

FAR NORTH DISTRICT COUNCIL
CONTRACT 7/18/101

Road Maintenance and Renewals Contract

MONTHLY REPORT – MAY 2023

*Ngapipito Rd – Slip Clearing set
up – Feature Rainbow*



1. SUMMARY

“Phew wee more rain you say, sure ok great” says no one over the past two years. We wave the white flag this month. The team have been doing a stellar job moving from event to event over the past year and we have got really good at them with all the practice.



Unfortunately, in early May the network took another beating and this one was particularly prevalent out West. As a result, there have been 18 over slips, 22 dropouts, large amounts of shoulder scouring and road scouring on the unsealed network and copious amounts of newly blocked culverts to work through.

Phase 2 Gabrielle works had to slow down due to this to focus on keeping the network safe for users, 4 crews were pulled out of Gabrielle for 2 weeks. Overall, the Phase 2 works have been travelling along nicely. See further down for a bit more on the ins and outs on this package of works.

Stepping out of Storm chat and into renewals the **Unsealed pavement rehabilitation** team have ticked off Waiare Rd, Puketi Rd, Mangakaretu Rd, and Puketotara Rd. **Culvert Renewals** were completed by Pokai's team in between getting Omanaia School Rd back open to the teachers and students! Pouring **Footpaths** was a bit slow going which the crew switching into cleaning up for the first half of May post rain. They are still in Moerewa, and you may have seen them working on the State Highway at the Eastern end of town.

We have been inundated with RFS as you would expect following 12 days straight rain. The graders were unable to do much for the first half of the month. The unsealed patrol has been chasing the potholes as fast as possible with two crews at times.

Cyclic works continued - sump clearing round along with channel sweeping to collect the Autumn leaf drop. Crack sealing (tick), remarking (95% complete)

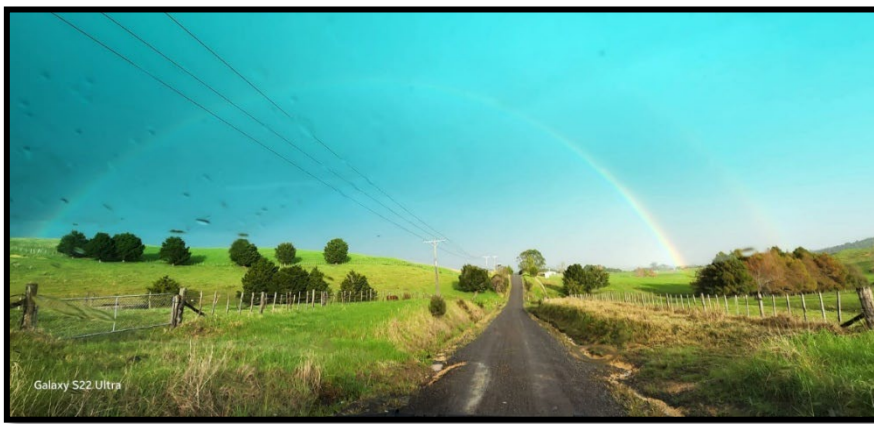
Nga Mihi – Jamie Kitzen



2. WORK PROGRAMME

A total of 3,433 individual work items were completed throughout the month of May, of which 1,611 were routine find and fix issues, 1,599 cyclic or annual rounds, 52 were programmed works, 3 renewal / capital project, and 168 were callouts or emergency response works.

June 2023 forward works programme has been submitted in RAMM.



Another Rainbow just for good measure – This time from Reb on Oromahoe Rd

3. ROUTINE INSPECTION REPORT

Our 3 inspectors have been working through routinely programmed inspections with a brief intermission due to the May weather event – they switched over to scoping and responding to storm damage network wide for several days. Drainage is on track with few roads remaining on our annual list.

Sealed:

There are currently 0 sealed inspections running overdue. *(73 sealed inspections were deferred during the May Rain Event)*

Unsealed:

There are currently 0 un-sealed inspections running overdue. *(5 unsealed inspections were deferred during the May Rain Event)*

Drainage

There are currently 0 drainage inspections running overdue.



Network Area Inspection	
South Area – May 23	
Week 1	363.5 km
Week 2	296.5 km
Week 3	228.8 km
Week 4	162.1 km
Total KM	1,218.9 km

4. ROUTINE WORKS COMPLETED

Routine maintenance activities completed in May:

- 244 sealed potholes repaired.
- 200 unsealed potholes repaired. *Note this number is based on sections of potholing so the number is more likely to be around 2000-3000 potholes.*
- 198.15km of unsealed roads graded equating to approx. 25.4% of the total unsealed network.

