

**ASSETS/INFRASTRUCTURE  
COMMITTEE MEETING**

# ORDER PAPER

**Wednesday, 17 February 2021, 9.30am**

**Council Chamber, Rangitikei District Council**

**46 High Street, Marton**

Website: [www.rangitikei.govt.nz](http://www.rangitikei.govt.nz)

Email: [info@rangitikei.govt.nz](mailto:info@rangitikei.govt.nz)

Telephone: 06 327-0099

Facsimile: 06 327-6970

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**Chair** - Councillor Dave Wilson

**Deputy Chair** – Councillor Richard Lambert

**Membership**

Councillors Cath Ash, Nigel Belsham, Brian Carter, Fi Dalgety, Gill Duncan, Angus Gordon and Waru Panapa.

Ms Coral Raukawa-Manuel (Te Roopu Ahi Kaa representative).

His Worship the Mayor, Andy Watson.

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**Please Note:** Items in this agenda may be subject to amendments or withdrawal at the meeting. It is recommended therefore that items not be reported upon until after adoption by the Council. Reporters who do not attend the meeting are requested to seek confirmation of the agenda material or proceedings of the meeting from the Chief Executive prior to any media reports being filed.

*Making this place home.*



**RANGITIKEI**  
DISTRICT COUNCIL



# Rangitikei District Council

## Assets and Infrastructure Committee Meeting

Agenda – Wednesday, 17 February 2021 – 9:30 am

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The quorum for the Assets and Infrastructure Committee is 6.

Council's Standing Orders (adopted 31 October 2019) 11.2 provide: The quorum for Council committees and sub-committees is as for Council, i.e. half the number of members if the number of members (including vacancies) is even or a majority if the number of members is odd.

## **1 Welcome**

## **2 Council Prayer**

## **3 Public Forum**

## **4 Apologies/Leave of Absence**

## **5 Members' Conflict of Interest**

Members are reminded of their obligation to declare any conflicts of interest they might have in respect of items on this agenda.

## **6 Confirmation of Order of Business**

That, taking into account the explanation provided why the item is not on the meeting agenda and why the discussion of the item cannot be delayed until a subsequent meeting, ..... be dealt with as a late item at this meeting.

## **7 Confirmation of Minutes**

The minutes of the Assets/Infrastructure Committee meeting from 10 December 2020 are attached.

### **Recommendation:**

That the Minutes of the 'Assets/Infrastructure Committee' meeting held on 10 December 2020 [as amended/without amendment] be taken as read and verified as an accurate and correct record of the meeting.

## **8 Chair's Report**

A report is attached.

### **Recommendation:**

That the 'Chair's Report' to the 17 February 2021 Assets/Infrastructure Committee meeting be received.

## **9 Follow-up Items from Previous Meetings**

A report is attached.

### **Recommendation:**

That the report 'Follow-up Items from Previous Meetings' to the 17 February 2021 Assets/Infrastructure Committee meeting be received.

## **10 Infrastructure Group Report - February 2021**

A report is attached.

### **Recommendation:**

That the report 'Infrastructure Group Report - February 2021' to the 17 February 2021 Assets/Infrastructure Committee meeting be received.

## **11 Kuripapango Boundary Bridge Strengthening, Hastings District Council Project, Taihape - Napier Road**

A report is attached.

### **Recommendation:**

That the report 'Kuripapango Boundary Bridge Strengthening, Hastings District Council Project, Taihape - Napier Road' to the Asset and Infrastructure Committee meeting of 17 February 2021 be received.

## **12 Late Items**

As agreed in Item 6.

## **13 Future Items for Agenda**

## **14 Next Meeting**

Wednesday, 8 April 2021 - 9:30 am

## **15 Meeting Closed**

# Attachment 1



# Rangitikei District Council

## Assets and Infrastructure Committee Meeting

Minutes – Thursday, 10 December 2020 – 9:30 am

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**Present:** Cr Dave Wilson (Chair)  
Cr Cath Ash  
Cr Brian Carter  
Cr Fiona Dalgety  
Cr Angus Gordon  
Cr Richard Lambert  
Ms Coral Raukawa-Manuel  
His Worship the Mayor, Andy Watson

**In attendance:** Mr Peter Beggs, Chief Executive  
Ms Dave Tombs, Group Manager – Finance and Business Support  
Mr Arno Benadie, Principal Advisor – Infrastructure

**Apologies:** Cr Waru Panapa  
Cr Gill Duncan  
Cr Nigel Belsham

## **1 Welcome**

Cr Wilson welcomed everyone to the meeting, which commenced at 9.33am.

## **2 Council Prayer**

Cr Wilson read the prayer.

## **3 Public Forum**

There was no public forum.

## **4 Apologies/Leave of Absence**

Apologies from Crs Waru Panapa, Gill Duncan and Nigel Belsham were received.

Cr Gordon/Cr Ash. Carried

## **5 Members' conflict of interest**

Members are reminded of their obligation to declare any conflicts of interest they might have in respect of items on this agenda.

## **6 Confirmation of order of business**

There was no change to the order of business.

## **7 Confirmation of minutes**

**Resolved minute number** 20/AIN/073

That the Minutes of the 'Assets/Infrastructure Committee' meeting held on 12 November 2020, without amendment, be taken as read and verified as an accurate and correct record of the meeting.

HWTM/Cr Ash. Carried

## **8 Chair's Report**

Cr Wilson spoke to his Chair's report and noted his comment in relation to infrastructure projects. Other Councillors agreed – that there was a significant amount of work being undertaken in 2021 and beyond. They advised it will be important that Council gets the right rate balance in the Long Term Plan.

**Resolved minute number** 20/AIN/074



That the 'Chair's Report' to the 10 December 2020 Assets/Infrastructure Committee meeting be received.

Cr Wilson/Cr Gordon. Carried

## **9 Follow-up Items from Previous Meetings**

The follow-up action items were discussed. In relation to Wilson Park it was agreed this would be updated and His Worship the Mayor and Cr Wilson undertook to meet with the Wilson Park user group.

**Resolved minute number**                      **20/AIN/075**

That the report 'Follow-up Items from Previous Meetings' to the 10 December 2020 Assets/Infrastructure Committee meeting be received.

Cr Lambert/Cr Dalgety. Carried

## **10 Infrastructure Group Report November 2020**

Mr Benadie took questions on his report.

In working through the report on page 34 it was noted that instead of using the words "theoretical adverse effects on aquatic life" it may have been better to say "potential adverse effects on aquatic life."

**Resolved minute number**                      **20/AIN/076**

That the "Infrastructure Group Report' for the period ending 31 October 2020 to the 10 December 2020 Assets/Infrastructure Committee meeting be received.

Cr Wilson/Cr Dalgety. Carried

## **11 Late Items**

There were no late items.

## **12 Future items for Agenda**

## **13 Next Meeting**

To be confirmed.

## **14 Meeting Closed**

The meeting closed at 10.43am.

**Confirmed/Chair:** \_\_\_\_\_

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

UNCONFIRMED

# Attachment 2

# Report

Subject: **Chair's Report**

To: Assets / Infrastructure Committee

From: Dave Wilson, Chair

Date: 11 February 2020

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Welcome all to our first A&I meeting for 2021.

