

Transmission Gully Project

Monthly Report to WGP

August 2018

TG-CPBH-RPT-ALL-GE-9177 Rev 00



CPB HEB
Joint Venture





RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

Contents

Executive Summary	4
Safety and Health	6
Construction	10
Environment	17
Communications / Stakeholder	20
Resources	22
Commercial	23
Quality	26
Appendix A: Media Monitor	30
Appendix B: Progress Reporting – Design	41
Appendix C: CPBHJB JV Top Risks and Opportunities	42
Appendix D: Overall Staging Plan	46
Appendix E: TG Notice Registers	47
Appendix F: Procurement Status	48
Appendix G: Reconciliation of Payment Claims and Invoices to Date	49
Appendix H: Monthly Progress Claim Graph	50
Appendix I: Revenue Flow Graph / Table	51
Appendix J: Cash Received	52
Appendix K: Programme Dashboard	53
Appendix L: Non Conformance Reports	54
Appendix M: Construction Programme – Key Milestones	55
Appendix N: Photos	56

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



Executive Summary

Over 4,686,868 million man hours completed on the Project to date. There were no recordable construction incidents during the month of August. s 9(2)(b)(ii)

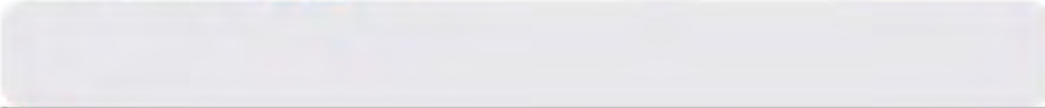
[Redacted content]

Key Achievements:

- International Erosion Control Association Award for Environmental Excellence for the Australasian region for the Te Puka and Horokiri stream diversion works.
- Three project team members were finalists this year taking out two awards and one highly commended at the 2018 national Association of Women in Construction Excellence Awards.
- s 9(2)(b)(ii)
- Completed removal of Coast Rd pre-load
- Te Puka Section 5 (high) handover completed.
- Horokiri Section 2 livened.
- Bridge 14 Super T beams landed.
- Bridge 20 foundation pour 9 completed pier 1 and column pours 2 and 3 completed pier 2.
- Bridge 20 Superstructure: launch nose is on site and being assembled.
- Bridge 16 MSE wall is underway
- Linden Stage 2 traffic switch remains forecast for September 2018.

s 9(2)(b)(ii)

[Redacted content]



s 9(2)(b)(ii)



Justin Redelinghuys
Project Director, D&C – Transmission Gully
CPB HEB Joint Venture

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



Safety and Health

Overview

- 82 project inductions conducted during August
- s 9(2)(b)(ii)
- 1 Constructsafe assessment undertaken in August.
- Project Safety Blitz undertaken involving senior Project personnel, WGP, SIR, DJV and NZTA.
- Lessons Learnt session undertaken regarding Temporary Traffic Management events at Linden.

s 9(2)(b)(ii)

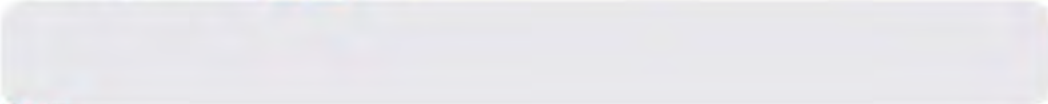
Project Hours

Project Hours @ August 2018				
Area	Life Of Project	Last Month	This Month	12MR*
TG Project Total**	4,686,868	139,053	160,592	2,004,091

** Excludes Early Works Hours

*12MR = 12 Month Rolling Total

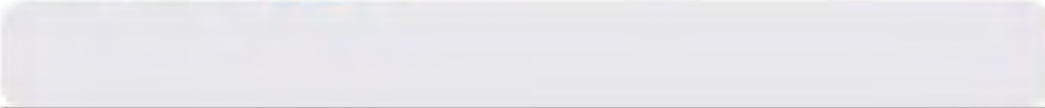
s 9(2)(b)(ii)



s 9(2)(b)(ii)



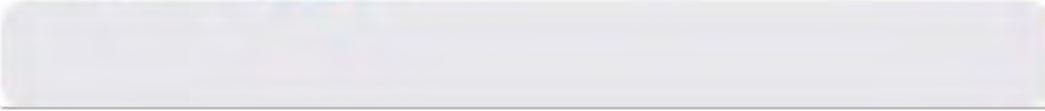
RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



s 9(2)(b)(ii)



RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



s 9(2)(b)(ii)



RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



Construction

Overview

Construction progress was ahead of that planned for the winter earthworks period with s 9(2)(b)(ii)

In Zone 1, Coast Road preload removal has been completed s 9(2)(b)(ii)

In Zone 2, delivery of Bridge 4 Super T Beams will commence early September. Bridge 8 stream diversion works are ongoing with riprap install with a planned livening end of September.

s 9(2)(b)(ii)

Bridge 18A has also commenced in the month with the first wall pour expected mid-September.

s 9(2)(b)(ii)

At Bridge 20, foundation Pour 9 has been completed at Pier 1. Pour 10 is scheduled for early September. At Pier 2, column pours 2, 3 and 4 have been completed with cycle times showing considerable improvement. Pour 4 was completed in 9 days which is in line with program requirements. The Launch Nose has been delivered to site and assembly is now underway.

Zone 1

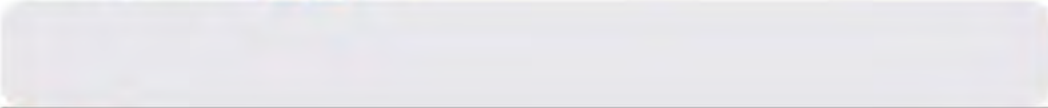
Achievements

- Sub base and AC complete for stage 3 switch.
- Preload removal of batter between coast road and main embankment complete.
- All drainage lines under coast road complete (only MCK1350 headwalls remain).
- Cut 5B crestal cut 75% complete to first bench.
- Te Puka Section 4&5: Last section of earthworks handed over to subcontractor.