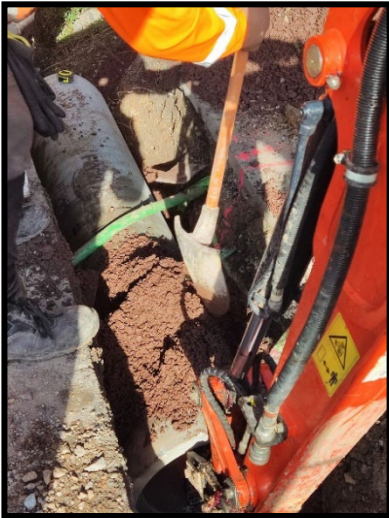
5. DRAINAGE MAINTENANCE & RENEWALS

Drainage maintenance activities completed in May:

- 570m of heavy water tabling (Storm recovery package & scheduled work)
- 2,128m of water table reconstruct/scouring. (Storm recovery package & scheduled work)
- 28 m Culvert pipes replaced/new. (Renewals Programme)
- 64 Culverts flushed (Storm recovery package).

Sump Clearing cyclic round continued through May and will be completed in June.

The drainage crew has been busy cleaning up slips and washouts after the heavy rain at the start of the month. They spent most of their time in the Matawaia/Pokapu area and have just gotten back to doing what they love, laying pipe! Pics attached of culverts going in between services on Austin Street, Opuā.



6. TEMPORARY REPAIRS

A one-off section on Temporary repairs this month. With the overly wet year so far, the sealed network has been put under extended stress which has caused pavements to fail sooner than desired. At present the following areas are planned for some temporary repairs to get us through Winter with a plan to then carry out more extensive repairs once the weather allows in Sept/Oct. The temporary repairs will look temporary in that they will be patched overlays of asphalt to take out the rutting and reduce the chance of water ingress through winter.

Wiroa Rd – One lane bridge – Potentially some downstream opening is required with an under sized culvert on private property causing the Bridge to flood in high intensity.



Cobham Rd Bridge approach.



Landing Rd, Kerikeri



Wiroa Rd/Waimate North Rd Intersection (Crossroads).



Recreation Rd, Kaikohe –

Wiroa Rd/Waiare Rd (Okaihau Golf Course)

7. EMERGENCY WORKS

The rain event early May has dragged through the month, and we had rain for the first couple of weeks of the month. We have identified and attended to many faults relating to the heavy rainfall. So far Kerikeri has had 319mm of rainfall in May, easily the highest May rainfall in the last 16 years and double the normal May average of 155mm.



Photos from May rainfall.



The Far North, such as Waimate North, has been hammered by downpours. Photo / Peter de Graaf

A MetService meteorologist has described the rainfall dousing parts of Northland today as "astounding".





8. PHASE 2 – RECOVERY WORKS

Phase 2 works slowed down for a large amount of the month for 3-4 teams while they attended to May Rain initial response works.

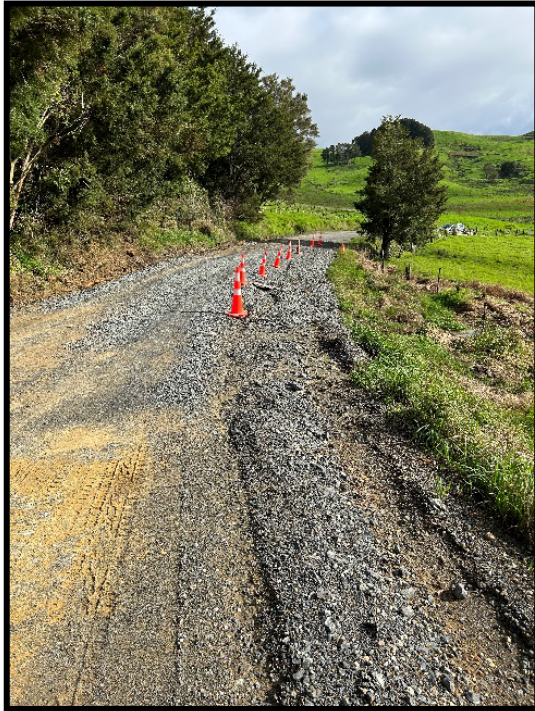
The team stepped away from Gabrielle Phase 2 works when the May rain came – Taheke Rd took a beating with lots of under Slips (Left to right, before, mid phase and after on one of these)



Marlow Rd Under slip (left to right before to mid phase looking south). This is a tricky spring-based pavement slip more than an under slip. A subsoil drain has been installed against the right-hand bank at a depth of 1m to intercept this water.