The Infrastructure Group report in today's agenda is a good reminder and refresher to us all of the amount of current, ongoing projects, that Council continues to manage and the costs involved. The continued growth and demand for property in our district, both private and Industrial, is a clear signal that we must continue invest in our Infrastructure, now and into the future, both above and below ground. Our long-term plan will show councils commitment to meeting these demands for future growth with major Infrastructure upgrades planned Drinking Water, Waste Water and Town Center developments.

Whilst growth and demand are exciting, we can't lose sight of the need for careful planning and the need to have a clear understanding of the full costs associated as well as future rating impacts.

The report shows a number of non- compliances with some of our Waste Water Treatment Plants, which is of continued concern. Some of the factors associated with these non-compliances are outside of RDC control, however as Council we need to be assured that everything possible is being done to ensure compliance is met – there is no degree of non-compliance, you are either compliant or not. I raise this noting that Hunterville consent variation was submitted on 27<sup>th</sup> May 2019 and we remain non- compliant.

On a more positive note the New Marton play ground is racing ahead and appears to be well on track and is looking fantastic. As with the Marton Skate park development this show that groups with a clear vision, business plan and wider community support can work in conjunction with RDC to achieve great things for our community's.

## Recommendation

1. That the Chair's Report to the Assets / Infrastructure Committee be received.

# Attachment 3

# Report

Subject: **Follow-up Items from Previous Meetings**

To: Assets/Infrastructure Committee

From: Arno Benadie

Date: 11 February 2021

File: 3-CT-13-1

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## **1 Reason for Report**

- 1.1 On the list attached are items raised at previous Assets/Infrastructure Committee meetings that staff have followed up on. All items indicate who is responsible for follow up, and a brief status comment.

## **2 Decision Making Process**

- 2.1 Staff have assessed the requirements of the Local Government Act 2002 in relation to this item and have concluded that, as this report is for information only, the decision making provisions do not apply.

## **3 Recommendation**

That the report 'Follow-up Items from Previous Meetings' be received.

Arno Benadie  
Group Manager – Assets and Infrastructure

## Follow-up Actions from Assets / Infrastructure Meeting 10 December 2020

Follow-up Action:	Person Assigned:	Status Comment:
Mangarere Road work - had been done on this previously has it been damaged or was the work unsatisfactory?	Arno Benadie	The work done currently is an assessment of the existing problem and consideration for the best long term solution. Three years ago advanced warning signs for height restrictions was added to prevent further damage. Now physical work will be done during this current works programme.
Kuripapango Bridge: - Signal to NZTA that Council would like to have discussion about funding of this bridge	John Jones	NZTA budgets are set in 3 year blocks. We are now in the last half year of the 2018-21 National Land Transport Programme. NZTA will not allocate additional funds for this bridge.  RDC can however accommodate this work within existing budgets. Some reprioritisation of the Improvements Programme will be necessary but this is not problematic.
Report back on non-compliance for WT Plants. Report back as soon as possible – don't wait till next meeting	Arno Benadie	A new Water Safety Plan was submitted by 31 January 2021. We are requesting written confirmation from the Drinking Water Assessor that the new WSP is acceptable and will negate the possibility of a non-compliance for the 2020/21 reporting year.
Page 34 add date of when we have applied for consents	Arno Benadie	27 May 2019
Page 35 – organic food green waste instead of inorganic waste Can we get the percentage?	Arno Benadie	We do not measure or collect this data for solid waste collected in the district, but the average composition of domestic refuse contains a total of 50% organic waste. (40% kitchen and 10% green waste)
<i>Actions from previous meetings still to be finalised</i>		
That Elected Members have a workshop on the process of becoming a pre-qualified contractor for Council, to enable them to assist contractors with completing an application.	Carol Gordon Dave Tombs	Update: Workshop held with Elected Members in January [action now closed]
Wilson Park – drainage	HWTM Cr Wilson	Meeting to be organised with this group.

Follow-up Action:	Person Assigned:	Status Comment:
<p>As staff have been unable to provide a map of drainage this will be actioned as follows:</p> <ol style="list-style-type: none"> <li>1. Engagement as part of the LTP</li> <li>2. Meeting organised with HWTM, Cr Wilson to update this group</li> </ol>		



# Attachment 4



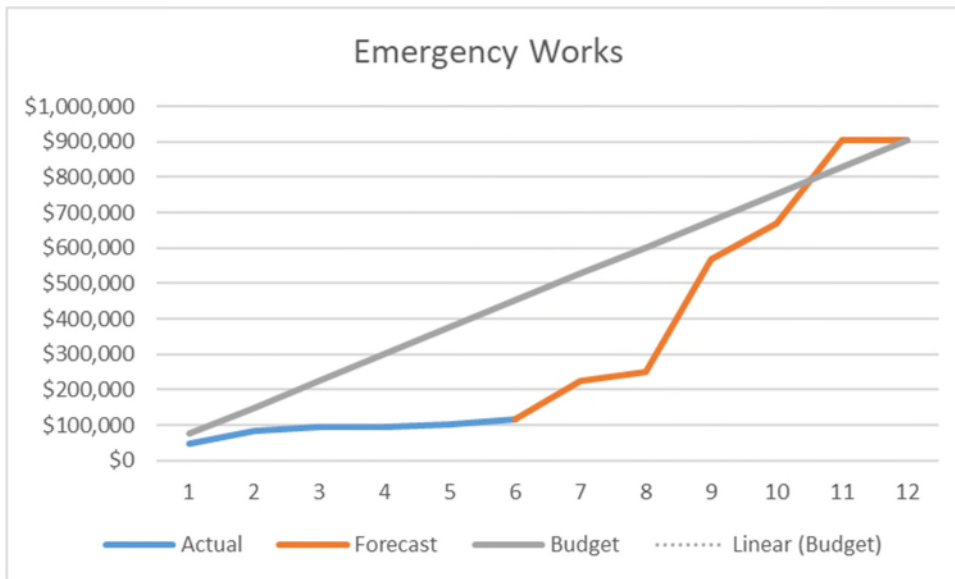
# **INFRASTRUCTURE GROUP REPORT**

**DECEMBER 2020/JANUARY 2021**

**(For the period 30 NOVEMBER 2020/31 DECEMBER 2020)**

## 1 ROADING

### 1.1 EMERGENCY WORKS



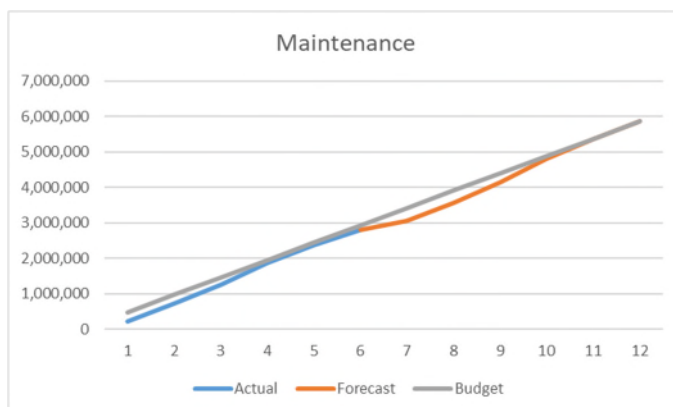
Event	Start	Completion Due	Comments
July-18, Turakina-3 south of Drysdale (Construction)	Feb 21	May 21	Draft conditions for the Resource Consent have been reviewed comments sent to HRC.
Apr-18, Turakina-2 north of Macleay's, dropout (Construction)	Jan 21	Apr 21	The consent was approved by HRC on 19th June 2020. Rock required for river protection has been stockpiled on site. Fill will come from Mangatipona Rd

## 1.2 MAINTENANCE

This work provides for the routine care of sealed pavements to maintain their structural integrity and serviceability.

