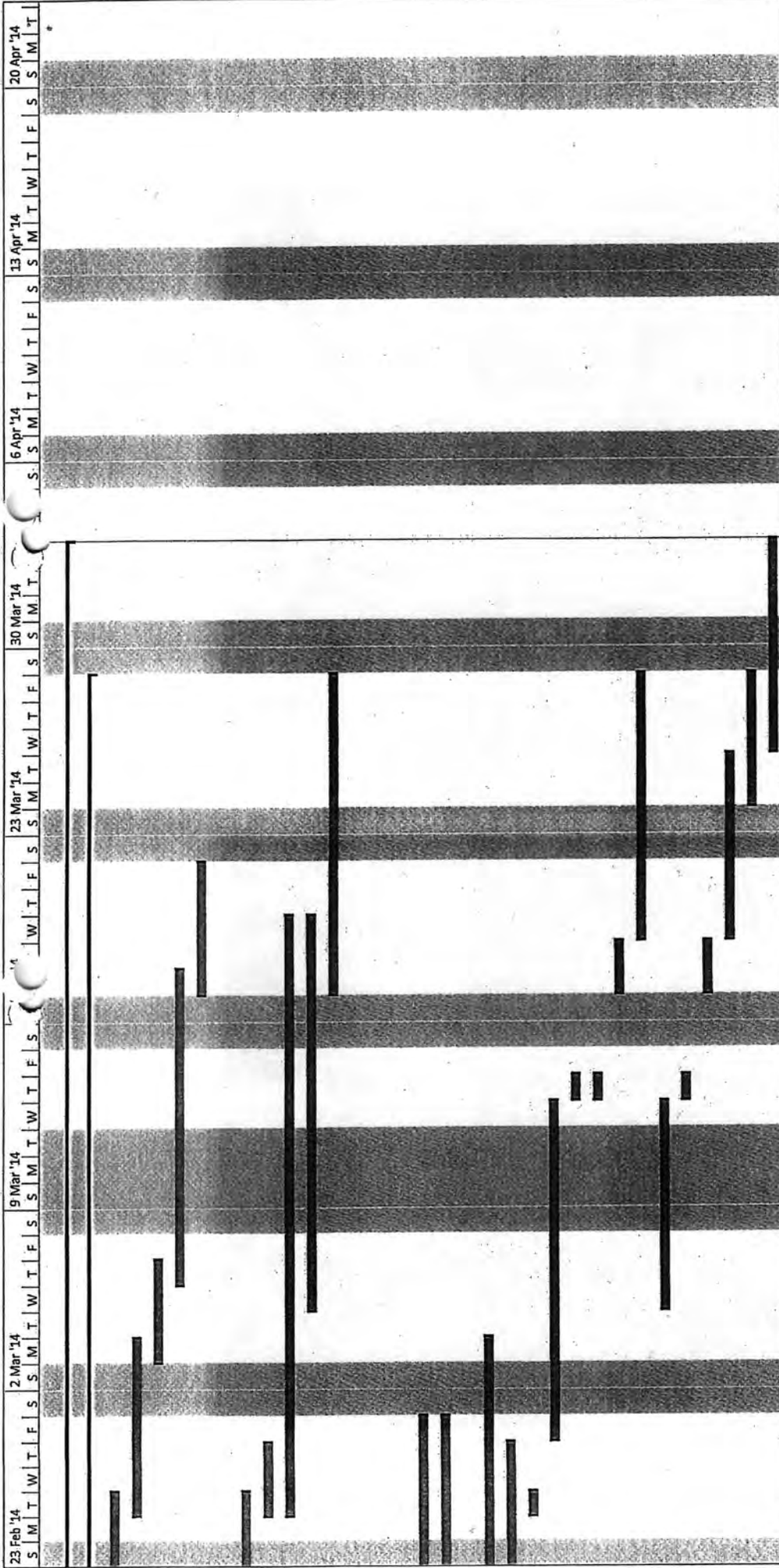
Friday, 7 February 2014

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		Patrick Hancock/John Husband (through Ben McHugh)	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	
13	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 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 alignment 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	

Friday, 7 February 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	I (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	