Marlow Rd Under slip (left to right before to mid phase looking north)



Marlow Rd Under slip (local traffic moving through site) note to the left a second small drop out type slip having been rock armoured.



The crew carried out culvert clearing, culvert installation, minor slip repairs and general water tabling along Oromahoe road and for the last 3 weeks have been on Motukiore Road. The team will be moving onto McIntyres Road from next week to focus on some major scouring and water table reinstatement with a few culvert inlet and outlets cleared.



With a lot of damage across the network out West Omanaia School Rd was prioritised for obvious reasons. School! Everyone wants to send the kids off to School each day but unfortunately the school had to be closed for a few days while we attended to an under slip. The under slip was excavated and we found a large amount of water pumping down the road through what we believe to be an old redundant watermain which is still be arranged by the 3 waters alliance. School was back open after the weekend thankfully.





Footpath Team

Water tabling and culvert clears throughout the Russell area, McIntyres Rd and general clean-up of smaller remaining trees throughout the network. They jumped back into footpath replacements on 12/6 so not a huge amount of Phase 2 works for them this month been.



Northland Treeworks

Continued with area wide tree recovery from cyclone Gabrielle phase 2 and 3, and also May initial response. There are millions of photos of trees been cleared but this one will do for a change. You will be sick of seeing tree pictures like we are 😊



DCL

Have been working on May rain event phase 1 activities and Gabrielle phase 2 works. Roads include slips/under slips and culvert clears/water tabling on various roads around the network including Pokapu Rd, Hairiru Rd, Duddy Rd, Waimatenui Rd.





JR Hack

The team have been delivering jobs out West and the repair on our network is in good hands. On Wekaweka Road, JR Hack have cleaned inlet and outlet on culverts, reform and clean side drains and constructed three new retaining structures with gabion baskets and correcting the camber on the final road surface.



On Classen Road, the urgent need was there for constructing new layers and backfill the heavy impacted road. Hack made use of subsoil drains to drain the trapped water beneath the surface. Then by wrapping the new layers in geogrid, which anchored it back to the harder existing road layers, the road reconstructions were successfully completed in a short timeframe.





OS Treeworks

Completed the remaining trees around the Kawakawa area including Albert St, Domain Rd, Mill Rd, Settlement Rd and Greenacres Dr. This picture is a great improvement on a section of road that regularly features on our afterhours call out chats with FNDC customer services. With hundreds of wattles on the lean it was awesome to be able to get rid of the lot so no more calls during the night now for this!



Pristine Projects

On Mangakaretu Road, Pristine Project have cleaned inlet and outlet on culverts, reformed and clean side drains and relaying culverts to create positive flow where needed. The work they are doing on Matawaia-Maromaku Road has involved renewals on under slips and top ups on dropouts to repair. With this work building their confidence and knowledge and having the ability to self-perform TMP, we hope they can deliver more work like below with Ventia in the future which this SME requirement for Phase 2 has allowed us to grow this opportunity with them previously not there.



Kia Tupato

Have been supporting 3 of the above teams throughout May.

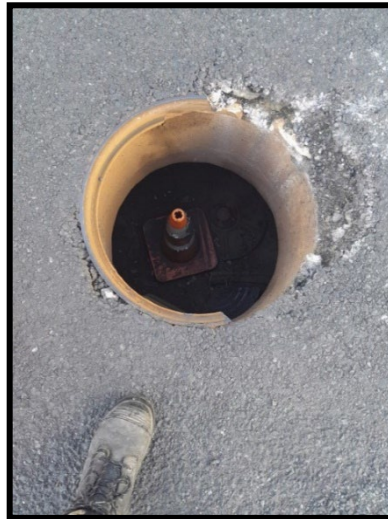


9. ORDERED WORKS

As per last month most of the ordered works this month were phase 2 of the cyclone Gabrielle response and phase 1 of the may weather event.

Some smaller ordered works were carried out:

- Temporary repair on problem areas on Recreation Drive in Kaikohe
- Repair for damaged manhole on Waipapa Rd. Before and after below.