The season's planning is ongoing.  
Stockpiling of chip has started.

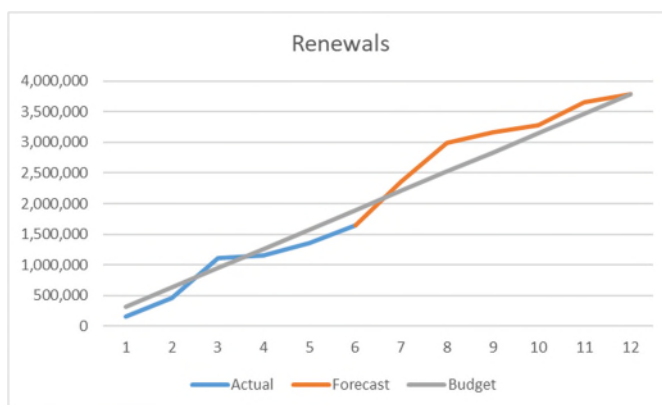
50km of reseals are programmed for this financial year. Works will commence in January 2021 and are expected to be complete by March 2021.



## 1.3 RENEWALS

This work provides for non-routine planned periodic renewal of sealed and unsealed road pavements, drainage, and structures.

Sealed Road Pavement Rehabilitation provides for the replacement of, or restoration of strength to, sealed pavements where other forms of maintenance and renewal are no longer economic.



### Rehabilitation:

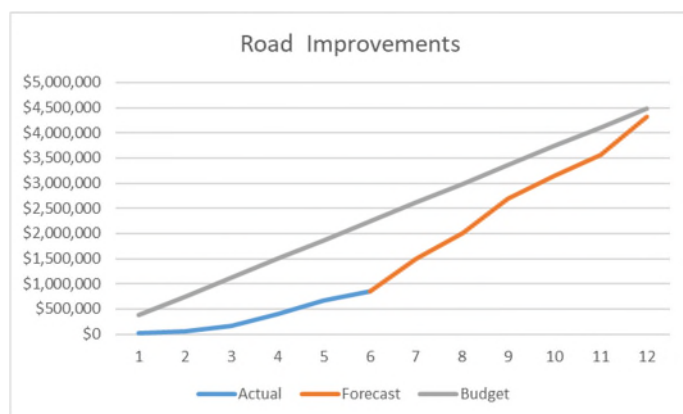
Location	Length (m)	Start Construction	Completion Due	Comments
Parewanui Rd	1700	July 20	Sept 20	Complete
Tutaenui Rd	240	Nov 20	Dec 20	Complete
Morris St (deferred to approx. 2024/25)				The rehabilitation of the road will be programmed once the renewal program for the 3 waters services has been finalized, to determine if the services should be replaced before the rehabilitation of the road starts.

#### Structural Component Replacement:

Road Name	Start	Finish	Comments
Turakina Valley Road 4- Colliers Bridge	Oct 20	Dec 20	The structural investigation is complete. The retaining walls do not require replacing, however they will be inspected annually.
Kaimatawi Road - Mcdonnell	Jan 21	Mar 21	Replace wing walls
Turakina Valley Road 3 – Culvert 106	Jan 21	Mar 21	Reinstate / protect downstream apron
Koeke Road- McCarthys	Nov 20	Mar 21	Replace Wing Wall
Aldworth Road - Aldworth No 3	Jan 21	Mar 21	Replace rusted Gabion Baskets
Mangarere Road - Mangarere	Oct 20	Mar 21	Protection/reinstatement of damage cable sheathing – Remedial works are being investigated.
Whangaehu Beach Road- Connors	Feb 21	Apr 21	Remedial works are being investigated.

#### 1.4 ROAD IMPROVEMENTS

This work category provides for improvements to or upgrading of existing roads within the existing or widened road reserve.



#### Low cost / Low Risk Projects:

Location	Start construction	Completion Due	Comments
Spooners Hill Road and Pukemapou Road – roadside obstacles.	Jul 20	Aug 20	Complete
Ratana Rd	Apr 21	May 21	Speed cushion x 2 near the village.
Pungatawa Rd. (RP6500-6840)	Nov 20	Mar 21	Geometric improvements – Earthworks are completed. Pavement work will start in February.

Location	Start construction	Completion Due	Comments
Ruahine / Cage Road	Mar 21	May 21	Geometric improvements being designed.
Neumans Line RP0862 – 1102	Nov 20	Dec 20	Complete
Ruanui Rd (RP 425-1500)	TBC	TBC	The road over this section is on DOC reserve and does not have a road corridor. DOC requires the road section to be legalised to correct the historical error to allow the Resource Consent process to proceed. The legalisation documents are with DOC for signing. Construction deferred to 21/22
Network resilience work	Mar 21	Jun 21	Draining slip zones
South Makirikiri School	Jan 21	Feb 21	Active signage investigation. Programmed for January.
Okirae Road bluffs	Feb 21	Jun 21	Complete geotech report
Jacobsens Bridge- Rock Rip Rap	Oct 21	Jun 21	Design and consenting
LED Upgrade	July 20	Feb 21	Complete

#### **Bridges:**

Bridge	Start	Completion Due	Comments
Bridge Capacity Assessments	Oct 20	Mar 21	Continuing with the programme.
Bridge Inspection Unit	10 Sep 20	16 Sep 20	The inspection of 15 bridges completed.
Kuripapango Bridge Strengthening to HN-HO (HMPV) capacity (50:50 with HDC).	Jan 21	Mar 21	A separate progress report to the Asset & Infrastructure Committee has been submitted to provide a more detailed update on the project.

#### **Mangaweka Bridge**

##### MoU for the ongoing management of the historic bridge

- Rangitikei and Manawatu District Councils and Mangaweka Heritage Inc. have negotiated a mutually agreed upon MoU for the ongoing management of the historic bridge.
- MDC approved the draft MoU for the old Mangaweka Bridge on 17 December 2020.
- A report has been provided to RDC requesting approval of the MoU (now complete)

Asbestos Water Main: Water main was identified as being asbestos cement (AC) which is in close proximity to Abutment A and at risk of damage. A new water main has been installed on a new alignment (away from Abutment A and the road alignment).

Schedule F Habitat: During the bat & lizard survey, some of the vegetation planned for removal was identified as being threatened and was not covered by our resource consent. A new consent has now been issued.

Bat & Lizard Clearance: Resource consent specifies Ecologist to carry out survey and seek approval from DOC for vegetation removal. Neither bats nor lizards were encountered.

Archaeological Clearance: Heritage NZ authority specifies Archaeologist supervision and approval to commence earthworks. Clearance to commence the earthworks has now been issued.

The following activities are planned for the coming month:

- Complete piling of Abutment A, Pier 1 and part of Pier 2,
- Commence wing wall precast panels,
- Complete structural steel shop drawings,
- Complete design updates to suit the contractor's preference for maximum pre-casting of reinforced concrete elements.

### **Taihape – Napier Road**

- The Draft Report is complete and a copy has been provided to the Mayor and the CE for information.
- The report was presented in December to Hastings DC and a representative of Waka Kotahi.
- The report will be presented to RDC in April 2021 and a representative of Waka Kotahi will be invited.
- In the interim the identified improvement programme has been included in the 2021-51 Programme Business Case for Waka Kotahi's consideration.

