

RFI-141-4239-00582

TO:	Stuart Reeves, Phil Henderson, DBRIU CA Correspondence (Jacobs), Grahame Ritchie, Graham Cash, Tom Penrose, Boyd Moore, Mick Hook, Krystyna Kuhnel, Tony Summerfeldt
CC:	Shawn Davis, Richard Morrison, Sead Jukic, Madeline Walkington, Anthony Parlato, Katie ODonoghue, Chris Stack, James Carroll, Neil den Exter, Kyle Sherriff, Anthony Atkinson, Elliott Stanton, Amy Hudson, Melville Tobena, Samuel Neck, Brendyn Rheinberger, Bridget Burton
From:	Katie ODonoghue
Subject:	Construction Method Statement - Demolition of Bridge
Number:	RFI-141-4239-00582
Type / Area:	RFI / General / Structures
Location:	141 - 4239 - DECEPTION BAY RD INTERCHANGE
Attachments:	4239-CMS-017 - Demolition of Existing Deception Road Overpass.pdf, Appendix B - Demex Demolition Management Plan.pdf,
Sent Date:	19-Nov-2021
Response Required By:	14-Jan-2022
Sub Types:	General
Status:	Over Due

Hi Tom,

In accordance with MRTS04.1 Clause 15.1.1 the contractor proposes the attached procedure for demolition and removal of the existing Deception Bay Road Bridge.

This work is currently programmed to commence in February 2022, in accordance with MRTS04.1 Clause 14 and Drawing 837583 Note 9, this plan is submitted for approval greater than the 56 days prior to closing of existing bridge.

As inspections are completed and forms and permits are approved in lead up to the works the appendixes within this CMS and the CMS itself will be updated accordingly.

Can you please review and provide approval for use of this methodology.

If there is any questions or queries in relation to the attached, please do not hesitate to contact me.

Thanks again,

Katie

Regards,

Katie ODonoghue Senior Project Engineer

BMD CONSTRUCTIONS PTY LTD

Mobile: 0467734254

Replies

 **Katie ODonoghue** - Shawn Davis, Richard Morrison, Sead Jukic, Madeline Walkington, Anthony Parlato, Chris Stack, Stuart Reeves, James Carroll, Neil den Exter, Kyle Sherriff, Anthony Atkinson, Elliott Stanton, Amy Hudson, Melville Tobena, Samuel Neck, Phil Henderson, DBRIU CA Correspondence (Jacobs), Grahame Ritchie, Graham Cash, Tom Penrose, Boyd Moore, Mick Hook, Krystyna Kuhnel, Tony Summerfeldt, Brendyn Rheinberger, Bridget Burton

Hi All,

Please see attached CV and capability statement from RPEQ Richard Erwin.

If there is anything else you require, please do not hesitate to contact me.

Thanks,

Katie

ERWIN Richard - Project History.pdf () , BMD Constructions (Demex Projects).pdf () , PF898Q - Deception Bay Bridge - DEMEX Bridge Capability_0.pdf ()

22-Mar-2022 10:08 AM

💬 Katie ODonoghue - Shawn Davis, Richard Morrison, Sead Jukic, Madeline Walkington, Anthony Parlato, Chris Stack, Stuart Reeves, James Carroll, Neil den Exter, Kyle Sherriff, Anthony Atkinson, Elliott Stanton, Amy Hudson, Melville Tobena, Samuel Neck, Phil Henderson, DBRIU CA Correspondence (Jacobs), Grahame Ritchie, Graham Cash, Tom Penrose, Boyd Moore, Mick Hook, Krystyna Kuhnel, Tony Summerfeldt, Brendyn Rheinberger, Bridget Burton

Hi All,

Please see attached updated hourly run sheet and VMP outlining viewing area and exclusion zone.

Thanks,

Katie

Appendix L - VMP Demo Laydown - East Rev 1.pdf () , Appendix C - Bridge Demo Program - Highway Closures Rev 2.pdf () , Appendix L - VMP Demo Laydown - West Rev 1.pdf ()

22-Mar-2022 9:05 AM

💬 Tom Penrose - Katie ODonoghue, Shawn Davis, Richard Morrison, Sead Jukic, Madeline Walkington, Anthony Parlato, Chris Stack, Stuart Reeves, James Carroll, Neil den Exter, Kyle Sherriff, Anthony Atkinson, Elliott Stanton, Amy Hudson, Melville Tobena, Samuel Neck, Phil Henderson, DBRIU CA Correspondence (Jacobs), Grahame Ritchie, Graham Cash, Tom Penrose, Boyd Moore, Mick Hook, Krystyna Kuhnel, Tony Summerfeldt, Brendyn Rheinberger, Bridget Burton