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: Survey conformance being completed on Select Material adjacent to Road 04 Intersection

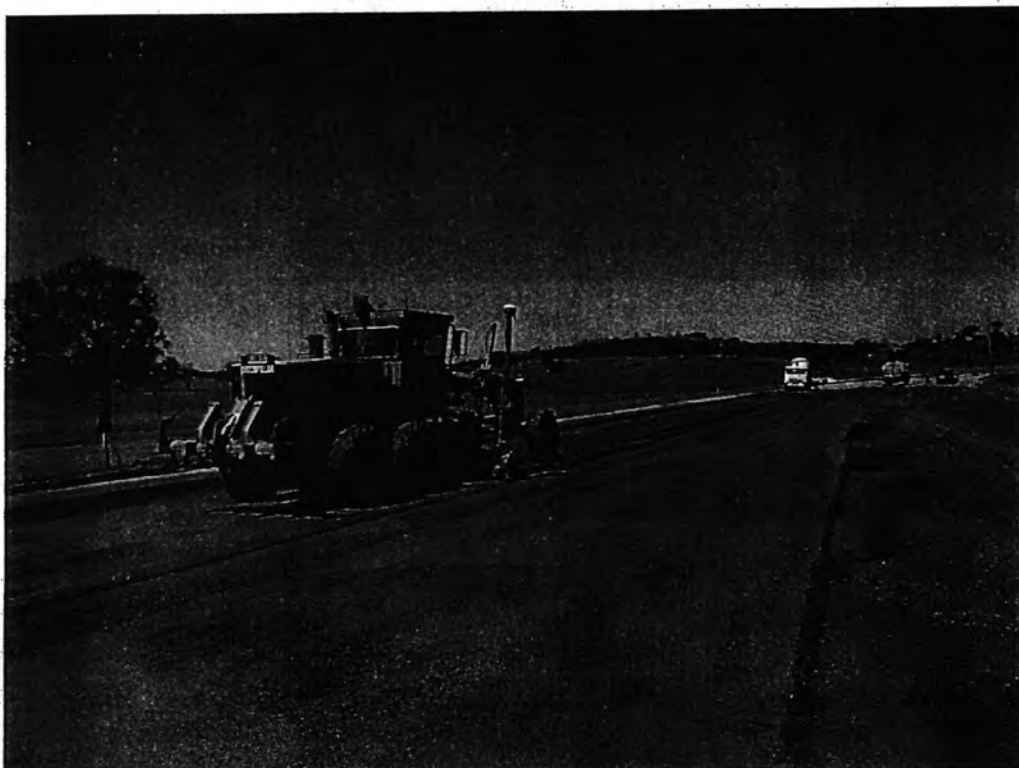


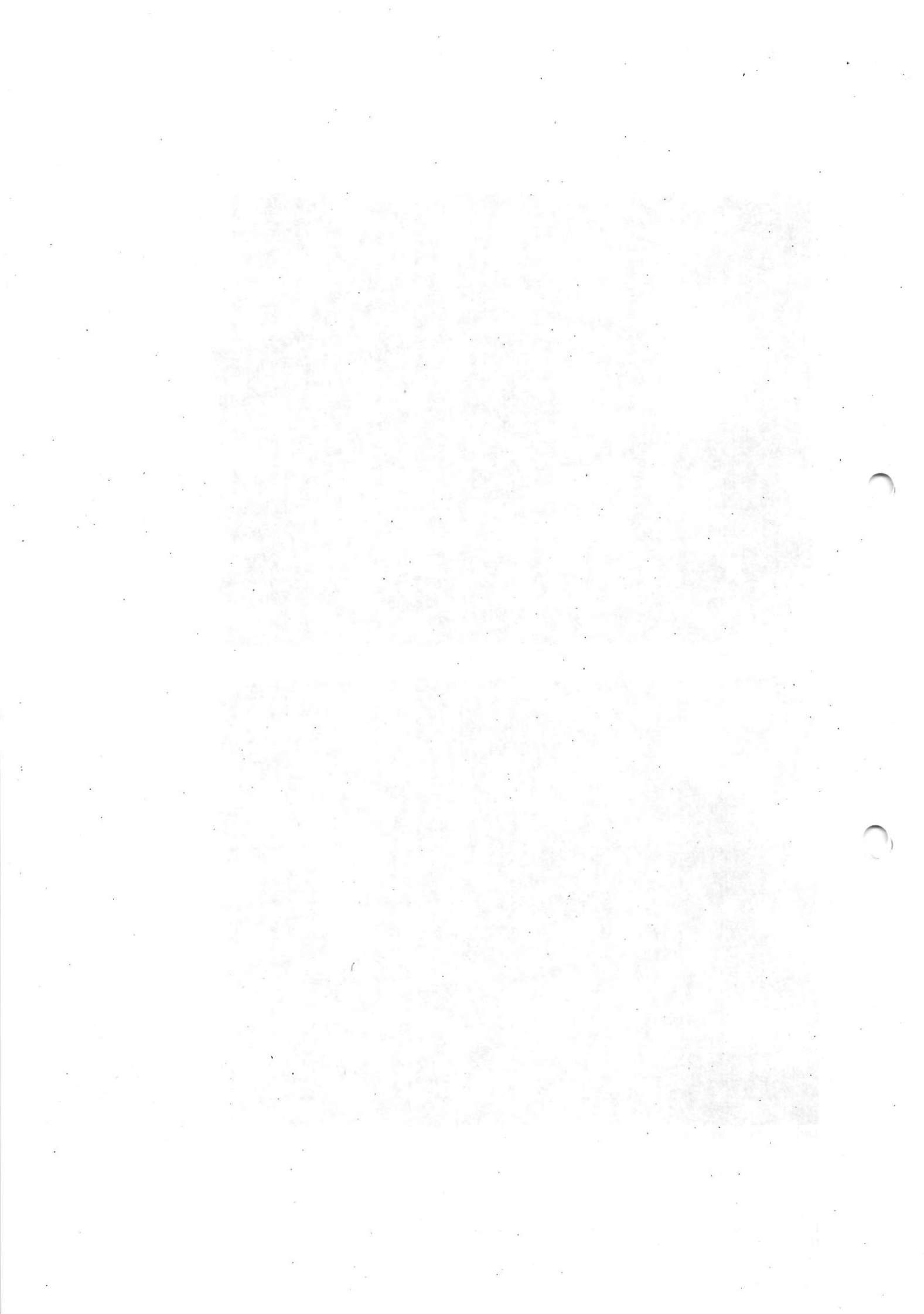
Image 02: Placement of sub-base material and preparation of kerb foundations



Image 03: Stone-pitching of floodway and connection to Casey headwall outlet



Image 04: Trenching for streetlight conduits west of bridge site.



HORSE PARK DRIVE EXTENSION BURRUMARRA AVENUE to MIRRABEI DRIVE



WEEKLY REPORT FOR WEEK ENDING: 18 January 2014

1. WHS

- a. Site inductions continuing;
- b. Hewatt's stopped work on site when temperatures reached 37 °C. As a result, there were no activities on site in the afternoons (after 1pm) on Wed, Thurs and Fri and no work on Sat.

2. Traffic Management

- a. The bridge at CH 440 is now open for construction traffic. Hewatt has started excavation & stone pitching works in swale on LHS verge, therefore diverted site traffic over the bridge.
- b. The client requested to change the entrances of the site on the existing road at HPD1 by shifting traffic onto opposite sections of the newly laid asphalt, in order to monitor the effect of traffic on the road surface. No changes have been made to the site access road as of yet.



3. Design

- a. *Location of street-lighting beneath bridge (RFI079A)* – SMEC has issued Brown's response to Hewatt. The solution included reducing the height of the column to 4.5m and orientating the access panel towards the footpath. There may be additional costs for columns already manufactured and not required.
- b. *Change of footing type for Stone Wall beneath bridge (RFI087A)* – SMEC has issued Brown's endorsement of the proposal to Hewatt.
- c. *Proposed changes to drainage configuration at Mirrabai Dr Stub (RFI094A)* – the subsoil drainage cannot be constructed as per the design due to the shallow stormwater connections and road level constraints. SMEC has endorsed Hewatt's proposal and works have proceeded. SMEC has also asked Brown to review the response.
- d. *Design changes to gas pipe size at Road 4 and road crossing (RFI095A)* – Hewatt submitted an RFI based on information received from the gas subcontractor of a change in pipe size from 50mm to 110mm Ø at Road 4. ZNX confirmed this change with a marked-up drawing, also showing a 110mm Ø pipe at CH 970 road crossing. No pipe required at CH 1500 road crossing. SMEC issued this response to Hewatt.