## **1.5 UNSUBSIDISED CONSTRUCTION**



The proposed programme for unsubsidised construction is:

- Sealing approx 250m of Mokai Road starting at RP3554, current end of seal at the bridge that had the bungy operation, to control the dust nuisance affecting 2 houses near the road.
- Trevelyan Street is a narrow urban unsealed road that is 100m in length. It provides access for 3 houses. Sealing this road will remove the dust nuisance and the need for grading in an urban area and the associated health and safety implications of operating large machinery in an urban environment.
- Edwards Street, Bulls, has 56 metres of unsealed pavement at the end of the road. The road serves 2 houses, 2 glasshouses and 2 sheds. Sealing and finishing the kerbs would complete this road section.
- The scope of work to upgrading Cobber Kain requires a whole of Council commitment. The upgrade would require designing the roading layout, confirming the 3 waters pipework is in good condition

and up to capacity, car parking for the Hall meets requirements, and allowing for the playground redevelopment. The work this year would cover the design for the site and confirm the budget required for construction in 2021-22. The work will be covered by the annual unsubsidized budget allocation dependent on Council approval.

- Hereford Heights Intersection construction. The following work is required:
  - Roothing reconstruction and reshaping, including kerb and channel and footpaths
  - Watermain will require some relaying on a new alignment to connect the subdivision pipework
  - Lower the gasmain
  - Lower telecoms cables
  - The position of the 225 mm dia stormwater requires locating before completing the pavement work
  - Three contractors with a regional base were invited to price the work. Tenders closed on 15<sup>th</sup> December 2020, however, no tenders were submitted. Contractors said there were a lot of tenders out for pricing and contractors had 6 months of forward work commitments on their books.
  - A quote from a fourth contractor has been received. The total quoted contract amount is less than \$250 000, and can be approved by the CEO once all documentation and procurement policy requirements are in place. Work is expected to start in March 2021.

## 1.6 HEALTH AND SAFETY

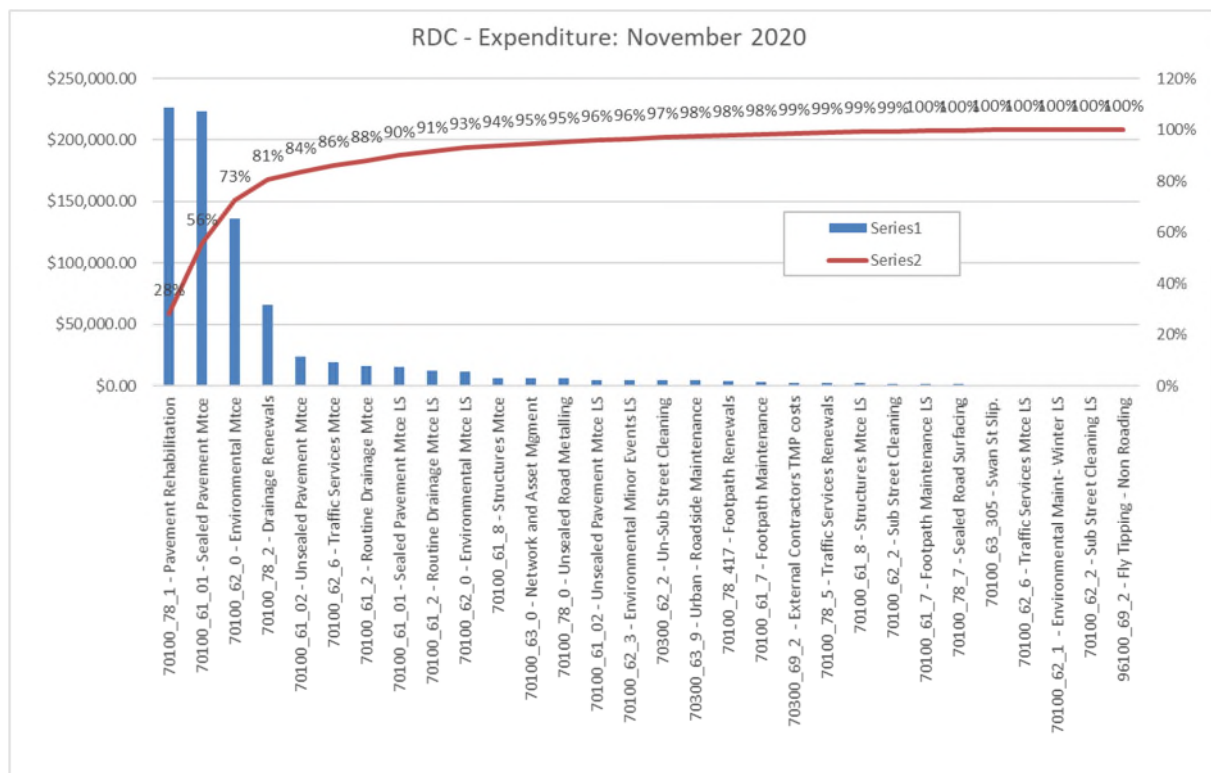
<div>  <b>RDC - ZERO HARM REPORTING</b>  </div>													
LEAD INDICATORS													
Type	Explanation	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Drug and Alcohol Tests	LEAD: Total number of drug and alcohol tests completed in the period for pre-	3	2	6	3	5	3						
Positive Drug and Alcohol Tests	The total number of positive Drug and Alcohol test results in the period	0	0	0	0	0	0						
Site H&S Conversations	The total number of site H&S Conversations completed in the period by Contractors or site	3	3	4	4	4	3						
Site Health and Safety Audits	The total number of site Health and Safety Audits completed in the period by the	8	4	4	5	6	3						
Safety Briefing	The total number of Safety Briefings completed in the month including pre-starts,	4	5	4	4	6	3						
Near Miss (Close call)	The total number of Near Misses submitted in the month by the site team	0	0	1	0	0	0						
Traffic Management Inspection	Total number of audits completed by the designated Site Traffic Manager Supervisor	0	0	0	0	0	0						
Sub Contractor Review	Number of Sub Contract Reviews completed by the main Contractor in the period	0	0	0	0	0	0						
Stop Work Action	The number of occasions when work is suspended proactively due to a member of the	0	0	0	0	0	0						
Positive Reinforcement	The number of occasions the site team have been congratulated of a proactive action or	1	0	0	0	2	0						
LAG INDICATORS													
Type	Explanation	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Fatal Injuries	Any incidents resulting the loss of life of a transport agency, contractor or Sub Contractor	0	0	0	0	0	0						
Notifiable Injuries	Any incident required under H&S Legislation to be reported to a Statutory Authority e.g.	0	0	0	0	0	0						
Lost Time Injuries	Any work related injury or illness certified by a Medical Practitioner and compensable under	0	0	0	0	0	0						
Medical Treatment Injuries	The Management and care of a patient to effect Medical Treatment or combat disease or	0	0	0	0	0	0						
First Aid Injuries	Treatment administered by and within the qualifications of a trained first aid attendant or	0	0	0	0	0	0						
Recordable Injuries	NO NOT COMPLETE	0	0	0	0	0	0						
Serious Environmental Incidents	Environmental controls absent or construction of a device is so poor that it is likely to or has	0	0	0	0	0	0						
Service Strikes	Contact with an above ground or buried service resulting in damage or potential damage to the	0	0	0	0	1	0						
Property Damage	Contact with third party property resulting in damage	0	0	0	0	0	0						

There was a cable strike on Tutaenui Rd AWPT site in November.