Hi Katie - some minor comments from TMR in the attached. Can BMD progress/address the following 2 key aspects today: - updated/current run sheet - RPEQ CV

4239-CMS-017 - Demolition of Existing Deception Road Overpass Rev D NWR comments.pdf ()

18-Mar-2022 7:50 AM

💬 Katie ODonoghue - Shawn Davis, Richard Morrison, Sead Jukic, Madeline Walkington, Anthony Parlato, Chris Stack, Stuart Reeves, James Carroll, Neil den Exter, Kyle Sherriff, Anthony Atkinson, Elliott Stanton, Amy Hudson, Melville Tobena, Samuel Neck, Phil Henderson, DBRIU CA Correspondence (Jacobs), Grahame Ritchie, Graham Cash, Tom Penrose, Boyd Moore, Mick Hook, Krystyna Kuhnel, Tony Summerfeldt, Brendyn Rheinberger, Bridget Burton

Hi Krystyna,

Please see attached updated CMS as per discussions in todays meeting.

Also attached is a Capability Statement of Demex and their RPEQ Richard Erwin.

If there is anything else required, please do not hesitate to contact me.

Kind Regards,

Katie

PF898Q - Deception Bay Bridge - DEMEX Bridge Capability_0.pdf () , Appendix D - SWMS.pdf () , Appendix C - Bridge Demo Program - Highway closures.pdf () , Appendix B - Demex Demolition Plan Rev 5.pdf () , 4239-CMS-017 - Demolition of Existing Deception Road Overpass Rev D.pdf () , Appendix K - Microbat Survey.pdf () , Appendix F - Existing Bridge Drawings.zip () , Appendix E - form65-00011395.pdf ()

16-Mar-2022 5:06 PM

Madeline Walkington - Shawn Davis, Richard Morrison, Sead Jukic, Anthony Parlato, Katie ODonoghue, Chris Stack, Stuart Reeves, James Carroll, Neil den Exter, Kyle Sherriff, Anthony Atkinson, Elliott Stanton, Amy Hudson, Melville Tobena, Samuel Neck, Phil Henderson, DBRIU CA Correspondence (Jacobs), Grahame Ritchie, Graham Cash, Tom Penrose, Boyd Moore, Mick Hook, Krystyna Kuhnel, Tony Summerfeldt, Brendyn Rheinberger, Bridget Burton

Hi Krystyna,

Please see attached updated CMS and appendices.

Please note the following:

- There is no risk assessment or associated weight calculation for the excavators holding the weight of spans during the demolition works, these elements will be separated in a manner that will allow them to fall directly onto the road protection and processed from there;
- The Girders are locked in by the transverse beam above the centre pier, this in conjunction with the sections of deck / transverse beams left while saw cutting and the wing walls on the abutments which will provide stability to the beams;
- The inspection form is a blank document that is completed on the night, an example of this is attached.
- The hour by hour program considers discussions today around approval of an additional 45min on the northbound highway closure. Southbound demo has been programmed such that it falls with the additional hours already approved for the Friday and Saturday nights;
- Signed OHRF is attached.

Cheers,

Maddy

20220209_Out of Hours Request Form Bridge Demo Signed.pdf () , Example RPEQ inspection report.pdf () , Appendix K - Microbat Survey.pdf () , Appendix F - Existing Bridge Drawings.zip () , Appendix E - form65-00011395.pdf () , Appendix D - SWMS.pdf () , Appendix C - Bridge Demo Program - Highway closures.xlsx () , Appendix B - Demex Demolition Plan.pdf () , 4239-CMS-017 - Demolition of Existing Deception Road Overpass Rev C.pdf ()

15-Mar-2022 5:59 PM

Krystyna Kuhnel - Katie ODonoghue, Shawn Davis, Richard Morrison, Sead Jukic, Madeline Walkington, Anthony Parlato, Chris Stack, Stuart Reeves, James Carroll, Neil den Exter, Kyle Sherriff, Anthony Atkinson, Elliott Stanton, Amy Hudson, Melville Tobena, Samuel Neck, Phil Henderson, DBRIU CA Correspondence (Jacobs), Grahame Ritchie, Graham Cash, Tom Penrose, Boyd Moore, Mick Hook, Krystyna Kuhnel, Tony Summerfeldt, Brendyn Rheinberger, Bridget Burton

