

## ***Transport Capital Works Report***

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Meeting Date: 25 February, 2024

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## **Executive Summary**

This is the Transport Capital Works Programme Delivery Report to the end of January, 2024.

The report includes projects approved in the 2024-2027 LTP.

### **Funding**

Council received funding confirmation for the new LTP from NZTA in the month of September. The funding is significantly less than applied for under the Low Cost Low Risk programme (local roads Capital Works fund) and as a result of the majority of the capital projects identified in the LTP for construction are no longer funded.

Council did receive funding for a bridge resilience programme.

Councils Asset Manager is ensuring council maximises its subsidy for funded projects by ensuring local share supports the slip programme as a priority.

This report reflects a tentative capital works programme until Council determine priorities and allocates local share.

### **Key progress**

- Works on the Whangae Slip project are completed.
- The Haruru Falls & Rawene footpath projects are completed.
- Hihi Bridge deck replacement has been completed.
- West Coast Rd Motuti, and West Coast Rd Pangaru slips are now under construction.
- Foreshore Road Footbridge Replacement is under construction.
- Designs are complete for Wanui Rd and Wainui – Matauri Bay Rd.
- The Ngapipito Rd slip funding has been confirmed and construction is beginning in February.
- The Emergency Resilience Panel tender has closed and is awaiting approval by Council.

### **Key risks to delivery**

- The Wildlife Act is a consideration and a risk for the Slip programme. A desktop assessment has been completed across the full emergency works programme using a traffic light system to prepare Project Managers with information about what they might expect from a permit perspective and to plan works with permit timeframes in mind. The Wildlife Act requires a permit to be in place before any works commence. Permits can take six months or more for DOC to process, however recently the process timeframe was 3 months which is encouraging. The Capital Works team are working closely with DOC, ecologists and iwi to minimise the timeframes to the extent possible. Members of the DOC team locally and at the Hamilton processing office have shown a willingness to do what they can to keep applications moving given the works are emergency works.

- The team will report continue to report monthly about the status of Wildlife permit application and any risk to the capital works delivery programme.

## 1 Bridge Resilience Programme

The \$6M bridge resilience programme has been awarded by NZTA. Design work on Y1 bridges has begun.

Bridge Resilience	Current Phase	Estimated Construction	Estimated Completion	RAG
		Start Date	Date	Status
<b>Hihi Bridge 06 (unconfirmed)</b>	Investigation	Dec-24	Feb-25	
<p>This may be a minor deck repair or a bridge deck replacement with temporary bridge structure to divert traffic as per the Hihi Bridge 07 project. Investigations currently underway to assess.</p> <p>Consultant: Grit Engineering carrying out investigations</p>				
<b>Foreshore Road B07 Footbridge</b>	Construction	Jan-25	April-25	
<p>\$350k est. footbridge adjacent to road bridge in Ahipara requires replacement. Currently in construction.</p> <p>Consultant: Grit Engineering</p> <p>Contractor: WM Construction Ltd.</p>				
<b>Broadwood Road H16</b>	Design	April 25	June 25	
<p>\$440k Bridge strengthening, highest priority route, currently restricted to Class 1 (44T).</p> <p>Consultant: Grit Engineering</p>				
<b>Broadwood Road H18</b>	Design	April 25	June 25	
<p>\$440k Bridge strengthening, highest priority route, currently restricted to Class 1 (44T).</p> <p>Consultant: Grit Engineering</p>				
<b>Hupara Road T06</b>	Design	April 25	June 25	
<p>\$330k Bridge strengthening of low strength bridge.</p> <p>Consultant: Grit Engineering</p>				
<b>Iwitaia Road H27</b>	Design	April 25	June 25	
<p>\$440k Bridge strengthening, highest priority route, currently restricted to Class 1 (44T).</p> <p>Consultant: Grit Engineering</p>				
<b>Iwitaia Road H30</b>	Design	Apr-25	June 25	
<p>\$440k Bridge strengthening, highest priority route, currently restricted to Class 1 (44T).</p> <p>Consultant: Grit Engineering</p>				
<b>Fisher- Riley Road E63</b>	Design	May-25	Jun-25	
<p>\$410k Bridge strengthening of low strength bridge.</p> <p>Consultant: Grit Engineering</p>				

<b>Bridge Resilience Year 2 &amp; 3</b>	Scoping	Jul-25	Jun-27	
\$5M Bridge strengthening on key bridges across the district. Scoping to be completed in Year 1.				
Consultant: Grit Engineering Ltd				

### Photo Hihi Bridge Completion



## 2 Unsubsidised Footpath Programme

There is a potential forward programme of unsubsidised footpath projects for the respective wards, however this will be decided by Council resolution. Below works are carried forward from last financial year.