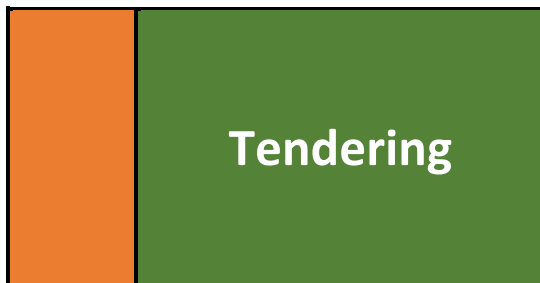
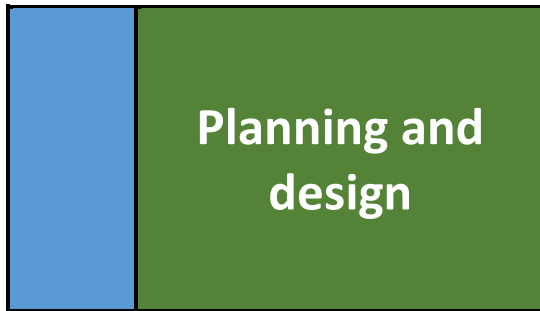


## 1.7 FINANCIAL TRACKING

Maintenance			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
141	Emergency works May 2018	\$467,790	\$49,104	\$1,905	\$84,129	\$84,844	\$85,884	\$97,412						
	Event July 13/14 2017	\$435,069	\$0	\$3,275	\$9,365	\$10,108	\$17,104	\$17,331						
Emergency Works - Totals		902,859	Actual	\$49,104	85,180	93,494	94,952	102,988	114,743					
			Forecast					114,743	225,000	250,000	567,790	667,790	902,859	902,859
			Budget	75,238	150,477	225,715	300,953	376,191	451,430	526,668	601,906	677,144	752,383	827,621
Maintenance														
111	Sealed Pavement Maintenance	\$1,380,641	\$15,349	91,182	\$215,911	\$376,720	\$615,434	\$729,546						
112	Unsealed Pavement Maintenance	\$461,291	\$19,613	56,809	\$88,114	\$116,886	\$145,405	\$170,734						
113	Routine Drainage Maintenance	\$1,094,653	\$92,671	216,869	\$301,513	\$332,288	\$363,274	\$395,957						
114	Structures Maintenance	\$187,064	\$4,896	15,841	\$40,157	\$102,666	\$56,379	\$78,643						
121	Environmental Maintenance	\$1,036,048	\$57,334	219,984	\$342,282	\$493,150	\$620,485	\$713,859						
122	Traffic Services Maintenance	\$404,959	\$16,703	62,331	\$98,656	\$132,131	\$161,317	\$189,876						
124	Cycle Path Maintenance	\$1,000	\$0	0	\$0	\$0	\$0	\$0						
125	Footpath Maintenance	\$366,039	\$4,291	30,533	\$50,074	\$62,472	\$70,412	\$90,867						
131	Level Crossing Warning Devices	\$15,000	\$0	0	\$0	\$0	\$0	\$0						
140	Minor Events	\$425,931	\$10,482	20,993	\$25,340	\$30,326	\$55,874	\$90,914						
151	Network & Asset Management	\$489,174	\$7,557	21,075	\$98,045	\$236,228	\$279,471	\$343,922						
Maintenance - Totals		5,861,800	Actual	228,896	735,617	1,260,092	1,882,667	2,368,051	2,804,318	3,048,500	3,573,500	4,156,600	4,798,241	5,354,280
			Forecast						2,804,318	3,048,500	3,573,500	4,156,600	4,798,241	5,354,280
			Budget	488,483	976,967	1,465,450	1,953,933	2,442,417	2,930,900	3,419,383	3,907,867	4,396,350	4,884,833	5,373,317
Renewals														
211	Unsealed Roads Metalling	\$460,000	\$35,265	71,619	137,498	\$140,414	\$145,514	\$166,463						
212	Sealed Roads Resurfacing	\$1,337,996	\$0	246	705	\$1,860	\$690	\$41,232						
213	Drainage Renewals	\$600,000	\$45,516	100,675	233,870	\$256,021	\$324,802	\$362,546						
214	Sealed Road Pavement Rehabilitation	\$897,000	\$74,695	291,175	717,865	\$725,877	\$837,089	\$1,010,810						
215	Structures Component Replacements	\$211,000	\$0	0	9,254	\$16,429	\$33,188	\$42,848						
222	Traffic Services Renewal	\$275,000	\$907	1,430	6,773	\$7,449	\$8,598	\$20,811						
Renewals - Totals		3,780,996	Actual	156,383	465,145	1,105,965	1,349,881	1,644,710	2,360,000	2,982,996	3,162,996	3,272,996	3,652,996	3,780,996
			Forecast						1,644,710	2,360,000	2,982,996	3,162,996	3,272,996	3,652,996
			Budget	315,083	630,166	945,249	1,260,332	1,575,415	1,890,498	2,205,581	2,520,664	2,835,747	3,150,830	3,465,913
Road Improvements														
324	Accelerated LED Renewal Programme	\$74,838	\$0	18,539	21,811	\$57,820	\$7,820	\$74,838						
341	Low cost / low risk improvements 2018-21	\$1,341,856	\$17,892	\$20,770	96,915	\$112,270	\$210,115	\$348,723						
322	Mangaweka Bridge Replacement Construction	\$2,750,000	\$0	0	\$156,064	\$322,638	\$322,638	\$322,638						
322	Mangaweka Bridge Replacement - Pre-implementation	\$313,345	\$0	\$7,961	\$52,474	\$65,382	\$74,954	\$98,998						
Road Improvements - Totals		4,480,039	Actual	\$17,892	47,270	171,200	391,536	665,527	845,197	1,500,000	2,000,000	2,096,062	3,139,812	3,553,562
			Forecast						845,197	1,500,000	2,000,000	2,096,062	3,139,812	3,553,562
			Budget	373,337	746,673	1,120,010	1,493,346	1,866,683	2,240,020	2,613,356	2,986,693	3,360,029	3,733,366	4,106,702