Hi Katie, Please find attached review comments from CA & TMR. In addition to the OOHW form can following attachments also be included in the CMS: - Bridge Demo properties over night criteria - TMR - Demo Noise relocation approach

4239-CMS-017 - Demolition of Existing Deception Road Overpass Rev B_CA_Review.pdf () , Appendix B - DP898-02.0 - Demolition Plan PF 898 Rev B_CA_Comments.pdf () , Att 1 Bridge Demo properties over night criteria.pdf () , TMR - Demo Noise relocation approach.docx ()

14-Mar-2022 1:36 PM

🗨️ Katie ODonoghue - Shawn Davis, Richard Morrison, Sead Jukic, Madeline Walkington, Anthony Parlato, Chris Stack, Stuart Reeves, James Carroll, Neil den Exter, Kyle Sherriff, Anthony Atkinson, Elliott Stanton, Amy Hudson, Melville Tobena, Samuel Neck, Phil Henderson, DBRIU CA Correspondence (Jacobs), Grahame Ritchie, Graham Cash, Tom Penrose, Boyd Moore, Mick Hook, Krystyna Kuhnel, Tony Summerfeldt, Brendyn Rheinberger, Bridget Burton

Hi Krystyna,

Please see attached updated CMS Document.

Note that the hourly program is still under review and will be submitted this afternoon following the meeting.

Other outstanding items are the Form 65 and RPEQ letter which should also follow this afternoon.

If there is any issues with the attached, please do not hesitate to contact me.

Thanks,

Katie

Appendix G - BMD-125 - South bound Detour route and intersections Local Roads EastTGS and RA (2).pdf () , Appendix G - BMD-123 - North bound Detour route and intersections Local Roads West TGS and RA (1).pdf () , Appendix K Microbat Survey.pdf () , Appendix L - VMP Demo Laydown - East.pdf () , Appendix L - VMP Demo Laydown - West.pdf () , Appendix F - Existing Bridge Drawings (2).zip () , Appendix D - SWMS PF 898 V 1.0- QLD.pdf () , Appendix B - DP898-02.0 - Demolition Plan PF 898 Rev B.pdf () , 4239-CMS-017 - Demolition of Existing Deception Road Overpass Rev B.pdf () , Appendix A - Sawcut Design.pdf ()

09-Mar-2022 10:11 AM

🗨️ Tom Penrose - Katie ODonoghue, Shawn Davis, Richard Morrison, Sead Jukic, Madeline Walkington, Anthony Parlato, Chris Stack, Stuart Reeves, James Carroll, Neil den Exter, Kyle Sherriff, Anthony Atkinson, Elliott Stanton, Amy Hudson, Melville Tobena, Samuel Neck, Phil Henderson, DBRIU CA Correspondence (Jacobs), Grahame Ritchie, Graham Cash, Tom Penrose, Boyd Moore, Mick Hook, Krystyna Kuhnel, Tony Summerfeldt, Brendyn Rheinberger, Bridget Burton

Thanks Katie - we will review and provide comments as soon as possible. In the meantime, from an environmental perspective, can BMD please review the Noise and Vibration Impact Assessment report and advise it is still applicable for the demo (in regards to the assessment of the bridge demolition works and proposed demo methodology). As per BMD's Noise and vibration Management Plan the out of hours work procedure is required to be addressed for the work activity of Bridge Demolition. This includes • Confirm the predicated noise levels for the works and extent of impact. • Review and advise on reasonable and practicable mitigation measures • Discuss community consultation requirements with the community engagement manager • Confirm if monitoring is required.

02-Feb-2022 8:01 AM

Krystyna Kuhnel - 08-Feb-2022 10:03 AM - All Active Recipients

Hi Katie, Please find attached initial comments for the updated CMS.

4239-CMS-017 - Demolition of Existing Deception Road_CA_Comments - Feb.pdf ()

🗨️ Katie ODonoghue - Shawn Davis, Richard Morrison, Sead Jukic, Madeline Walkington, Anthony Parlato, Chris Stack, Stuart Reeves, James Carroll, Neil den Exter, Kyle Sherriff, Anthony Atkinson, Elliott Stanton, Amy Hudson, Melville Tobena, Samuel Neck, Phil Henderson, DBRIU CA Correspondence (Jacobs), Grahame Ritchie, Graham Cash, Tom Penrose, Boyd Moore, Mick Hook, Krystyna Kuhnel, Tony Summerfeldt, Brendyn Rheinberger, Bridget Burton

Hi Krystyna,

Please see attached update to demolition plan, please note this is a live document with some items still outstanding in relation to Micro Bat Surveys and RPEQ certification.