4. Construction

- a. Complete laying of conduits and bedding sand for shared trench from CH 850 to 900 and 980 to 1400 and Road 4;
- b. Laying of gas pipe started in shared trench from CH 840 to CH 1400 and along Road 4 (110mm);
- c. Place and compact DGB material from CH 1600 to 1880
- d. Completed select material at islands and final grading of select at Road 4;
- e. Complete Subsoil installation between CH1200 and 1580 (rework of subsoil between CH 1520 and CH1580 due to design change);
- f. Subsoil installation started at Road 04.
- g. Complete subsoil installation and ditch excavation at Mirrabai Dr as per RFI094A.
- h. Handrails and guardrail installation on bridge continued;
- i. Revised setting out stormwater line under bridge (North side) as per RFI067A and excavation started on western side pit under the bridge.
- j. Backfilling and compaction of revised shared trench road crossing at Road 04.



- k. Laying NBN conduits and pit installation from CH 840 to Mirrabai Dr. NBN rep did an inspection on Fr and no issues found. Backfilling started at CH 840 to 900.
- l. Shared trench excavation from Mirrabai Dr to CH 1540
- m. Damaged Stormwater pipe found at Rd 04 still to be rectified.
- n. Gas pipe welding continues at CH 1100
- o. Stone pitching works continues west of bridge
- p. Grading of select fill between CH 1200 to 1600.

5. Meetings

- a. No meetings this week. The next site meeting will be 24 January 2014.

6. Issues

- a. *Wearing Course at Burrumarra Ave (ISS009)* – Roads ACT are expected to respond to SSP in the coming week regarding details relating to the works;
- b. *Additional Conduit Crossings across HPD at Mirrabai Dr and Road 04 Intersections (ISS013)* – works have been completed, Hewatt will submit a price for these works to SMEC;
- c. *Interface with Springbank Rise (ISS002)* – Hewatt are planning on commencing trenching within the next fortnight. Contact with Lend Lease will be made accordingly.
- d. *Supply of stone for stone-pitching* – a stockpile of stone delivered to site prior to the Christmas break was a different colour to the previous deliveries. The quarry has informed Hewatt that the original colour is still available, although the stones may not be the required size. Hewatt will look at using a rock hammer to break them up.

7. Payments

- a. SMEC has reviewed Hewatt's December 2013 Claim. Amount claimed: _____ Amount certified: _____ The amount certified included a _____ negative claim to annul Streetlight materials claimed in October 2013 (as Bank Guarantee was not provided).
 - As the amount Certified and Invoiced in the October 2013 Claim included this amount (& _____ was paid short), Hewatt will invoice _____ for December 2013 (to include payment for the _____) as the total cumulative amount certified should now be paid in total).

8. Activities Planned for the Upcoming Fortnight

- a. Completion of the shared trench between CH 1480 and 1540
- b. Install traffic signal conduits at Road 04 intersection
- c. Complete subsoil drainage installation at Road 4
- d. Complete stone pitching works on the western side of bridge and rework of rejected stone pitching section on the south.
- e. Excavation and electrical conduit laying for the connection to Springbank Rise
- f. Kerb laying either side of the bridge
- g. Excavation and laying stormwater pipe under bridge
- h. Concreting of remaining headwalls
- i. Laying DGB between CH 1420 to 1600 and CH 720 to 980.

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



Image 03: Stone pitching at western side of bridge



Image 04: Gas pipe and NBN conduits, CH 1200

Photos



Image 01: DGB material at CH 1600 to 1880



Image 02: Guardrail and handrail installation on bridge

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



HEWATT



WEEKLY REPORT FOR WEEK ENDING: 11 January 2014

1. WHS

- a. Site inductions continuing;
- b. Hewatt's safety officer fainted while in the site office on Tuesday morning and was taken to hospital for treatment and tests. He returned to work the next day and is yet to receive the test results / diagnosis.