10. FOOTPATH MAINTENANCE/RENEWALS

The concrete crew managed to replace 500m² of footpaths and vehicle crossings this month despite the rain we've had. They have a few sections left on Otiria Rd and Nisbet St in Moerewa before heading west to Kaikohe.





11. ROAD FURNITURE ACTIVITY

- 27 new signs installed or replaced (damaged or missing)
- 13 signposts replaced/new.
- 55 signs re-erected or straightened.
- 101 signs/posts cleaned.
- 74 posts painted.

12. UNSEALED NETWORK

May has been a very wet month and we have a large number of potholes across the unsealed network. We have 4 graders spread across the network and aiming to get to roads as fast as possible in order of priority. The rain has been very disruptive however with our grader operators needing to stop grading each time it rains for a day or two.

We have put running course on Motukiore Rd, Waiare Rd, Mangakaretu Rd, Waiotemarama Gorge, Whaakaurau Valley Rd. With all the potholes across the network we have pulled our heavy metals crew off towards the end of the month to focus on running course/maintenance metaling across the critical areas on the network.



We completed unsealed rehabs on Waiare Rd, Puketi Rd, Mangakaretu Rd, and Puketotara Rd.

13. PAVEMENT REHABILITATIONS

Ngapipito Rd

All preliminary works has been completed. Hydroseeding has also been done. The site will be left over inter and the construction team will be back in mid-September to continue with shoulder checkouts and overlay

14. RESURFACING

No planned resurfacing works this month. This month we have completed the Bitumen Safety Course for Ventia Staff and Subcontractors.



15. ROAD ACCIDENT REPORT

No accidents to report this month.

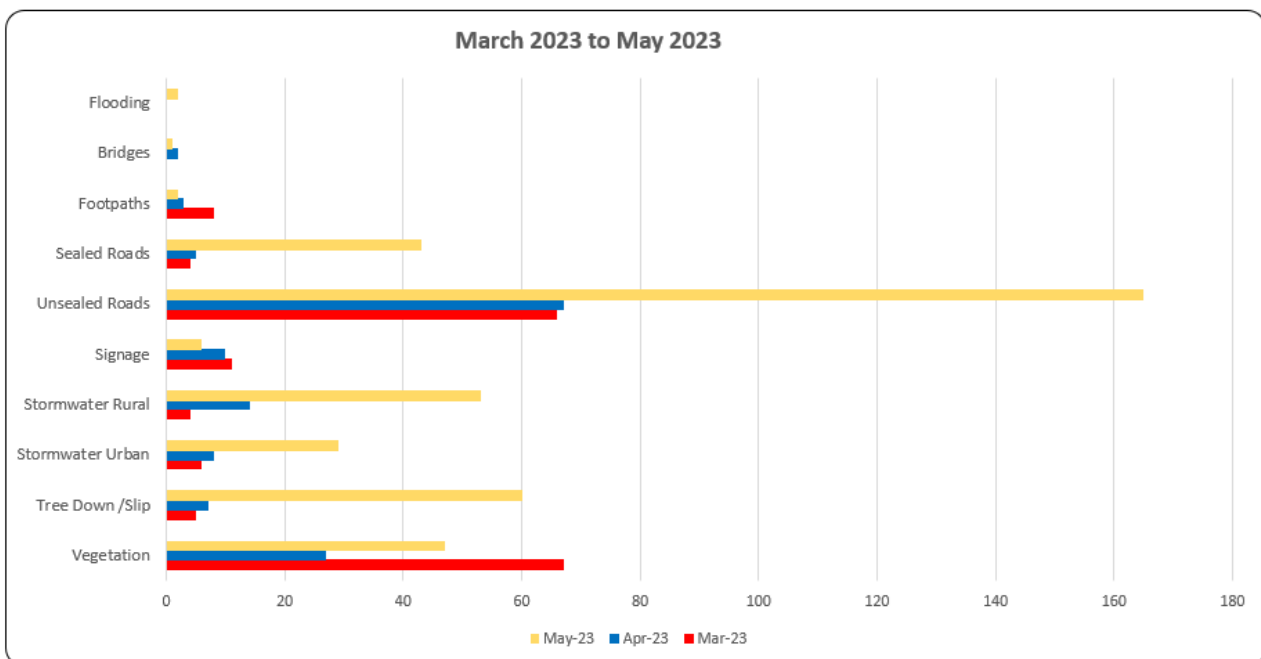
16. CUSTOMER SERVICE ISSUES / COMPLAINTS

Unfortunately, May was a record month for RFS since commencing this contract and by over 100 RFS. **408** in total. (In no particular order - **Matt, Rob, Frank, Cheryl** and **Cambridge** along with the **Inspectors** have done an unbelievable job at getting all 408 inspected, programmed if required and works carried out if urgent all within the timeframes required.