If there is any further information you require, please do not hesitate to contact me.

Kind Regards,

Katie

4239-CMS-017 - Demolition of Existing Deception Road Overpass.pdf ()

01-Feb-2022 12:32 PM

🗨️ Katie ODonoghue - Shawn Davis, Richard Morrison, Madeline Walkington, Anthony Parlato, Chris Stack, Stuart Reeves, James Carroll, Neil den Exter, Kyle Sherriff, Anthony Atkinson, Elliott Stanton, Amy Hudson, Melville Tobena, Samuel Neck, Phil Henderson, DBRIU CA Correspondence (Jacobs), Grahame Ritchie, Graham Cash, Tom Penrose, Boyd Moore, Mick Hook, Krystyna Kuhnel, Tony Summerfeldt, Brendyn Rheinberger, Bridget Burton

Hi Krystyna,

With our onsite meeting occurring tomorrow, please see attached updated CMS to address comments. I have attached a tracked changes document as well to make things clearer.

Also attached is the Appendix we have available to us at this point in time. I am still working with the subcontractor to address your comments on their methodology and we will have this shortly.

Thanks,

Katie

4239-CMS-017 - Demolition of Existing Deception Road Overpass Revised.pdf () , 4239-CMS-017 - Demolition of Existing Deception Road Overpass - Mark Up.pdf () , Appendix B - Demex Demolition Management Plan (1).pdf () , Appendix A - Saw Cut Design.pdf () , Appendix F - Existing Bridge Drawings.zip ()

02-Dec-2021 4:29 PM

🗨️ Krystyna Kuhnel - Katie ODonoghue, Shawn Davis, Richard Morrison, Madeline Walkington, Anthony Parlato, Chris Stack, Stuart Reeves, James Carroll, Neil den Exter, Kyle Sherriff, Anthony Atkinson, Elliott Stanton, Amy Hudson, Melville Tobena, Samuel Neck, Phil Henderson, DBRIU CA Correspondence (Jacobs), Grahame Ritchie, Graham Cash, Tom Penrose, Boyd Moore, Mick Hook, Krystyna Kuhnel, Tony Summerfeldt, Brendyn Rheinberger, Bridget Burton

Hi Katie, Please find attached initial comments regarding the submitted procedure for demolition and removal of the existing Deception Bay Road Bridge.

Appendix B - Demex Demolition Management Plan_CA_review.pdf () , 4239-CMS-017 - Demolition of Existing Deception Road Overpass_CA_review.pdf ()

29-Nov-2021 2:26 PM

Madeline Walkington

From: Madeline Walkington
Sent: Friday, 3 December 2021 11:14 AM
To: Katie ODonoghue
Subject: Demo meeting notes

Hi Katie,

Please below minutes/notes from today's Demolition meeting. Please compile in our meeting minutes template and send to the Client and all attendees:

- Change safety contact to Ben
- Add Neil TMR as contact
- Asbestos inspection required? Roadtek report should confirm no asbestos – maybe add in?
- Section 6.3.3: Add a bit of methodology - Demo process i.e. saw cut, working along each cut then onto next etc. Sead informed this info will be in SWMS (i.e. full work process). Wade comment – add removal of steel handrail (first), confirm removal of AC via excavator and what edge protection we'll have on the kerb. Lane closures below?
- Neil confirmed Fri/Saturday night approval looking okay. Update program to reflect this. How would demex program this through the week?
- Add in details for screens / how we'll push and demo the pier with protection
- Add demo of piles and survey pickup to ensure they don't clash with future works
- Retaining wall – demo and demex to remove the earth behind to batter back. Add in existing soil nail drawings
- Confirm with biodiversity stuff what's 'proposed' waiting on report and what is final/agreed to already
- Methodology for pulling out dirt behind abutments and how we avoid soil nails (survey to create model)
- Engineer to assess the use of moxy on the highway (loads, confirm no damage, get TMR approval?)
- Temporary works to be sent through for approval (HP approval process)
- Additional wording around asbestos – certified asbestos removers part of Demex team, marked out area on site to take material if required etc
- Section 6.3.2: add in wording about protection screens
- Add into hazards/risks: protecting live adjacent traffic
- Add dust assessment requirements? Do we need to do this whilst demo? Cross reference to noise/vibration plan
- Add demex approved waste facilities once demex nominate

