

FAR NORTH DISTRICT COUNCIL
CONTRACT 7/18/101

Road Maintenance and Renewals Contract

MONTHLY REPORT – NOVEMBER
2023



*Preseal Repairs – Putts on
the roller*

1. SUMMARY



With Christmas fast approaching, November brought a month of construction friendly weather allowing us to put a decent dent in our programme. Our October claim came in at around 1.75 million.

Our storm works clean up continued, however with most sites complete we now have only one subcontractor assisting us with these works. They completed a decent list of culvert flushing, a couple of slips from the October rain event and a gabion retaining wall on Pipiwai Rd. We also had Northland tree works complete a decent amount of the remaining trees.

The reseals are on track and had a good month with 15kms of new seal completed. We are approximately 35% of the way through our reseal programme.

Jash's team completed the Ngapipito Rehab resulting in 1.1km of new pavement, a result the local community will be thrilled about.

We are about 50% of the way through our pre seal repair programme and have all but completed everything except Russell. This year a large proportion of our works are in Russell. We are making a start on the critical Russell sites early December in a bid to make them safe for the Christmas period. We will carry on with the remainder of the programme in January.

Our signs crews carried as usual with no major dramas.

Our patrol crews have been doing a great job to keep the network tidy and safe for the public.

Nga mihi

Rob





2. WORK PROGRAMME

A total of 4,177 individual work items were completed throughout the month of November, of which 3,472 were routine find and fix issues, 470 cyclic or annual rounds, 178 were programmed works, 29 renewal / capital project, and 29 were callouts or emergency response works.

December 2023 forward works programme has been submitted in RAMM.

3. ROUTINE INSPECTION REPORT

Our 3 inspectors have been working through routinely programmed inspections without any delay.

Sealed:

There are currently 0 sealed inspections running overdue. 331 completed, of which 32 have been audited by the NTA team.

Unsealed:

There are currently 0 un-sealed inspections running overdue, 3 inspections were completed late during the month, 298 were completed of which 21 have been audited by the NTA team.

Drainage

There are currently 0 drainage inspections running overdue. 31 completed, of which 1 has been audited by the NTA team.

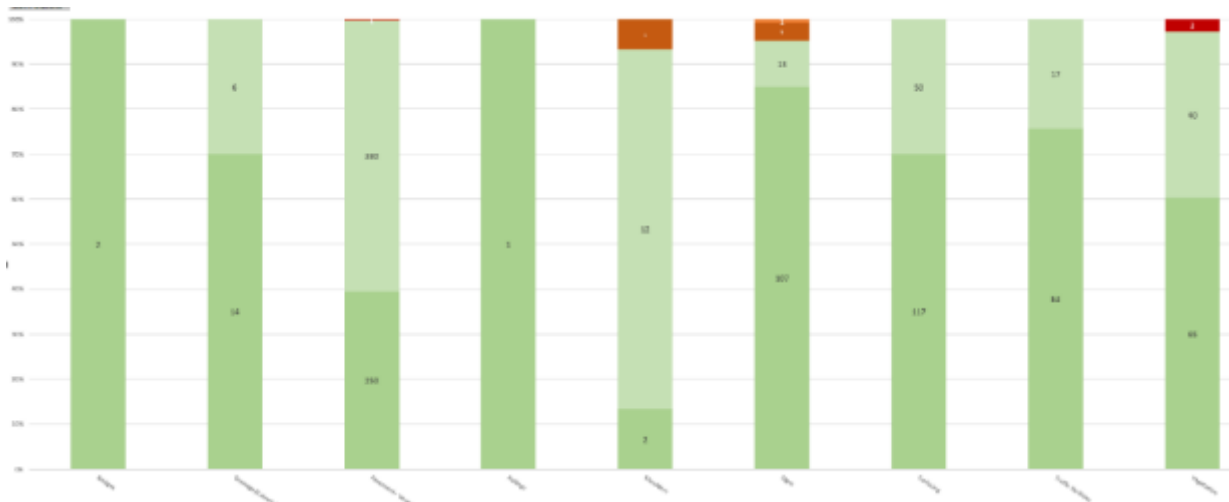
Network Area Inspection	
South Area – November 23	
Week 1	221.9 km
Week 2	273.9 km
Week 3	295.8 km
Week 4	398.8 km
Total KM	1,190.5 km



4. ROUTINE WORKS COMPLETED

Routine maintenance activities completed in November:

- 284 sealed potholes repaired.
- 7,443 unsealed potholes repaired.
- 281.9km of unsealed roads graded equating to 36.6% of the total unsealed network.
- 65 or 1.9% of dispatches for November have been audited by the NTA team.