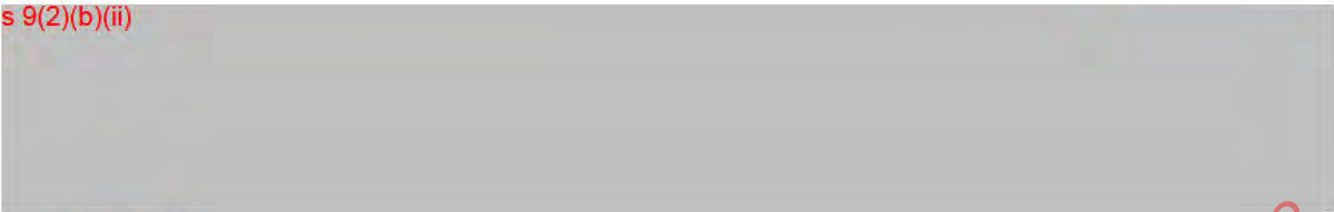
Upcoming Milestones

- Lateral traffic switch (stage 3) at gate 2 in mid-September
- Coast Rd subsoil and sub-base construction to be complete in September.
- Start Bridge 3 stream diversion.
- Complete armour rock Te Puka Section 4/5 by end September.
- Liven Horokiri section 2.

Challenges and Mitigation



s 9(2)(b)(ii)



Zone 2

Achievements

s 9(2)(b)(ii)



- BR08 Foundations for MSE walls is completed and the stream diversion works is on-going.
- SH58 Longitudinal drainage is 22% completed with the Western roundabout (K-Lines) due for completion by mid-September.

s 9(2)(b)(ii)



- Fill 30 (1:1 fill) terracing has commenced. The foundation is now ready for the 1:1 wall to start. This will now become a priority in September.

s 9(2)(b)(ii)



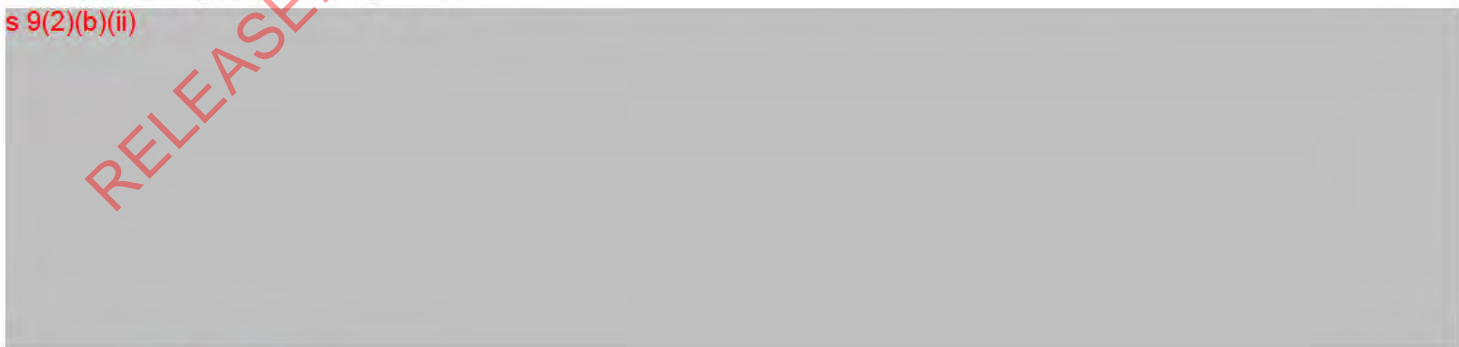
- Transverse culvert installation has commenced at Fill 35.02 which has to be in before the watermain relocation.
- Warner's are due to start the watermain relocation at Fill 35.02 on 10th of September.

Upcoming Milestones

- Completion of Major Headwall 13290 – November
- Completion of Major Headwall 21310 – end of September
- SH58 Foundation Subgrade completion – September
- Fill 35.02 (BR19) Bulk Water main Relocation – due before November

Challenges and Mitigations

s 9(2)(b)(ii)



Zone 3

Achievements / Milestones



- Bridge 27 – Abutment A RSE Embankment construction well above foundation level. Abutment B RSE – 75% of foundation drainage blanket complete. Southern end now progressed above ground level.
- CLR2 Widening Works at Bridge 27 – Asphalt works complete
- RW7 and 9 now underway.
- N/1 drainage line commenced.
- Processing of Cut 42 material for RSE / MSE Embankments – ongoing. Removal of laydown area at F43 complete to allow drainage to recommence there next month.
- Stabilisation of C42 progressing well. Currently on bench 8 of 10.
- C45 Asphalt works commenced by pavements team.
- C45 swale cut.
- Handover of all areas south of Bridge 26 to pavements team complete aside from CH75 to CH40
- Bridge 25 – Abutment A RSE abutment beam area handed over to structures team. MSE abutment A wall complete. Abutment B works continuing.

Upcoming Milestones

- Completion of works associated with stage 2 traffic switch – Late September
- Commencement of F43 drainage.
- Recommencement of bulk earthworks to F43
- Completion of N1 drainage at Kenepuru Drive

Challenges & Mitigation Strategies

s 9(2)(b)(ii)

Structures

Achievements

- Bridge 4: We have completed the construction of Abutment B.
- Bridge 11: The remedial work is completed and we have progressed with the roof construction.
- Bridge 14: All the bridge beams have been installed.
- Bridge 20:
 - Pier 2 – Completed 4 of the 10 column pours. Pour 5 is scheduled for the 12th September 2018.



- Pier 1 – Completed 10 of the 11 foundation concrete pours. The last pour is scheduled for the end of the month.
- Launch Yard – started with the assembly of the launch nose.

Upcoming Milestones

- Bridge 4: Beam placement.
- Bridge 11: Complete the first roof concrete pour.
- Bridge 13: Complete the first bridge deck concrete pour.
- Bridge 14: Complete the first bridge deck concrete pour.
- Bridge 14A – Complete the construction of Abutment A.
- Bridge 18A: Complete the first two wall concrete pours.
- Bridge 20:
 - Pier 1 – Complete foundation concrete pour number 11.
 - Pier 2 – Complete the fifth column concrete pour.
 - Complete the installation of the launch nose.

Challenges

s 9(2)(b)(ii)

Utilities and ITS

Achievements

- ITS integration workshops continue. Two workshops held in August.
- Chorus relocation progressing (SH58)
- Wellington Water has approved the welding procedures for Warner Construction. They will now be able to undertake the bulk water pipe installation at BR19 and will be commencing in the first week of September.