2. Traffic Management

- a. No change.
- b. The client requested to change the entrances of the site on the existing road at HPD1 by shifting traffic onto opposite sections of the newly laid asphalt, in order to monitor the effect of traffic on the road surface. No changes have been made to the site access road as of yet.

3. Design

- a. *Location of street-lighting beneath bridge (RFI079A)* – a solution to HPD1's problems has been accepted by TaMS. SMEC consulted with Brown before the Christmas break to determine if a similar solution will address HPD2's design issues, i.e. to rotate the streetlight by 180 degrees. Awaiting response from Brown.
- b. *Change of footing type for Stone Wall beneath bridge (RFI087A)* – SMEC will follow up with Brown for a response to this in the coming week.
- c. *Relocation of stormwater pit B3 next to bridge (RFI067A)* – Hewatt's surveyor to set-out new location and determine exact levels & coordinates based on the site condition (low point, footpath location etc).
- d. *Proposal to revise shared trench road crossing alignment at CH 970 and Road 04 (RFI092)* – Hewatt submitted a proposal to change the alignment of the shared trench road crossings at Road 04 due to clashes with other utilities and was approved by SMEC.
- e. *Proposed changes to drainage configuration at Mirrabai Dr Stub* – the subsoil drainage cannot be constructed as per the design due to the shallow stormwater connections and road level constraints. Hewatt to submit an RFI based on discussions on site.

4. Construction

- a. Complete excavation for shared trench from CH 850 to 900 and 980 to 1400;
- b. Laying conduits in shared trench from CH 840 to CH 900 and along Road 4;
- c. Completed select material at islands CH 1200 to 1600;
- d. Shared trench road crossing completed at CH 970;
- e. Traffic signal conduits completed at Mirrabai intersection;
- f. Final Grading of select material between CH 1000 to 1420;
- g. Complete Subsoil excavation and installation between CH1400 and 1860;
- h. Handrails on bridge installation continued;
- i. Cut to formation level at Mirrabai Drive and fill island;
- j. Setting out stormwater line under bridge (North side), to be changed to new design;
- k. Setting out and excavation of revised shared trench road crossing at Road 04 and placing conduits;
- l. Setting out Mirrabai Rd subsoil drains;
- m. Bridge was open to construction traffic this week.

5. Meetings

- a. No meetings this week. The next site meeting will be 24 January 2014.

6. Issues

- a. *Wearing Course at Burrumarra Ave (ISS009)* – Roads ACT are expected to respond to SSP in the coming week regarding details relating to the works;
b. *Additional Conduit Crossings across HPD at Mirrabei Dr and Road 04 Intersections (ISS013)* – Hewatt will submit a price for these works to SMEC;
c. *Interface with Springbank Rise (ISS002)* – Hewatt will inform Lend Lease when they expect to be completing trenching works within Springbank Rise in the New Year.

7. Payments

- a. Hewatt has submitted their monthly claim for December on 20 Dec '14 and will be assessed by SMEC after the Christmas break, by 13 January 2014.

8. Activities Planned for the Upcoming Fortnight

- a. Planned work for the start of January include the completion of the shared trench including all road crossings
b. Install traffic signal conduits at Road 04 intersection
c. Complete subsoil drainage installation for all the site
d. Complete island filling and final grading of select material from HPD1 to Mirrabei intersection and start placing DGB material.
e. Stone pitching works on the western side of bridge and rework of rejected stone pitching section on the south.
f. Excavation and electrical conduit laying for the connection to Springbank Rise
g. Kerb laying either side of the bridge
h. Excavation and laying stormwater pipe under bridge
i. Concreting of remaining headwalls

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

Photos



Image 01: Shared trench construction at CH 900



Image 02: Traffic Signal conduits at Mirrabai Dr intersection



Image 03: Cutting of formation and placing Select in island at Mirrabei Dr



Image 04: Setting out of subsoil at Mirrabei Dr