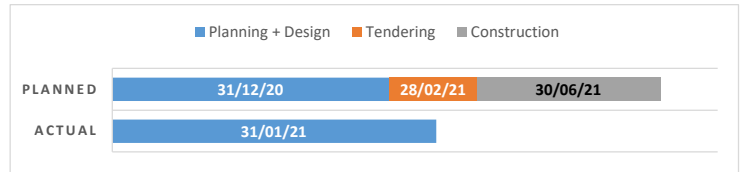
# Projects Summary



## Report as on 31 January 2021

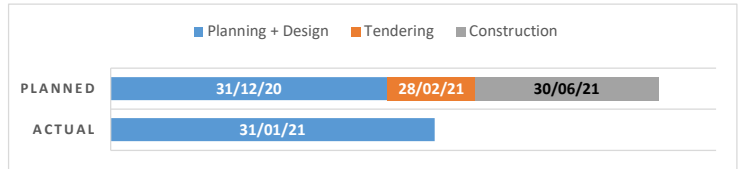
### Wellington Rd Storm water

**Budget**      **Budget spend**  
\$100,000      \$5,233



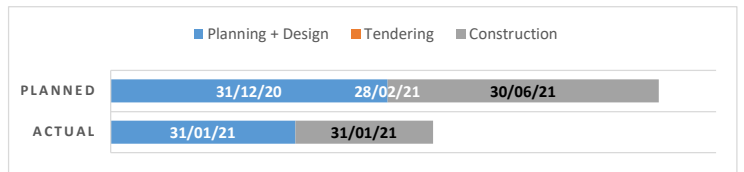
### Scotts Ferry Pump Station

**Budget**      **Budget spend**  
\$100,000      \$6,365



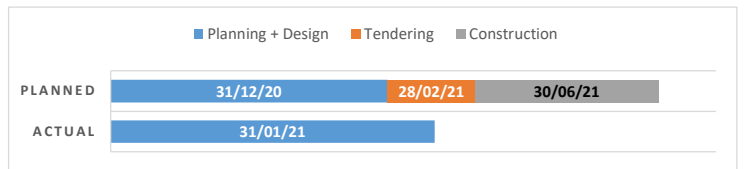
### Scotts Ferry storm water upgrade

**Budget**      **Budget spend**  
\$231,000      \$30,335



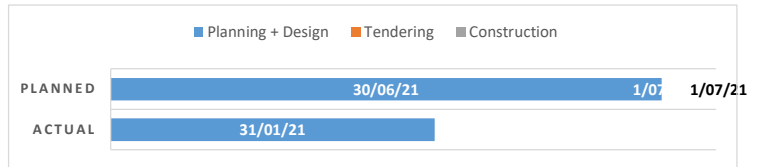
### Walton St repair

**Budget**      **Budget spend**  
\$250,000      \$999



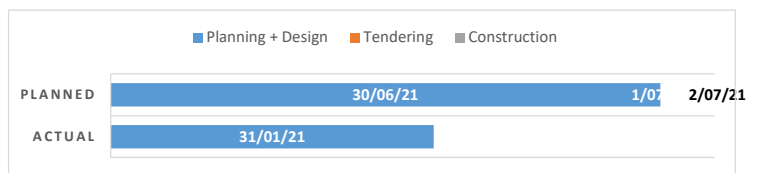
### George St renewal

**Budget**      **Budget spend**  
\$150,000      \$5,540



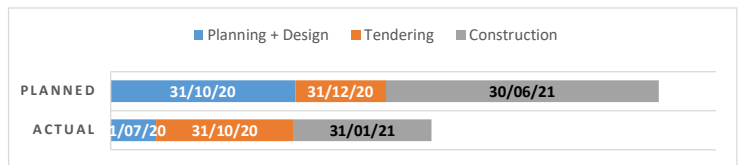
### Bredins Line upgrade

**Budget**      **Budget spend**  
\$200,000      \$25,698



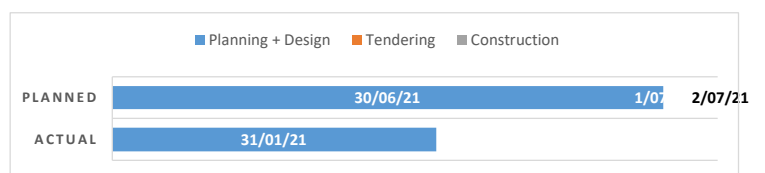
### Taihapa PRV replacement

**Budget**      **Budget spend**  
\$400,000      \$263,378



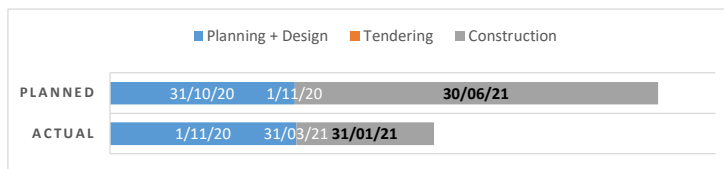
### Taihapa Falling Main

**Budget**      **Budget spend**  
\$630,000      \$0



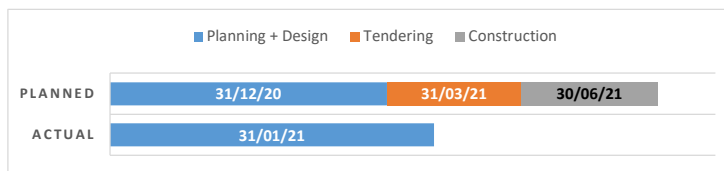
## Bulls Reservoir

**Budget**      **Budget spend**  
 \$1,600,000      \$476,536



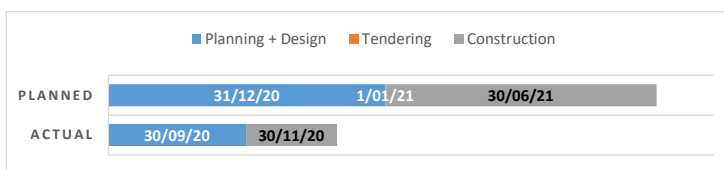
## Erewhon Rural scheme renewal

**Budget**      **Budget spend**  
 \$290,000      \$4,820



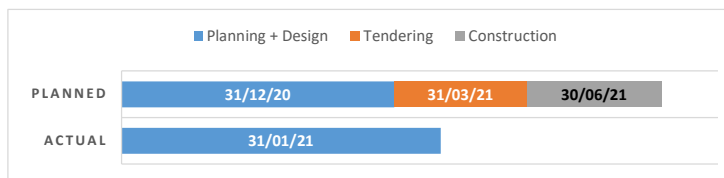
## Wastewater Hautapu St

**Budget**      **Budget spend**  
 \$300,000      \$89,249



## Papakai Pump station

**Budget**      **Budget spend**  
 \$1,500,000      \$73,486



## 2 WATER SUPPLY – CONSENT COMPLIANCE

Table 1 shows the compliance of each water supply scheme against consent conditions. Only those schemes for which Rangitikei District Council (RDC) is the consent holder have been shown.

RDC is authorised to abstract surfacewater and groundwater to provide water for eight water schemes. The associated limits for these abstractions were complied with for the duration of December 2020 (see Table 1 for details).

Table 1: Consent Compliance Abstraction – Water Supply (water-abstraction 1 December – 31 December 2020)

Scheme	Compliance December 2020	Comments	Actions
Marton	Compliant		No action required
Taihape	Compliant		No action required
Bulls	Compliant		No action required
Mangaweka	Compliant		No action required
Ratana	At Risk	1 day where abstraction slightly over limit	No action required
Erewhon Rural	Compliant	Issues with metering	Investigate meter
Hunternville Rural	Compliant		No action required
Omatane Rural	Compliant		No action required

### 2.1 WATER SUPPLY – DRINKING WATER STANDARDS COMPLIANCE

Table 2 shows

The Drinking-Water Standards for New Zealand 2005 (Revised 2018) have been used to assess the six potable water schemes. As can be seen from Table 2 below all six treatment plants were compliant with the bacteria limits. Five of the six plants were compliant for protozoa.