Milestones

- Bridge 19 permanent water relocation – September – November
- Te Marua bulk water relocation – August – October

Challenges and Mitigations

s 9(2)(b)(ii)



s 9(2)(b)(ii)

Project Wide Works

Achievements

- All Keystone Block MSE walls 40% complete across the Project. Works currently in progress on Bridge 25B, RW 9 and RW2.
- REL walls 42.5% complete across the Project with works currently underway on Bridges 2B, 14A, and 15. Bridge 4 and 2A now 100% complete.
- Reinforced Earth Ltd have continued fabrication of panels for Bridge 19 panels (93% complete).
- IFC Design for BR3, BR4, and BR14A
- ITS Duct, lighting conduits and chambers installation at Linden for Phase 2 traffic switch 97% complete
- Landscaping mitigation planting continued in Te Puka, Horokiri and Pauatahanui catchments. Planting commenced in Cannons creek catchment Planting 9% complete across the project. Geosock installation now 22% complete across the project and ongoing stabilisation with final hydro seeding treatments on cut and fill batters.



- Option now in place to carry out goat culling during weekdays, between day and night shift changes. Lizard habitat protection continued with trapping of rats, mice and stoats.
- The mitigation fencing program continued through August in the Te Puka and Horokiri catchments.

Upcoming Milestones

- Bridge 8; Bridge 19; Bridge 28; RW7; Mechanically Stabilised Earth (MSE) Walls are expected to commence in September. Complete Bridge 2B in early October.
- ITS Duct and Chambers Installation to areas E1, E2, C1, and SH58 interchange crossings. Approximately 3km of subgrade at level to allow these works to commence.
- Permanent Barrier and line marking installation as part of the Phase 2 traffic switch at Linden during September.
- Traffic Management:
 - Paekakariki Southbound lane shift (Gate 2).
 - At Linden there will be various night closures through September to allow for shoulder widening activities. This is preparation works for the Stage 2 Traffic Switch
 - Quality Demolition are programmed to commence demolition of the current southbound BR26 bridge structure in October following the traffic switch. This will require a road closure at Collins Ave, and a lane closure on the SH1. This is being planned to be undertaken on a 12 hour day shift (7am – 7pm) on a Saturday

Challenges and Mitigation

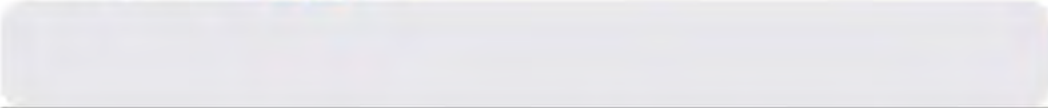
s 9(2)(b)(ii)

Pavements / Stage 2 Earthworks

Achievements

- Willowbank Quarry – Consent submitted.
- Stage 2 Application 5 – Consent granted.

Milestones



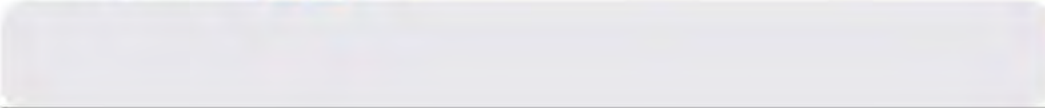
- Approval of Willowbank Quarry consent – targeting around 10 September.

Challenges and Mitigation

s 9(2)(b)(ii)