Routine Response Time Band checks



Monitoring for potholes per road & those cleared by patrol crew vs. grading.



5. EMERGENCY WORKS

The main emergency works in November were trees from the weather event late October. We also had a slip on Waitotemarama Gorge Rd and Oromahoe Rd.



Before/after Pokapu Rd



Oromahoe Rd / Waitotemarama Gorge Rd



6. DRAINAGE MAINTENANCE & RENEWALS

Drainage maintenance activities completed in November:

- 251m of heavy water tabling (Storm recovery package & scheduled work).
- 137m of water table reconstruct/scouring. (Storm recovery package & scheduled work).
- 46.5m of Culvert pipes replaced/new. (Renewals Programme).
- 3 Culverts flushed.



Taheke Horeke Rd culver renewals



7. PHASE 2 – RECOVERY WORKS – GABRIELLE & MAY RAIN EVENTS

We carried on with phase 2 works, but we mainly worked on tidying up lots of the smaller remaining storm damage. Our subcontractor DCL carried and completed a gabion retaining wall on Pipiwai Rd.



Pipiwai Rd Under slips



8. FOOTPATH MAINTENANCE/RENEWALS

Our footpath crew have been involved in other works throughout the month of November. No Footpath renewals were carried out.

9. ORDERED WORKS

Ordered works were carried out:

- 615.7km of spraying.
- 592.9 m2 of Digouts and 1,050.6m2 of stabilised patches.
- Edge breaks/Shoulder repairs
- Kerb and Channel sweeping round started the week of the half marathon and started with sweeping of marathon route.
- Rubbish Run involving litter collection of the half marathon route.
- Wet roll and grades began late November, making a start on Whangae Rd