This volume however is not tenable long term, and we are suffering the effects of some big months over the past year. The public are increasingly more aggressive and demanding as they don't understand how much damage is out there and how the high intensity rainfall is changing how our roads are behaving and that it is something that nobody can control. Funds are the issue in addressing a lot of items for the public which we all know is tough at present.

Number of RFS's

Month	Vegetation	Tree Down /Slip	Stormwater Urban	Stormwater Rural	Signage	Unsealed Roads	Sealed Roads	Footpaths	Bridges	Flooding	Total
Mar-23	67	5	6	4	11	66	4	8	0	0	171
Apr-23	27	7	8	14	10	67	5	3	2	0	143
May-23	47	60	29	53	6	165	43	2	1	2	408





17. RAMM ISSUES



All clear this month; team members are continuing to operate the latest Production release. Any development & operational issues encountered in the system are being recorded to provide feedback to Think project.

18. COMPLIMENTS

1: Subject: RFS 4159108 - Wiroa Rd Bridge approach

Thank you, I really appreciate your reply. And the temporary fixes seem to be working for the moment.
Note as per the temporary repair section further up in the report there are longer term plans on this one.

2: Subject: RFS thank you received by our RFS phone number



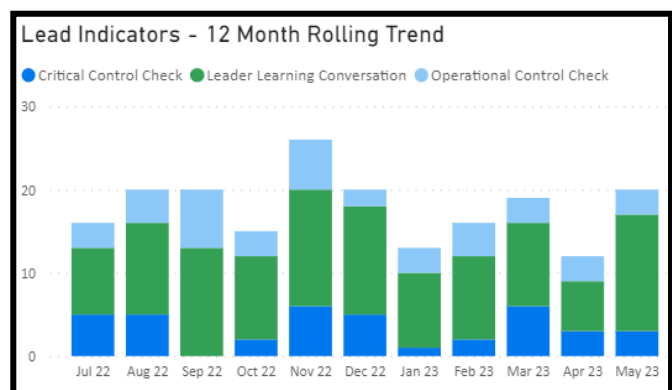
Hello Kia Ora Ventia contractor thank you for your work relating to the on going reoccurring pot hole and water ingress to hole and roading coatings with this RFS and your customer service follow up with info.

19. HEALTH & SAFETY

No incidents to report in May and our monthly leadership commitment programme targets were achieved, making up for low April marks.

Graph showing our leadership commitment graph for May.

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





20. TRAINING

The second round of First Aid trainer refreshing was held on 16th May. All that is left now is the 2 day training for the newer staff – commencing in July.

Justine arranged for a Northland based Bitumen safety course through NZIHT in May also including other local contractors to show strength in numbers working with other sealing teams.

Permit issuer training was completed (5/5/23)

Something I consider as an integral part of the field staff's personal development and opening them up to career advancement is **Connexis** on the job training. Below is a picture of 8 booklets submitted in the one catch-up with Erika from Connexis from our 5 staff currently completing the training. I am super proud of the 5 of them for continuing to learn after leaving School and juggling adult life while trying to develop their understanding of what they do. Recent staff reviews have identified 4 more members of the team keen to jump into Connexis training.



21. ENVIRONMENT

In May we had no notifiable incidents to report.

22. SMALL TO MEDIUM ENTERPRISE (SME) BUSINESS ENGAGEMENT

The table demonstrates the level of financial support Ventia has given the Northland District through the maintenance contract in its fourth year through small to medium local enterprises. Last year's figure was 43% local (now 49%) with a reduction in local labour hire due to additional roles being invested within the branch. Overall, an increase year on year investing locally.