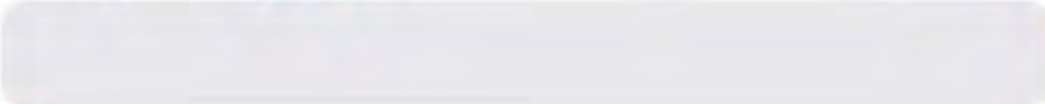


RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

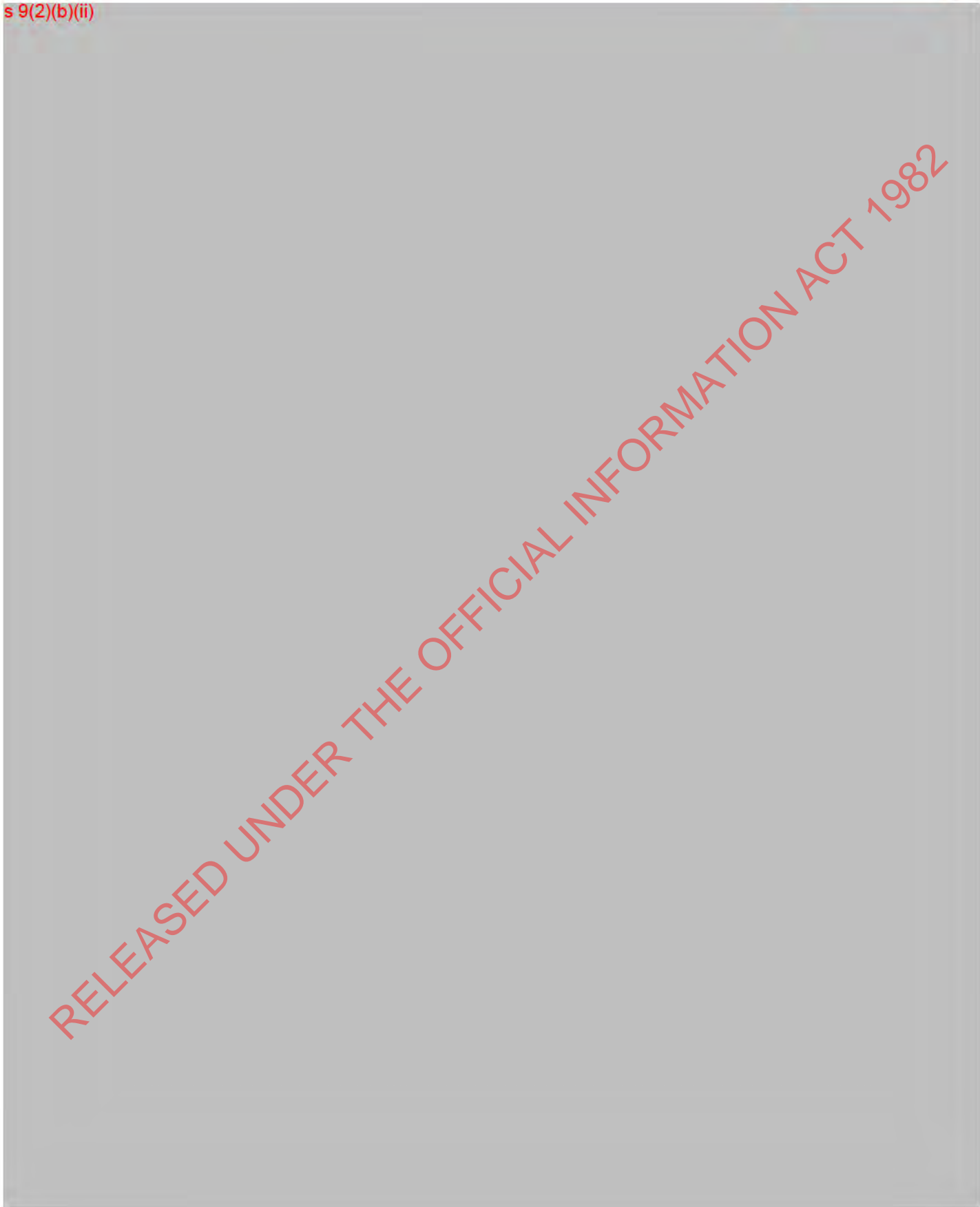


s 9(2)(b)(ii)

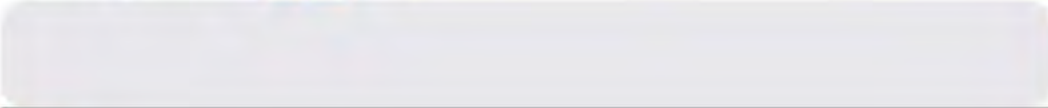
RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



s 9(2)(b)(ii)



RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



s 9(2)(b)(ii)



RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



Communications / Stakeholder

Community Engagement

We are working with NZTA on the communications for the Linden traffic switch which has been delayed until September. Draft plans for the SH1 McKays and SH58 traffic switches are under way and any lessons learnt from the execution of the Linden comms will be applied to these.

A meeting was held on 24 August for the community affected by the closure of Collins Avenue for the demolition of the old section of Bridge 26. s 9(2)(a)

Response was positive.

Further communication with the affected community will be carried out closer to the time of the demolition with a letter drop, VMS boards and Councillor Sparrow offering the use of the network of contacts such as social media channels he uses for communication to ensure a broad reach.

On 15 August we hosted a group of Year 13 school children from Tawa College as part of the IPENZ Week of Engineering and also attended the IPENZ Expo on Saturday 18 August. The Expo was very well attended with well over 5000 people coming though.



On 20 August, a presentation was delivered to the Marsden Probus Club as NZTA were unable to provide a speaker for this particular time.

Visitor Centre

The visitor centre is currently located in Dolly Varden Park beside SH1 in Mana. Content and imagery will be refreshed prior to the move to Civic Square in Wellington and consideration given to a PR to generate some media interest in the relocation. A list of appropriate events around the



Wellington Waterfront and Civic Square that we will attend whilst the container is in situ will be provided in the next report.

Communications

Construction Updates / Quarterly e-Newsletter

The Spring Newsletter was due for dispatch in the week commencing 3 September but is currently stalled in the approval process with WGP and NZTA.

The July Construction Update had over 70% of all recipients opening the newsletter and over 50% following a link within the newsletter.

Most popular link was the information about the Linden traffic switch.

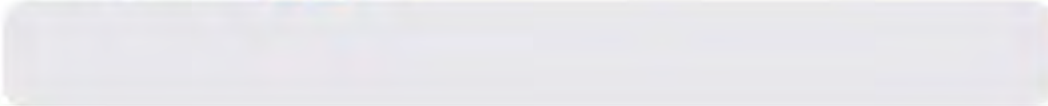
We have had 20 new subscribers since the July newsletter was published taking our total number of subscribers from 2536 to 2556.

Upcoming Media

PR around the NAWIC Award winners and the IECA Australasia Award.

Website

- We had 11906 page views in the month of August.
- 5,822 people found the website through a Google search
- 2,244 were referred via campaign monitor (people who received the electronic newsletter shared the email with others)

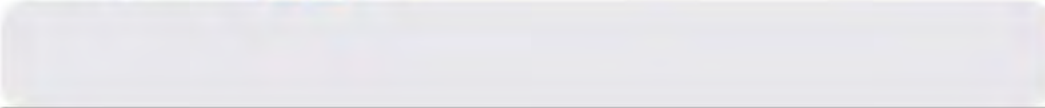


s 9(2)(b)(ii)

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

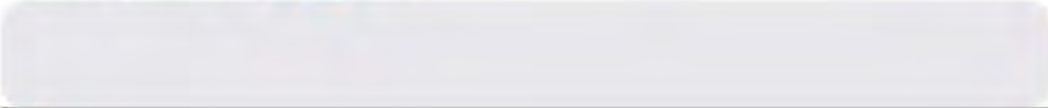
Staff Turnover

Rolling average for period July 2017 to August 2018 is 10.9%.



s 9(2)(b)(ii)

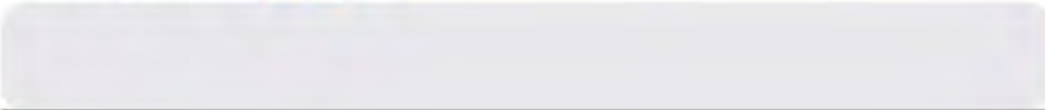
RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



s 9(2)(b)(ii)



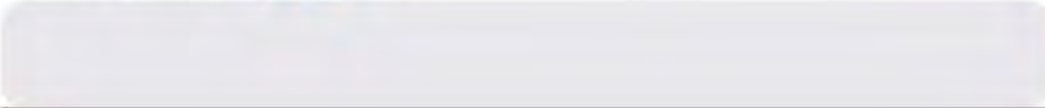
RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



s 9(2)(b)(ii)

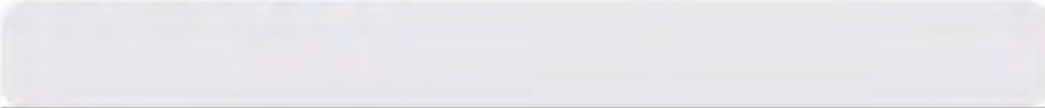


RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



s 9(2)(b)(ii)