Preseal Repairs Keri inlet Rd / Waiomio Rd



Wet Roll and Grade Wangae Rd

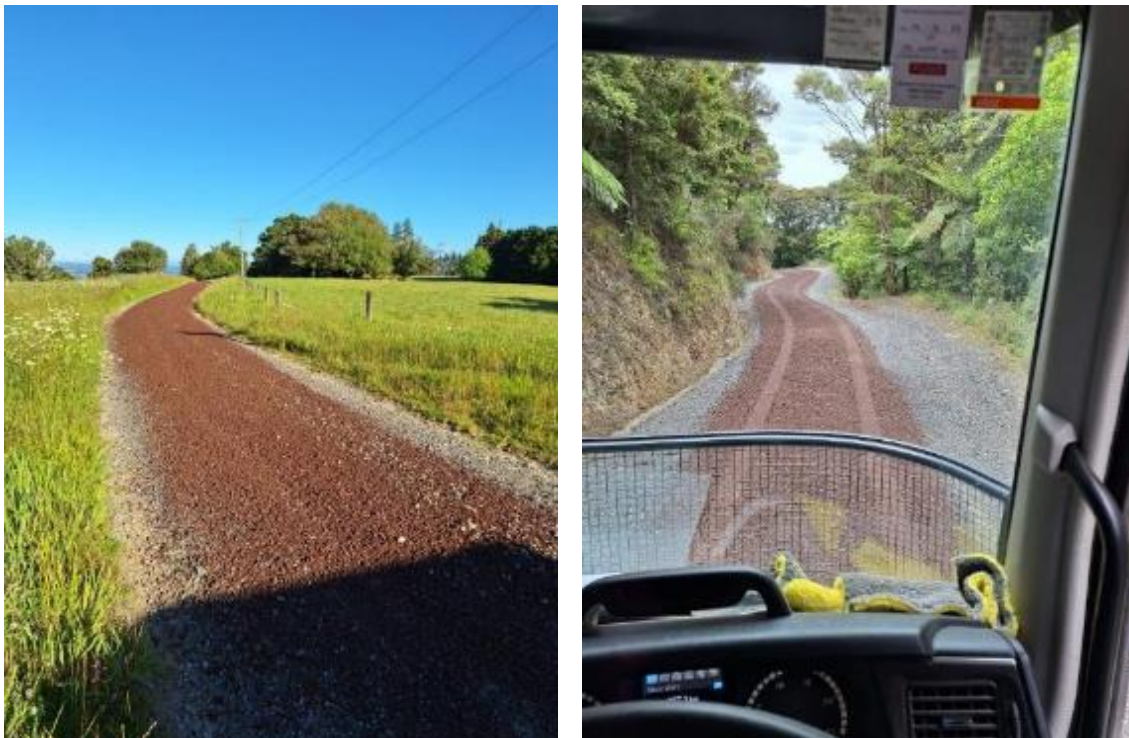


10. ROAD FURNITURE ACTIVITY

- 41 new signs installed or replaced (damaged or missing)
- 8 signposts replaced/new.
- 88 signs re-erected or straightened.
- 174 signs/posts cleaned.
- 131 posts painted.
- 30 metres of railing replaced.
- 238 edge marker / delineators replaced & straightened.

11. UNSEALED NETWORK

Maintenance metal was put on 24 roads across the network including Guthrie Rd, Hansen Rd, Hupara Rd, Imms Rd, Kelly Rd, Koutu loop Rd, Mission Oak Rd, Moehau Rd, Montrose Rd, Lake Rd, Koutu Loop Rd, Motutoa Rd, Okokako Rd, Omoromahoe Rd, Otaha Rd, Pokas Rd, Rigden Rd, Smoothy Rd, Stanners Rd, Vujchich Rd, Waihotu Rd, Waikare Rd, Waikare Valley Rd, Waione Rd and Waitaheke Rd.



Smeath Rd / Oromahoe Rd



12. PAVEMENT REHABILITATIONS

1. **Ngapipito Rd 1850-3000m** – Sealed on the 9th of November. Line marking has been booked next week once sweeping has been completed. Sealing drone footage link below:

https://www.canva.com/design/DAFzuUJmY-I/VfmKogYCogZEW7xdXlr8JQ/watch?utm_content=DAFzuUJmY-I&utm_campaign=designshare&utm_medium=link&utm_source=editor





2. Orakau Rd 14822-15050 –

The construction team moved onto Orakau rehab after Ngapipito road. This was a 220 m long rehab section with minor drainage works and 200mm overlay. Site was stabilised on the 22nd of November and sealing has been booked in for the 29th of November.





3. **Pipiwai Rd 12274-12610m-**

The drainage crew has established onsite as of today (28/11/23) to commence with culvert installation and will be later in the week joined by the construction crew to commence with shoulder checkouts and the rock wall.

4. **Cumber Rd 0-421m**

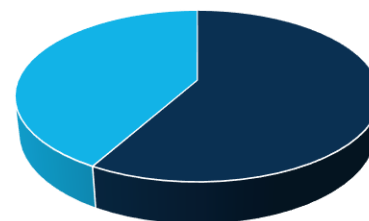
This site has been delayed further due to desludging works. Has been rescheduled for January 2024

13. RESURFACING

In November we have completed 15 kms of the reseal programme. This included three second coat seal sites totally 5kms on Ruapekepeka Rd, and various sites within, in both Kerikeri and Russell. Reseals also began on Wiroa Rd, and you may have noticed that we left out the sites east of the Wiroa Rd/Waimate North Rd intersection (in front of the airport) We did this to avoid the Fulton Hogan State Highway detour trafficking our sites. These remaining Wiroa Rd sites will be completed once the detour has been disestablished.



FNDC Reseals 2023/2024



- Reseals Length Remaining
- Length Resealed to date (Sept - Nov)

Did you know? This season the sealing team have implemented a “5 minute before we start check” which is discussed during our “Job Start” meetings. Here the check list confirms correct job instructions, tools, plant, and materials for the job but also focuses on the mental health levels of the sealing crew. During the Job Start while the team is gathered everyone gives their current energy level between 1 and 5. 5 being motivated and full of energy and 1 being not motivated or no energy. No judgement is passed, but by doing this the team knows where every member is at mentally. Those with levels 2 or below are approached after the meeting and are offered coaching and support. This new process works, as it ensures everyone onsite is mentally prepared especially on those hot summer days. On average you will see the Sealing Team all rocking level 4 or higher energy levels.



14. INNOVATIONS

Asphalt Millings to reinforce scoured shoulders

As contractors, we often find ourselves immersed in the practical aspects of our work, seldom taking the time to highlight our accomplishments. In this section, we present a glimpse into some noteworthy initiatives that typically go unnoticed.