Table 2: DWSNZ Compliance (1 December to 31 December 2020)

Scheme	Compliance December 2020 – Bacteria	Compliance December 2020 – Protozoa
Marton		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Non-compliant Compliant : 99.11%
	Bacteriological Compliant.	
Taihape		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/ UVT Achieved <95% validation Compliant 100%
	Bacteriological and protozoa compliant.	
Bulls		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/UVT Achieved <95% validation Non-Compliant : due to 10 mins of spikes in Filters
	Bacteriological compliant.	
Mangaweka		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/UVT Achieved < 95% validation Compliant –
	Bacteriological and protozoa compliant.	
Ratana (New bore)		
	Bacteria/E-coli Compliant : Not Detected	Protozoa Not Applicable - Secure Bore
	Bacterial and protozoa compliant.	
Hunternville Urban		
	Bacteria /E-coli Compliant : Not Detected	Protozoa/UVT Achieved < 95% validation Compliant 99.9%
	Bacterial and protozoa compliant.	

Drinking water was safe to drink for the months of December 2020 and January 2021.

## 2.2 SECTION 69z OF THE HEALTH ACT 1956

Pursuant to S69z the Health Act 1956 Water Safety Plans must be in place for all plants. As a result of the Havelock North review additional critical control points need to be added to the Water Safety Plans.

We are in the process of combining all of the water Safety plans into one document. The first chapters of this document have been submitted for consideration.

## 2.3 WASTEWATER

RDC have seven discharge consents of which four were fully compliant for the duration of December 2020 (See Table 4 for details). The Hunterville, Bulls, and Taihape WWTPs failed to comply with the respective discharge volume limits. Hunterville was non-compliant with Aluminium and DRP downstream.

Ongoing consultation with Horizons continues to occur in relation to volume exceedances at these WWTPs.

Investigations relating to the Ratana and Marton/Bulls WWTP applications are on hold subject to obtaining land.

- Rangitikei District Council staff are responsible for land negotiations.
- Consultants are currently working on the Taihape WWTP Assessment of Environmental Effects (AEE)
- Rangitikei District Council are co-ordinating the Marton Bulls WWTP centralisation AEE.

Table 4: Consent Compliance – Wastewater Treatment Plants

Scheme	Compliance December 2020	Comments	Actions
Marton	Compliant		RDC managing the re consenting process for Marton Bulls centralisation  Additional aquatic survey scheduled for the 2020/21 summer to demonstrate the actual effects of the discharge.  Report on using a clarity tube as a substitute to black disc monitoring will be submitted to Horizons in December as Black disc monitoring is not possible at this site.
Taihape	Non-Compliant	Non-compliant with discharge volume condition. E.coli high upstream and downstream. Aluminium high upstream and downstream	Work started on a new discharge consent application, expected to be completed by 2023.

Scheme	Compliance December 2020	Comments	Actions
Bulls	Non-Compliant	Non-compliant with Discharge volume for 28 days of the month.	RDC managing the re consenting process for Marton to Bulls centralisation. The finalised consenting plan is expected to be completed by April 2021 and will then be presented to Council, Iwi and Horizons Regional Council for approval.  Working on a solution for Photosynthetically Active Radiation (PAR) equivalent reading in the field.
Mangaweka	Compliant		
Huntermville	Non-Compliant	Non-compliant with discharge volume condition on 11 days Non-compliant with Dissolved Reactive Phosphorus (DRP) and Aluminium downstream	Chasing Horizons for decision on variation. The consent variation was submitted on 27 May 2019.  Reduced alum dosing rate to try and reduce aluminium residual concentrations in the effluent. This could cause RDC to not comply with the DRP limits.
Ratana	Compliant		Consultation associated with consent application commenced.
Koitiata	Compliant		



### 3 SOLID WASTE

#### 3.1 Solid Waste Transfer Station Inspections

An audit of the RDC Transfer Stations is to take place on Wednesday, 3 February 2021.

#### 3.2 Waste Transfer Station Monthly Trends

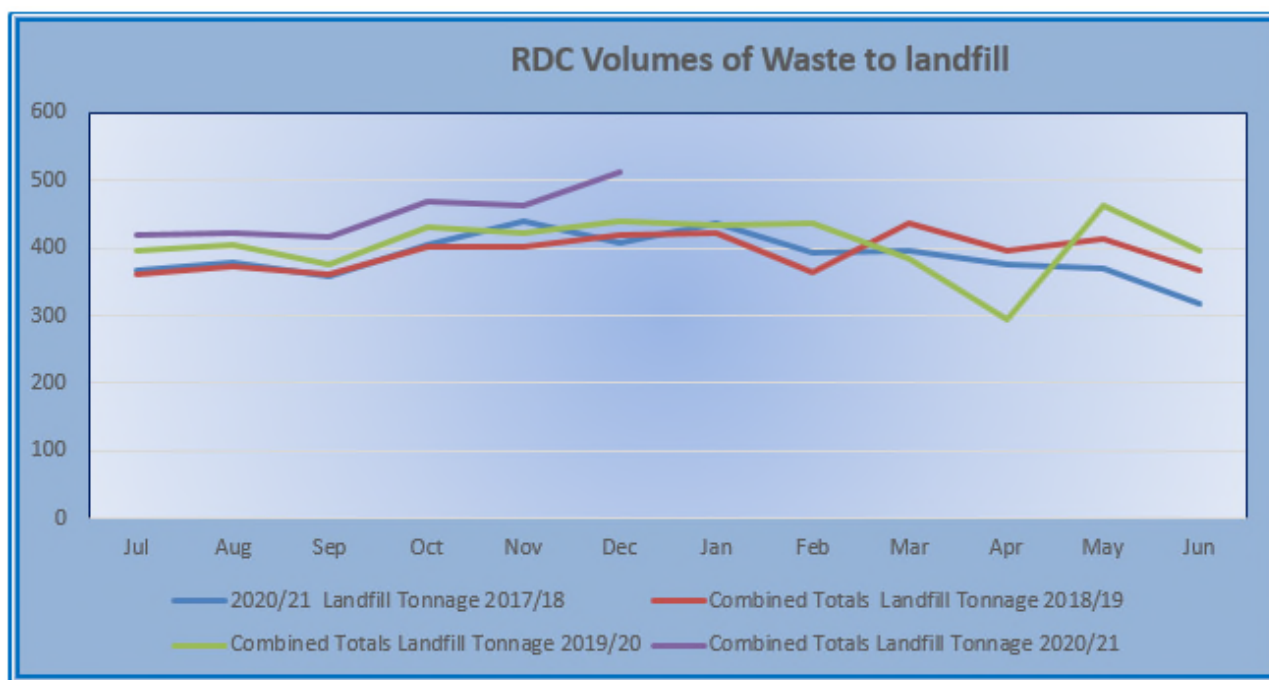
##### Monthly Waste to Landfill

Volumes of waste to landfill is up from the previous year's annual aggregate tonnage (2019/20 comparable month aggregate of 2100 tonnes).

November's 2020 amount is 462 tonnes giving a year to date aggregate of 2200 tonnes.

Volumes of waste to landfill is up from the previous year's annual aggregate tonnage (2019/20 comparable month aggregate of 2500 tonnes).

December's 2020 amount is up from previous months at 512 tonnes giving a year to date aggregate of 2700 tonnes.