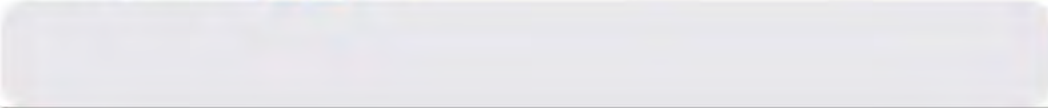
RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



s 9(2)(b)(ii)



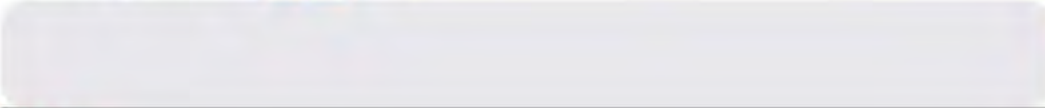
RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



s 9(2)(b)(ii)



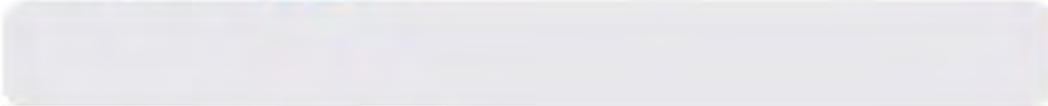
RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



s 9(2)(b)(ii)



RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



Appendix A: Media Monitor

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



News Media



[Disruption for motorists as *Transmission Gully* motorway connects to ...](#)

Stuff.co.nz-28/08/2018

Transmission Gully will be completed at some point in 2020, with NZTA dropping an initial April target due to the 2016 Kaikoura earthquake ...



[Peka Peka to Ōtaki expressway gets hush treatment](#)

Stuff.co.nz-11/08/2018

Work is already underway on the stretch of expressway which is due to open in 2020 - the same year as the \$850m *Transmission Gully* route ...



[Wellington highways snubbed as Government announces transport ...](#)

Stuff.co.nz-30/08/2018

Existing highway projects, such as the *Transmission Gully* motorway, will receive \$759m in maintenance and improvements. (File photo).

[Movement Needed on 'Let's Get Wellington Moving'](#)

Scoop.co.nz-31/08/2018

[View all](#)

[Wellington's *Transmission Gully* motorway project hits halfway mark](#)

Stuff.co.nz-10/06/2018

The countdown is on: *Transmission Gully* is halfway finished and set to open in two years' time. Work on the \$850 million, four-lane motorway ...

[The case for tolling *Transmission Gully* does not add up](#)

Stuff.co.nz-2/07/2018

The only justification in the past for tolling *Transmission Gully* was to bring the project forward. With the road now well under way, that can no ...

[Transmission Gully toll considered by government to offset cost rise](#)

Local Source-Radio New Zealand-1/07/2018



[View all](#)

[Wellington's *Transmission Gully* opens \(but still two years till it opens\)](#)

Stuff.co.nz-2/06/2018

Transmission Gully road works, looking from Pauatahanui south towards Tawa, in December taken by Leo Cooney from Manawatu Aviation ...

[Government considers tolling new *Transmission Gully* motorway](#)

Newshub-1/07/2018

The Government is considering tolling the new *Transmission Gully* motorway north of Wellington, set to open in 2020. The four-lane ...

[Transmission Gully, not Revenue Gully](#)

Scoop.co.nz-1/07/2018

[View all](#)

[Transport Minister unveils \\$16 billion transport package](#)

Newstalk ZB-30/08/2018

... the Mt Messenger bypass, the Manawatu Gorge replacement, Wellington's *Transmission Gully*, and the Christchurch Southern Motorway.

[Government to invest \\$16.9 billion in transport over next three years](#)

Radio New Zealand-30/08/2018

[View all](#)

[A more resilient Wellington transport network is being built, city's ...](#)

TVNZ-29/08/2018

Mayor Lester said the *Transmission Gully* project would be completed in two years because Paekākāriki and the Paekākāriki Hills are "a real ...

Social Media

Like Page



[The Dominion Post](#)

28 August at 17:08 ·

The *Transmission Gully* motorway is poised to make its first big public appearance, bringing traffic disruption with it.

STUFF.CO.NZ

[Disruption for motorists as *Transmission Gully* motorway connects to SH1](#)

New motorway poised to make its first big public appearance, bringing traffic disruption with it.

[6 Comments](#)



[15 Shares](#)

4444

 Belinda Mackenzie-Dodds

[Like](#)

[Comment](#)

[Share](#)

[Russ Potts](#) *to* [Porirua Views](#)

14 August at 22:14 ·

Transmission Gully road heading up and away from the current motorway
— in [Porirua, New Zealand](#).



[4 Comments](#)

[1 Share](#)

2828

[Like](#)

[Share](#)

Like Page

THE PRESS

[The Press - www.press.co.nz](#)

19 August at 18:08 ·

Ōtakaro's new boss has experience with major projects such as Britain's Channel Tunnel, Wellington's Transmission Gully and Auckland's Waterview Tunnel.

STUFF.CO.NZ

Ōtā karo's new CEO John Bridgman – 'we're just here to build stuff'

The new person in charge of Christchurch's anchor projects worked on Britain's Channel Tunnel and Auckland's Waterview project.

[5 Comments](#)



88

 Belinda Mackenzie-Dodds

[Like](#)

[CommentShare](#)

[Moonie Browne](#)

29 August at 17:21 ·

HEB Precast in Te Puke are making Super T sections for this bridge project

STUFF.CO.NZ

Animation video shows how Transmission Gully's Cannons Creek bridge will be constructed

See how the Cannons Creek bridge will be shunted into place for Wellington highway project.

[3 Comments](#)

44

[Like](#)

[CommentShare](#)

Like Page

[Ross Leggett - Porirua City Councillor](#)

5 August ·

Check out this great chopper flight today over Transmission Gully from Battle Hill looking north. Amazing progress with two years to go until it opens. Thanks Julene Hope for supplying it.



RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



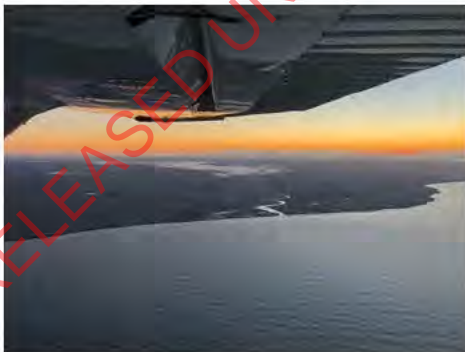
[Peter Galuszka](#)

20 August at 17:56 ·

Hawera fly in 19/08/2018.

3 planes from the Wellington Aeroclub flew up to Hawera on Sunday. We all departed Wellington just after 6:00 am. I was in CEO, Cessna 172 SP along with Tony Lloyd, and Andrew Sims (our club CFI). The flight up was brilliant. There was a bank of lowish cloud just north of Levin, but otherwise clear skies. In one photo you can see Mt Ruapehu with the sunrise behind it. It was great to catch up with Rochelle Flemming. For those who never met Rochelle, ...

[See more](#)



RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



[NZ Transport Agency - Wellington](#)

13 August at 18:29

SH1 PORIRUA TO TAWA – TEMPORARY SOUTHBOUND LAYOUT – 5:35PM FRI 17 AUGUST
UPDATE

There will be another change to the road layout overnight tonight, due to pavement improvements. A southbound lane closure will be in place from 7pm, reducing the southbound direction to a single lane. All southbound lanes will be open by 5:30am. Please be careful when driving through the worksite and follow the signed directions.

[...See more](#)

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



PropertyScouts Greater Wellington

20 August at 21:34 ·

Love this clip on the halfway stage in the development of 'Transmission Gully' - this is going to have a huge impact on Traffic flow both in and out of the Capital and will make living in Greater Wellington a fantastic option. For people seeking to buy Property as an investment, Porirua City as well as the Kapiti Coast are great options. Contact us if you need help with your investment.

<https://www.stuff.co.nz/.../wellington-regions-transmission-g...>

STUFF.CO.NZ

Wellington's Transmission Gully motorway project hits halfway mark

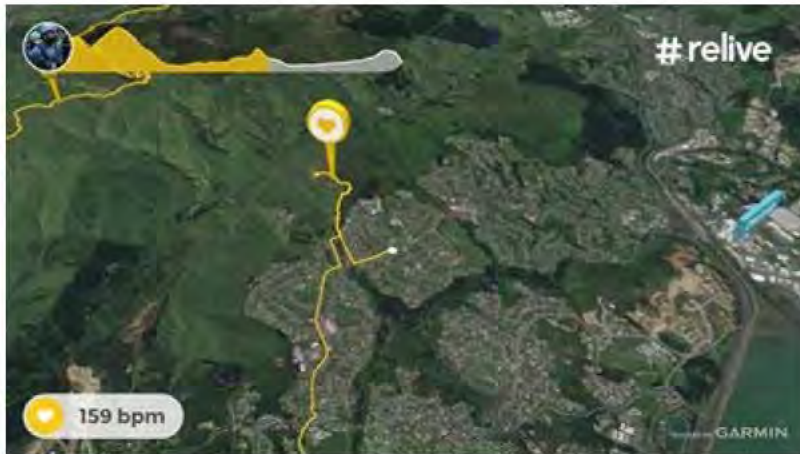
Wellington's new \$850m motorway heading in the right direction, and at a good speed.

Conon Ford

19 August at 22:13 ·

Someone stuck a great big Transmission Gully in my way... So had to around the 'long way'. See if you can spot where I may have said a naughty word or three...

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



Play

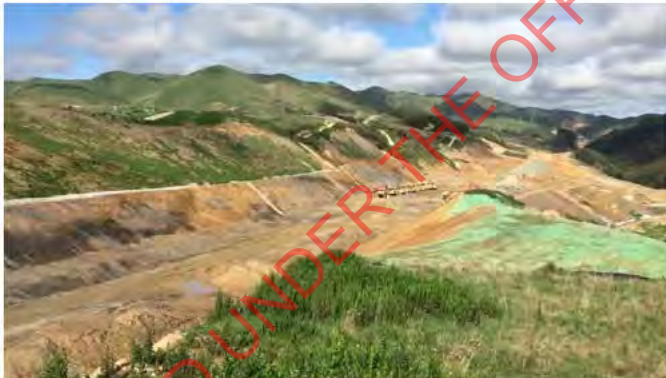
Additional visual settings

Click to enlarge

[Anita Baker - Porirua Northern Ward Councillor](#)

1 September at 15:56 ·

Great to see progress on the Porirua link roads to Transmission Gully. These roads will connect at Whitby and Waitangirua.



[Beach FM 106.3](#)

28 August at 12:12 ·

Transmission Gully is starting to look impressive. This driving south from Mackays Crossing towards the Wainui Saddle and then the last ones are when heading back towards Paekakariki

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



[Building Blocks](#)

31 August at 14:38 ·

“The superstructure consists of 13 precast pre-stressed Super-T beams, each 1525 mm deep and weighing 64 tonnes, with an in-situ reinforced concrete deck which will be constructed on a 6% cross fall, and is fully integral with the abutments. The overall deck width to the outside face of the barriers is 26 m and the beams have been placed using a 400 tonne crawler crane. Construction has been progressing well and we are on track to complete Bridge 13 in November.”

<http://www.buildingblocks.net.nz/major-milestones-for-tran.../>

CONSTRUCTIONNEWS.CO.NZ

Major milestones for Transmission Gully – By Iain MacIntyre

Bulk earthworks progressed well across the entire route over summer, with the weather and commitment of the entire project team playing key roles



[Secret Christchurch](#)

1 September at 12:41 ·

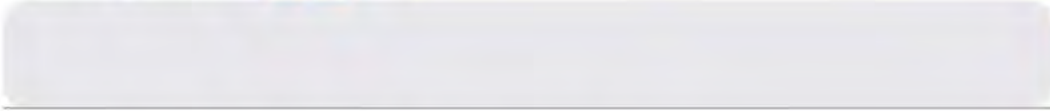
New Zealand announces record transport investment programme New Zealand announces record transport investment programme ... The NLTP comprises NZ\$12.9bn from the National Land Transport Fund, generated ... replacement, Transmission Gully and the Christchurch Southern Motorway. <https://www.google.com/.../0694301125287.../13035584054959758045>

WWW.GOOGLE.COM

Me nd Sarge in transmission gully.