In response to the challenges posed by this year's weather events, specifically prolonged and intense rainfall exceeding 40mm per hour for nearly an hour, we observed significant negative impacts on the shoulders and water tables of certain roads. Rather than merely addressing these issues in a conventional manner, we seized the opportunity to implement a creative solution.

Harnessing the potential of recycled asphalt millings, we embarked on a project to reshape and reinforce damaged or weak shoulders. The process involved strategically utilising asphalt millings and compacting them to form a resilient structure. The outcome is akin to concreting the shoulders, but at a fraction of the cost and with the added benefit of using a recycled product.

This innovative approach not only addresses the challenges posed by adverse weather conditions but also underscores our commitment to sustainable and cost-effective solutions in road maintenance.

The roads this has been utilised on to date are: Waimate North near SH10, Old Bay Rd the near SH1 end and Porotu Rd.



Concrete ford installation in damage prone flood plane

After investing a lot of time and money in addressing the ongoing challenges on Otatara Marae Rd, both our team and the residents got tired of the persistent road damage. The area, prone to flooding, had an additional historical complication – a road positioned right through its centre.

In response to this issue, a collaborative brainstorming effort led to the installation of a concrete ford just this month. The results have been overwhelmingly positive; residents are delighted, our team is satisfied, and the overall road network is now more resilient against future weather events.

For a visual journey through the transformation, be sure to check out the attached pictures.

Before



After



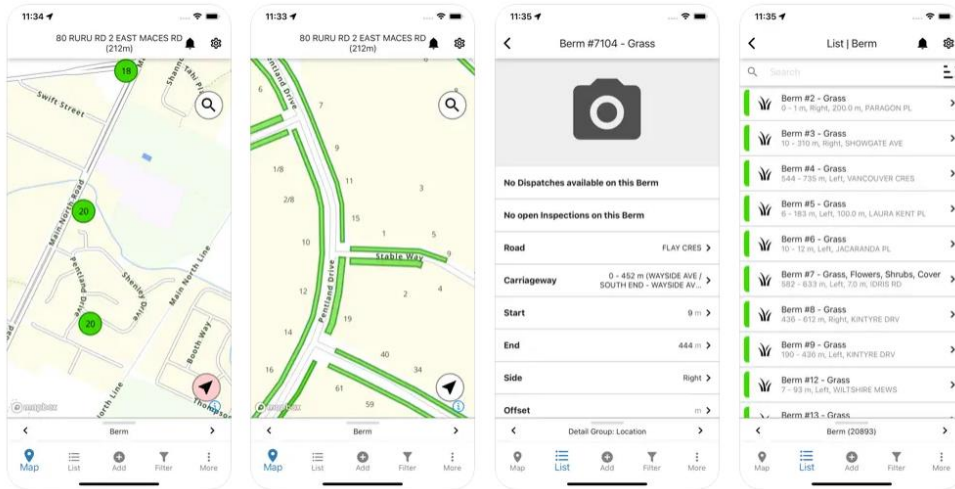
15. ROAD ACCIDENT REPORT

We had no notifiable accidents to report in November.

16. RAMM ISSUES



No issues this month – Any development & minor operational issues encountered in the system are being recorded to provide feedback to Think project each month. The first release of RAMM Mobile has now been tested by several staff members and we are looking forward to continuing expanding its use over the lead up to Christmas.



17. CUSTOMER SERVICE ISSUES / COMPLAINTS

Unsealed roads leading the statistics this month, followed closely by vegetation requests. Coincidentally, 154 RFS's for the month matches the number in November last year.