23. ANNUAL ROUTINE ACTIVITY ACHIEVEMENT

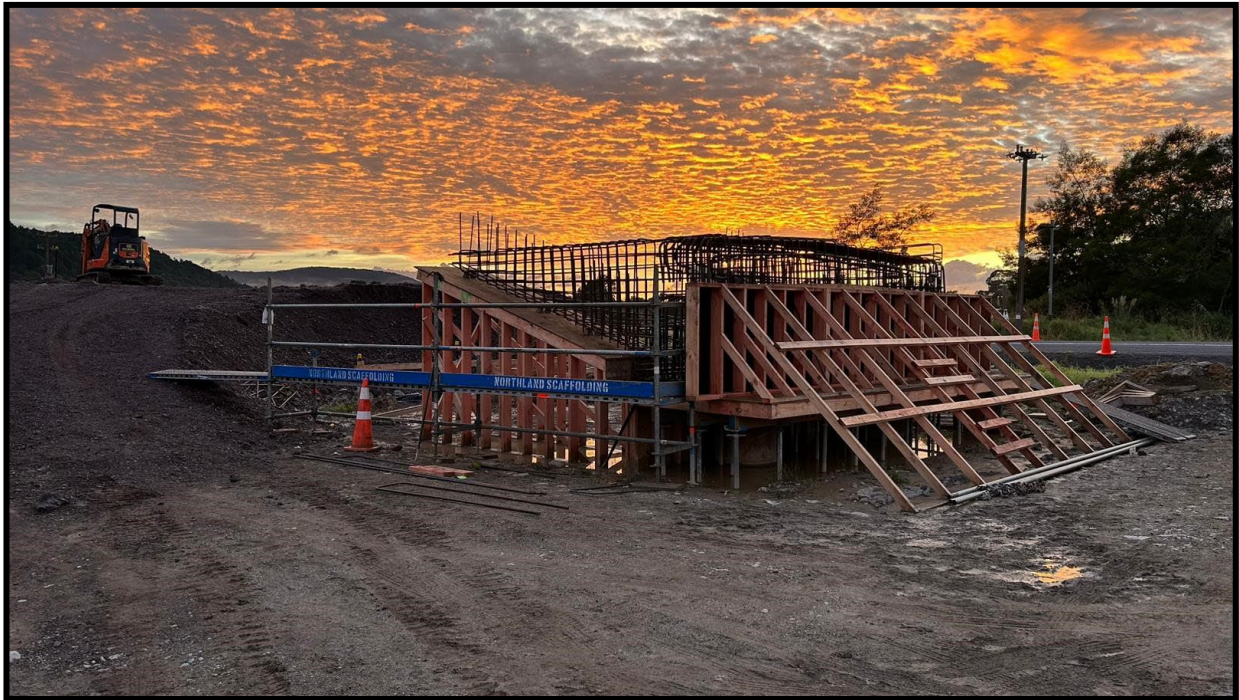
Routine and cyclic rounds start at the financial year (July 2022/23):

Biennial Painting of All Rails	0% completed - on hold due to funding.
Biennial Parapet Painting of Bridges	0% completed - on hold due to funding.
Annual Cleaning of EMP's	84% complete.
Annual Sucking of All Sumps	26% complete.
Biannual sweeping	91% completed – Round 2 underway.
Urban Vegetation Spraying	87% complete.
Rural Vegetation Spraying	46% complete.
Line marking Network Remark	36% complete.

24. OTHER WORK IN PROGRESS

The Construction team stayed on course with the delivery of our projects as per below:

1. Pokapu Road Bridge Construction – on site work has been hampered a lot this month with the river level rising significantly due to all the rain. The site completely flooded middle of the month and some of the surrounding community had to be evacuated. This even just highlighted the importance of this project again and the team are still very eager to deliver the bridge completed at the end of October. The Abutments and Pier C headstock are ready for concrete with works around Pier B slightly behind due to the location in the river. The bridge approaches have also been formed with the hard fill on both the North and south sides now in. Still a few months to go on the project. The bridge concrete structure will go up over the next few months before we start with the pavement realignment in August 2023.



2. Freese Park- Seawall – Construction team are doing a 120m seawall construction on Freese Park in Omapere. Seawall is 100% complete. The team will be installing 120 precast Redi rock concrete blocks for the next 2-3 weeks followed by DOC inspired ramp and steps as access to the beach.





25. COMMUNITY SUPPORT

With football season well underway the Paihia Football Club needed some fresh new lines painted at Bledisloe Park. We have donated some special paint for this with the results to be shown in the next monthly report.



Nga Mihi

Jamie Kitzen

Contract Manager – FNDC South Maintenance Ventia (NZ) Ltd