Ribbonwood, back of Ranui heights with the aardvark boys nd the cuzz [Mutz Williams](#)

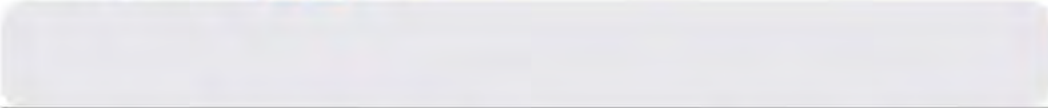




Appendix B: Progress Reporting – Design

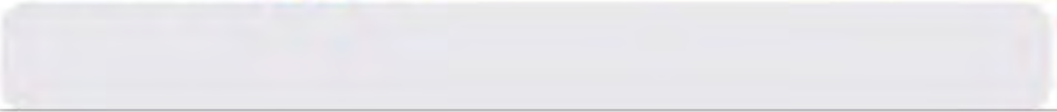
RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



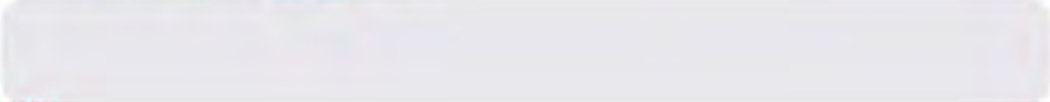
Appendix C: CPBHEB JV Top Risks and Opportunities

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

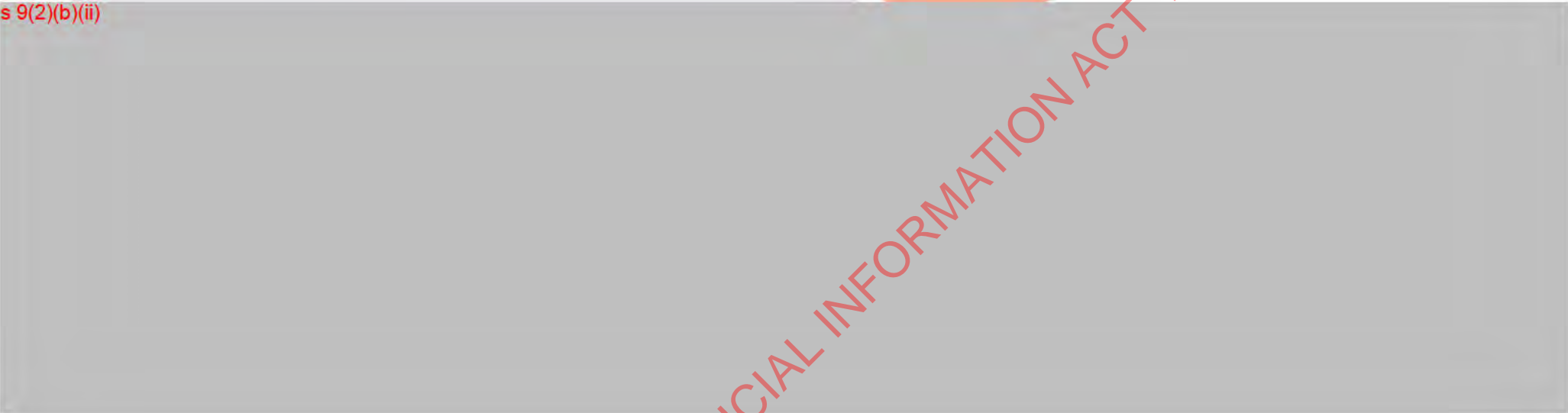


s 9(2)(b)(ii)

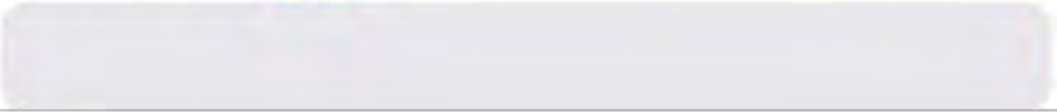
RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



s 9(2)(b)(ii)



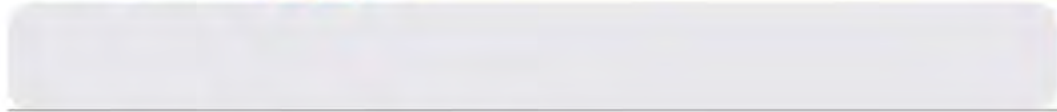
RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



s 9(2)(b)(ii)



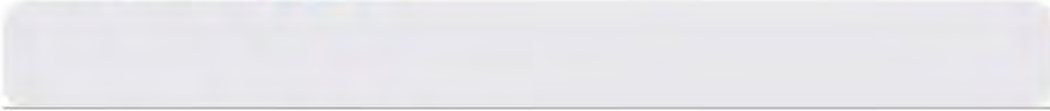
RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



Appendix D: Overall Staging Plan

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



Appendix E: TG Notice Registers

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

s 9(2)(b)(ii)

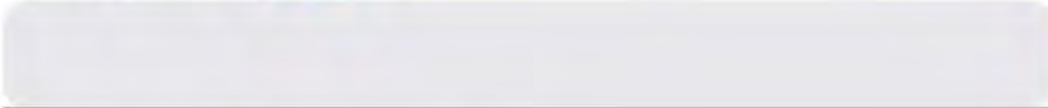
RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

s 9(2)(b)(ii)

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

s 9(2)(b)(ii)

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



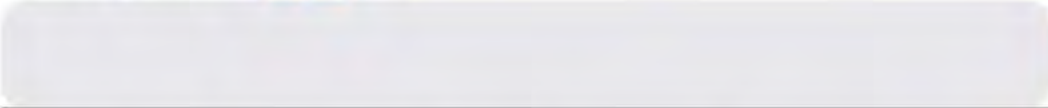
Appendix F: Procurement Status

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

s 9(2)(b)(ii)

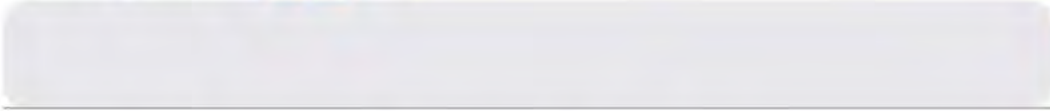
RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