Ventia Customer Service Request Comparison, September 2023 to November 2023

Number of RFS's

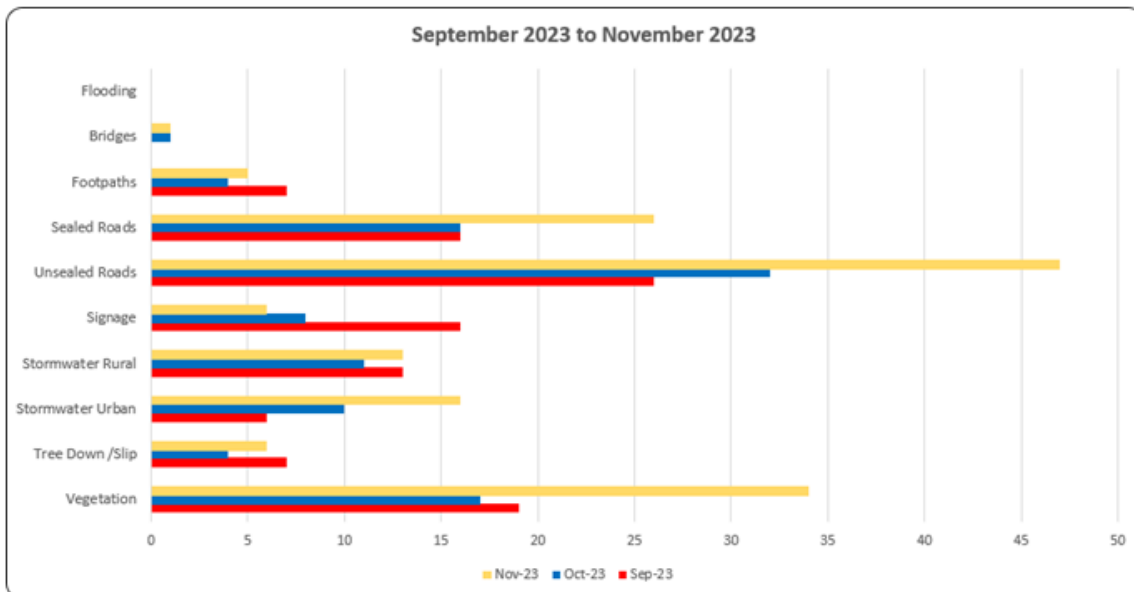
Month	Vegetation	Tree Down /Slip	Stormwater Urban	Stormwater Rural	Signage	Unsealed Roads	Sealed Roads	Footpaths	Bridges	Flooding	Total
Sep-23	19	7	6	13	16	26	16	7	0	0	110
Oct-23	17	4	10	11	8	32	16	4	1	0	103
Nov-23	34	6	16	13	6	47	26	5	1	0	154

TBC

Percentage of RFS's

Month	Vegetation	Tree Down /Slip	Stormwater Urban	Stormwater Rural	Signage	Unsealed Roads	Sealed Roads	Footpaths	Bridges	Flooding	Total
Sep-23	17.3%	6.4%	5.5%	11.8%	14.5%	23.6%	14.5%	6.4%	0.0%	0.0%	100%
Oct-23	16.5%	3.9%	9.7%	10.7%	7.8%	31.1%	15.5%	3.9%	1.0%	0.0%	100%
Nov-23	22.1%	3.9%	10.4%	8.4%	3.9%	30.5%	16.9%	3.2%	0.6%	0.0%	100%

TBC





18. COMPLIMENTS

Two compliments this month, see below for details.

Waitaheke Rd- Customer emailed saying thank you for acknowledging our concerns.

“Thank you for your email. It’s nice to hear from you and have my concerns acknowledged.”

Waiotemarama Gorge Rd – Customer emailed Ventia thanking us for the grading.

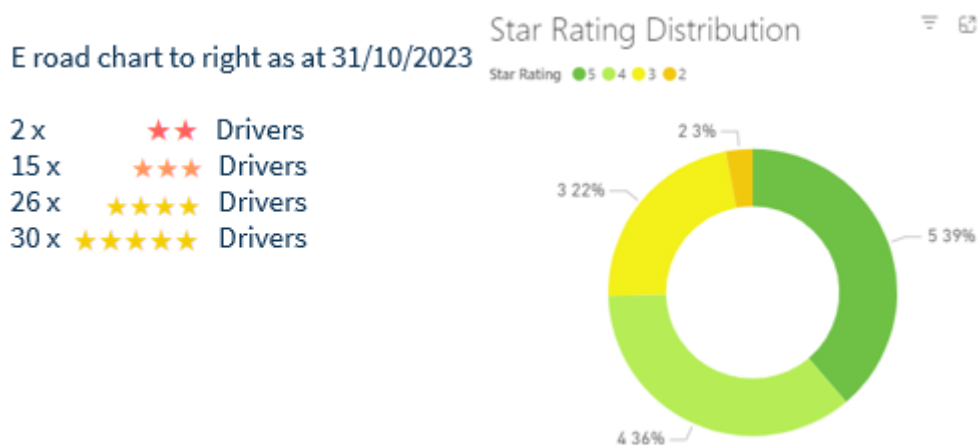
“Confirming grading was completed and what an awesome job.”