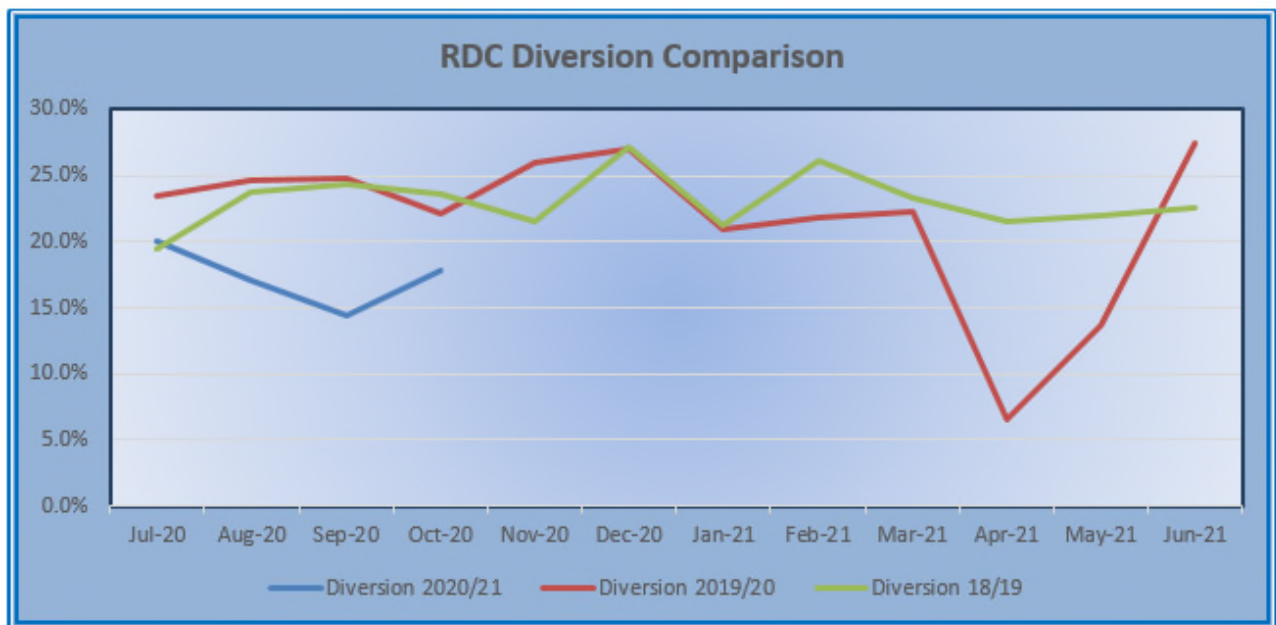


##### Diversion Comparison

The diversion comparison measures the amount of waste diverted from the landfill for recycling or reuse.

For November the previous year's diversion (2019/20 comparable) at an average of 26% is up from this year at the same time of 25%.

For December the previous year's diversion (2019/20 comparable) at an average of 27% is up from this year at the same time of 19.2%.



# Attachment 5

# Report

Subject: **Kuripapango Boundary Bridge Strengthening, Hastings District Council Project, Taihape - Napier Road**

To: Arno Benadie General Manager Assets and Infrastructure  
Assets/Infrastructure Committee

From: Philip Gifford Project Manager Roading

Date: 10 Feb 2020

File Ref: Bridge 71

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## 1 General Background

- 1.1 The Kuripapango Bridge, Taihape Napier Road, spans the Ngaruroro River on the boundary between Rangitikei District and Hastings District. The Bridge is a 59m long, 60 year old Callender-Hamilton Truss bridge.
- 1.2 The Bridge is under the control of Hastings District Council (HDC) with Rangitikei District Council (RDC) contributing 50% of the cost under a formal Boundary Bridge Maintenance Agreement.



Photo of Bridge

## **2 Strengthening Background**

- 2.1 The objective of central and local government is to increase the capacity of strategic roads on the network in order to accommodate larger vehicles known as 50MAX High Productivity Motor Vehicles (HPMV) and Full HPMV. The larger loads will lead to increased efficiency and economic activity.
- 2.2 The Kuripapango bridge is currently posted with a 44t restriction. This means that a significant proportion of the modern day freight fleet either use the route carrying less than optimal loads or use alternative routes. Axle configurations that cannot use the route fully laden include
- 2016 Vehicle Dimension and Mass (VDAM)
  - 50MAX HPMV
  - Full HPMV
  - Over dimensioned loads
  - Overweight loads
- 2.3 The need to strengthen the Bridge was first documented between RDC and HDC in 2009. Investigations into the condition of the structure have been carried out over a long period of time with closures to carry additional testing taking place as late as September 2020.
- 2.4 Consultants have designed a solution that involves the supply and installation of new deck slab panels and strengthening the existing steel members through welding additional metal to the structure.

## **3 Network Overview**

- 3.1 Structural investigations and possible strengthening of the Springvale and Moawhango Bridges has been progressing over the last two years and are expected to be completed by June 2021. These investigations will inform the structural upgrades that will be required to open the Taihape Napier Route to 50MAX HPMV and Full HPMV Vehicles.
- 3.2 RDC investigations since late 2019 have cumulated in the removal of the 44t restrictions on the Springvale, Taruarau and Moawhango Bridges. This means that the RDC section of the Taihape Napier Road can now accommodate 46t 2016 VDM loads.
- 3.3 Once the Kuripapango bridge strengthening is complete and RDC have completed their strengthening programme, the route between Hasting and Taihape will be capable of carrying Full HPMV loads.
- 3.4 RDC investigations have not identified the likelihood of the need to replace the deck of any of these bridges.

## **4 Funding**

- 4.1 The strengthening of the Kuripapango Bridge strengthening is to be jointly funded by HDC and RDC on a 50% each basis.

- 4.2 A budget allocation for the work is part of the Councils Asset Management, Long Term Plan, as agreed between the Council and NZTA.
- 4.3 There is sufficient funds in the current and next years budgets to fund the work.
- 4.4 The physical and professional cost of the RDCs share of the work is \$622,000. In addition to this cost there is an estimated contingency of \$112,000. Therefore RDCs total estimated cost is \$734,000.
- 4.5 The investigation and upgrading of strategic routes attracts a Financial Assistance Rate (FAR) of 63% from NZTA.
- 4.6 A further report is being prepared to Council in order to facilitate the necessary cost share payment to HDC and will be presented to Council in March 2021.

## **5 Current Situation**

- 5.1 HDC openly tendered the work on a Lowest Price Conforming basis in accordance with NZTA procurement procedures. The contract was awarded to Concrete Structures (NZ) Limited for \$ 894,017.00 on the 22<sup>nd</sup> December 2020.
- 5.2 HDC issued notification that the physical works and closures were to commence on 10<sup>th</sup> February 2021. The bridge was to be closed during the day and opened up to light traffic at night. No work is to take place on the weekend.
- 5.3 RDC and other stakeholders objected to the short notice, severe nature of the restrictions and lack of an approved Corridor Assess Plan. The project start date was deferred whilst additional stakeholder consultation was carried out. The following actions were agreed during a stakeholders meeting:
- The consultant was to check their methodology and calculations to ensure that there was no flexibility with the 22T weigh restriction,
  - At the moment it appears that no critical work is taking place on the weekend. Hastings District Council (HDC) were to consider seven or at least six working day weeks.
  - Additional costs for accelerated working were discussed that the stakeholder meeting but have not been confirmed.
- 5.4 A revised start date will be determined once all the actions agreed during the stakeholders meeting has been met and communicated with all the stakeholders.

### **Recommendations:**

1. That the report 'Kuripapango Boundary Bridge Strengthening, Hastings District Council Project, Taihape Napier Road' to the Asset and Infrastructure Committee meeting of 17 February 2021 be received.