Appendix G: Reconciliation of Payment Claims and Invoices to Date

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

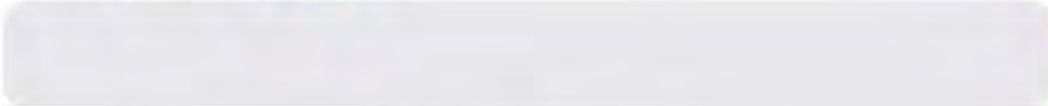


Appendix H: Monthly Progress Claim Graph

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

s 9(2)(b)(ii)

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



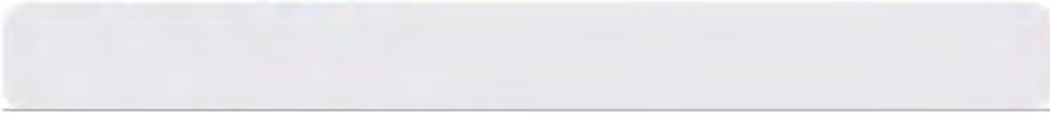
Appendix I: Revenue Flow Graph / Table

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

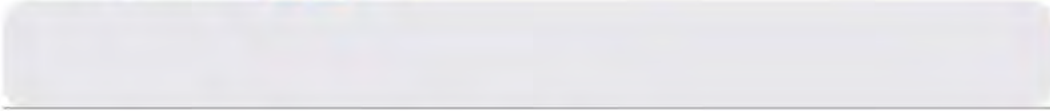


Appendix J: Cash Received

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



Appendix K: Programme Dashboard

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

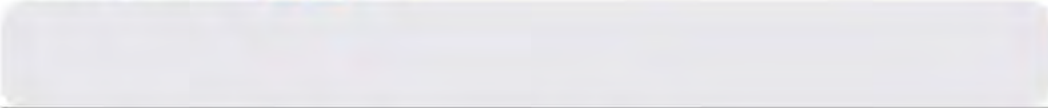
RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

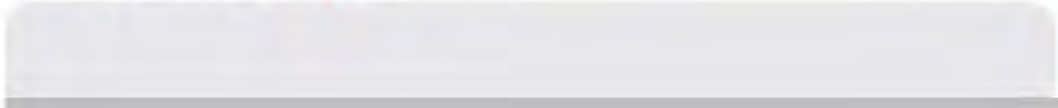
RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



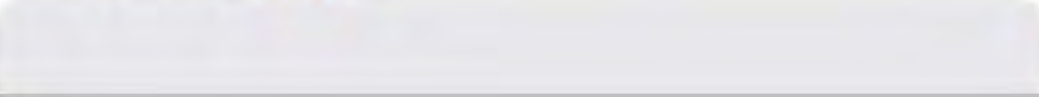
Appendix L: Non Conformance Reports

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



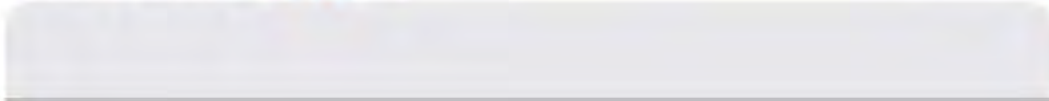
s 9(2)(b)(ii)

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



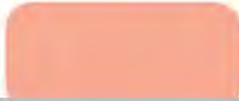
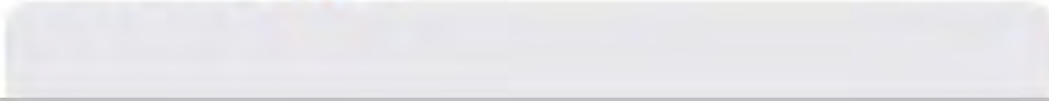
s 9(2)(b)(ii)

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



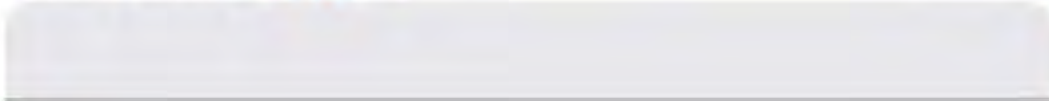
s 9(2)(b)(ii)

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



s 9(2)(b)(ii)

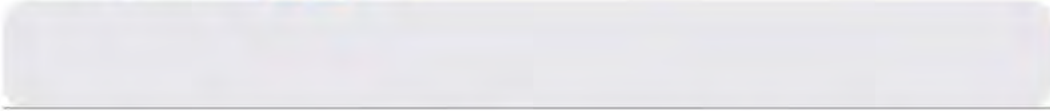
RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



s 9(2)(b)(ii)



RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



Appendix M: Construction Programme – Key Milestones

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



Appendix N: Photos

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

Zone 1



Photo Above: B1 batter landscaping



Photo Above: Cut chute at Wainui Saddle

Zone 2



Photo Above: Cut 8 Bench Drain



Photo Above: 37b First Pour



Photo Above: 14455 Outlet – Slab poured – walls reinforcement fixing



Photo Above: 15815 Muck Out



Photo Above: 16870 Muck Out



Photos Above: 21310 Inlet – Slab ready to be poured.

Monthly Report to WGP August 2018



Photos Above: C41 Swale



Photo Above: Cut 23 Swale Anchors



Photo Above: CW6 pour ongoing



Photo Above: F37C SP and swales



Photo Above: Fill 6 Stream Diversion



Photo Above: Foundation Treatment beside SH58

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



Photo Above: Pauatahanui Stream Diversion – Bridge 14 in background



Photo Above: SH58 East Roundabout

Zone 3



Photo Above: Cut 42 processing material to send to the RSE/MSE Walls



Photo Above: Bridge 25 and temporary widening



Photo Above: Bridge 25 and temporary widening



Photo Above: Bridge 27A access around bridge 27 abutment A

Structures



Photo Above: Bridge 14 Beam Placement



Photo Above: Bridge 18A Walls



Photo Above: Bridge 20 pier 2 column



Photo Above: Bridge 4 Abutments

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



Photo Above: Bridge 11 Roof



Photo Above: Bridge 13 Deck

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982



Photo Above: Bridge 14 Beam Complete



Photo Above: Bridge 20 Launch Nose



Photo Above: Bridge 20 Launch Nose



Photo Above: Bridge 20 Pier 2 Placing Column Reo

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982

RELEASED UNDER THE OFFICIAL INFORMATION ACT 1982