19. HEALTH & SAFETY & WELLBEING

See attached to this report email for the SHEQ stats for the month.

The themes from our Branch Toolbox held on 14th November at the Kerikeri Sports Complex were:

- 4 SHEQ alerts discussed (all from other companies shared around) sledgehammer injury, fall from height incident, grinder injury to arm, head injury when worker fell from height.
- Code of Conduct training for the full team, reminder of our obligations and why we have a code of conduct at Ventia.
- E road discussion around the large number of staff now in the good category (4 and 5 star drivers).



- We spoke about summer pressure and the usual “we must get it done before Christmas”. Explained that this is not the end of the world with a 2 week break we can continue in the new year. Consider your fatigue management for the whole team and ask about your teams’ energy levels at the commencement of each day to get a gauge.



One of our plant hire friends (ACE Rental) came along and spoke about the various attachments they hold throughout the North Island for their excavators. We are currently exploring options around these for better sustainability. Below are two examples of hitch attachments – Screening material excavated to place back in place (reducing emissions by carting less from site and reusing resources). Right hand side is a crushing bucket. Taking concrete and crushing while on site. We are unable to utilise this with our concrete team just yet as we operator with a small excavator, the crushing bucket works very well on the machines over 20tn. But watch this space the future. Imagine damaged concrete being reused right where it was removed as basecourse for fresh new concrete.



20. TRAINING

It was quite on the training front this month as you would expect in the summertime when the weather is fine you can stretch right up and touch the sky. Note vocal training was not part of this month just trying to fill this section up a bit. But in the New Year we have a few refreshers coming up for verification of competencies and a full branch start up meeting on 8th January is already in planning.

The team continued with the Heavy Metallurgy programme. A reminder on this one as it has been well received – An introduction to Mobile Plant Safety. Ventia Australia and NZ wide is running a programme through October & November on Heavy Metal (Mobile Plant Safety).

21. ENVIRONMENT

In November we had no notifiable incidents to report.



22. ANNUAL ROUTINE ACTIVITY ACHIEVEMENT

Routine and cyclic rounds start at the financial year (July 2023/24):

Biennial Painting of All Rails	0%	- on hold due to funding.
Biennial Parapet Painting of Bridges	0%	- on hold due to funding.
Annual Cleaning of EMP's	0%	- on hold due to funding.
Annual Sucking of All Sumps	0%	complete
Biannual sweeping	0%	complete
Urban Vegetation Spraying	100%	complete
Rural Vegetation Spraying	100%	complete
Line marking Network Remark	0%	complete

23. SMALL TO MEDIUM ENTERPRISE (SME) BUSINESS ENGAGEMENT

Summary of SME engagement through the last financial year - 1st July 22 to 30th June 23. So far in the new financial year starting 1st July 2023 our SME volume has increased due to Phase 2 & 3 storm repairs requiring additional local resources.

Measurement	Qty
Local Contractor component of work	41%



24. OTHER WORK IN PROGRESS

The Construction team have started on a few new projects as per below:

Waipapa Sports Complex

Work has started at Waipapa for the Sports Complex site with preparation for the kerb and light foundations underway. There are some long sections and tricky areas to get around but there is real good progress happening. Kerb installation and concrete for the light foundations will be ready to pour in the next few days. Boxing and pouring of the footpaths, installation of pram crossings and ramps, and draw pits to follow.





Cherrington Project

Work is nearing completion in Waiomio where a new Papakainga is being situated. Work has involved road widening on the SHW as well as the entranceway into the Papakainga. Watertables have been improved with some vegetation cleared to tidy the area and help with sight visibility. Below are a few photos of the initial set up.



Future work for the construction team will include slip repair work in Waikare as well as a few smaller private jobs.



25. PLANT

Introducing our latest brand-new addition to the fleet! This state-of-the-art vehicle is a testament to our commitment to efficiency and reliability. With its spacious cargo capacity, it's ready to tackle the toughest challenges on the road and appears destined for our culvert crew. We are excited to see how this new truck will elevate our operations and provide even better service to the community.



26. COMMUNITY WORK

Ventia supported the local fireworks display held at Springbank School on the 4th November by providing the traffic management. There was a record turn out this year, with more than 2500 people attending the event.

Nga Mihi

Rob Savage

Maintenance Manager – FNDC South Maintenance Ventia (NZ) Ltd