Thanks,



Madeline Walkington
Project Engineer
BMD Constructions

+61 4 0962 7796 | +61 409 627 796
Madeline.Walkington@bmd.com.au |
www.bmd.com.au
1 Sandpiper Ave Port of Brisbane Qld 4178
PO Box 197 Wynnum Qld 4178



The BMD Group acknowledges the Traditional Owners of the lands in which we operate and pay respect to Elders past, present and emerging.

Learn more about our [Reconciliation Action Plan](#).

Please consider the environment before printing this e-mail.

Agenda

Project Meeting – Existing Bridge Demolition

4239 Deception Bay Road

Attendees:

Name	Position	Company	Name	Position	Company
Katie O'Donoghue	SPE (Structure)	BMD	Anthony Parlato	SPE (Traffic)	BMD
Madeline Walkington	PE	BMD	Tom Penrose	Engineer	Jacobs
Sead Jukic	Supervisor	BMD	Stuart Reeves	Superintendent Representative	Jacobs
Dean Searle	Foreman	BMD	Grahame Cash	Inspector	Jacobs
Shawn Davis	Project Manager	BMD	Neil Randal	Project Manager	DTMR
Toby Schwennesen	Project Manager (Demo)	Demex			

Apologies:

Name	Position	Company	Name	Position	Company
Beth Burgess	Community	BMD			

Action / Note	Item Description	Whom	Due Date	Status
1.0	Introduction of Personnel			
2.0	Program / Construction			
2.1	Commence bridge demolition on the 22 nd March, pending traffic switch on the 21 th .	BMD		
2.2	Supplementary spec specifies hold point release for CMS approval prior to works commencing	Jacobs	21/03	
2.3	BMD Supervision and BMD Engineer to be present for all nightworks	Note		
2.4	Programmed based on works continuing through the weekend to avail of the longer working times on Friday and Saturday night	Note		
3.0	Traffic			
3.1	E-Stop 10mins maximum throughout the night cumulative - to be discussed further between NR and AP	Note		
3.2	Floating of all machines to take place under road closures	Demex		
3.3	Detours to be in place throughout the durations of the span demolitions	BMD		
3.4	All crews to clearly understand working times on the road and pack up time	BMD		

4.0	Permits, Approval and requirements			
4.1	BMD internal Permits (working at heights, hot works, permit to work)			
4.2	ITP's - Demolition of Structures			
4.3	SWMS - Demolition of Structure Sawcutting Risk Assessment			
4.4	Construction Method Statement (reviewed by BMD General Manager)	KO	15/03	
4.5	Traffic Guidance Schemes Currently going through TMCLG CRU to be sent the current traffic counts	AP	15/03	
4.6	BMD permit to work at heights – to be issued	SJ	21/03	
4.7	BMD need police permits for approved TGS for Bruce highway shutdowns / detours	AP	15/03	
5.0	Demolition Methodology			
5.1	Discussed the details of the sawcut layout, further locations drawing to be provided by Demex	TS	15/03	
5.2	If under e-stop is there any potential for slurry to fall down - to be investigated further	KO	15/03	
5.3	Hour by Hour Program of Works Go / No Go to be included in the program to ensure call is to be made to ensure we get off the road on time. Police / CRU allowance	KO	15/03	
5.4	Risk assessment to be submitted for mitigation measures to ensure that the excavators leave the road and traffic is not affected.	TS	15/03	
5.5	Sequencing of demolition	TS		Complete
5.6	Removal of barriers for access During the lane closure	BMD Uplift		
5.7	Viewing platform to be set up for people to coming in to view installation.			
5.8	DTMR to confirm all outside parties coming to site to view demolition	NR	21/03	
6.0	RPEQ			
6.1	Ensure we have CV to send through and his RPEQ is in civil / structural	KO / TS	15/03	

Action / Note	Item Description	Whom	Due Date	Status
7.0	Design			
	Nil			
8.0	Chain of Responsibility			
8.1	Securing demolition area and perimeter	Demex		
8.2	Remove temporary barriers	Uplift		
8.3	Certification of stability of remaining structure	Demex		
9	Community			
9.1	Earplugs have been received and with Beth			
9.2	Timelapse in place			
	Other			