### Key progress:

- SH11 Haruru works have been issued practical completion.
- Parnell St works complete, closing out contract in January.

<b>Unsubsidised Footpath Programme</b>	<b>Current Phase</b>	<b>Estimated Construction Start Date</b>	<b>Estimated Completion Date</b>	<b>RAG Status</b>
<b>SH11 Haruru (BOI-Whangaroa)</b>	Complete			
\$600k project to construct 565 m of new footpath. Project may have cost overruns due to EOT. Contractor: Ventia				
<b>Te Tii Road (BOI-Whangaroa)</b>	Design	Dec-24	Feb-25	

Design of 1280m long footpath and a section of timber boardwalk.

Design project only. Nearly complete.

Consultant: Haigh Workman

**Parnell Street (Kaikohe-Hokianga)**

Complete

940k project to build 320m new footpath. Includes kerb & channel, 60m retaining wall, 80m embankment, 150m handrails, and drainage.

Contractor: Ventia

**Ohaewai (Kaikohe-Hokianga)**

Procurement

TBC

TBC

Funding to be confirmed following carry forwards resolution.

Consultant: TBC

**2024-2027 LTP Works**

Not confirmed

TBC

TBC

Funding and Programme to be confirmed following Council resolution.

Consultant: TBC

### Photo Wall – Unsubsidised Footpaths

	
<p>Haruru Footpath Completed</p>	<p>Parnell Street Footpath: Completion photo 1</p>

## 3 Resilience Programme

FNDC have been awarded ~\$6M through the Transport Resilience fund.

This fund is for investing in proactive resilience improvements that will protect the transport network and keep our communities connected, now and in the future.

<https://www.nzta.govt.nz/planning-and-investment/transport-resilience-fund/>

Resilience Fund (Not Confirmed)	Current Phase	Estimated	Estimated	RAG
		Construction Start Date	Completion Date	Status
<b>Hupara Road (RP3040)</b>	Scoping	TBC	TBC	
Slip Repair on Hupara Road. Est. \$1.1M. Scoping phase. To be delivered as part of the Slip programme. Consultant: TBC Design complete, requires final estimate				
<b>Kohukohu Road (RP530)</b>	Scoping	TBC	TBC	
Slip Repair on Kohukohu Road. Est. \$1M. Scoping phase. To be delivered as part of the Slip programme. Consultant: TBC Design complete, requires final estimate				
<b>Pawarenga Road (RP610)</b>	Scoping	TBC	TBC	
Slip Repair on Pawarenga Road. Est. \$1M. Scoping phase. To be delivered as part of the Slip programme. Consultant: TBC Design complete, requires final estimate				
<b>Waiare Road (RP30820)</b>	Scoping	TBC	TBC	
Slip Repair on Waiare Road. Est. \$1M. Scoping phase. To be delivered as part of the Slip programme. Consultant: TBC				
<b>West Coast Road (RP500)</b>	Scoping	TBC	TBC	
Slip Repair on West Coast Road. Est. \$1.3M. Scoping phase. To be delivered as part of the Slip programme. Consultant: TBC				
<b>West Coast Road (RP14830)</b>	Scoping	TBC	TBC	
Slip Repair on West Coast Road. Est. \$450k. Scoping phase. To be delivered as part of the Slip programme. Consultant: TBC				

## 4 Emergency Works / Slip Repair Programme

Northland’s local road network suffered \$89 million worth of damage following 10 significant weather events to hit the region after July 2022. The repair bill for the Far North road network was estimated at \$41 million.

The Phase 3 (complex / >100k) slip repairs are what populate the Capital Works programme below. The value of this programme is ~\$25M.

There are a few other slip repairs that are funded from various sources (LCLR) that are also shown in the table below for simplicity.

There is a publicly available slip map on FNDC’s website which shows locations for the slips that is updated periodically.

<https://www.fndc.govt.nz/services/transport/Roads/severe-weather-road-repairs/slip-map>

### Key progress:

- Construction Panel tender evaluation completed with recommendation coming for Council decision.
- Whangae Road Slip project is complete.
- West Coast Rd Motuti, and West Coast Rd Pangaru slips are now under construction.
- Ngapipito Road repair works beginning in February
- Internal project management resources confirmed to support capital delivery programme.

### Key issues and opportunities

- The risk of the Wildlife Act permit timeframes and impact to capital delivery programme. More detail to be reported to Council regarding application status from February onwards.
- Carry forwards and local share allocation to maximise NZTA funding (71% FAR) needs to be prioritised.

Emergency Works / Slip Repairs	Current Phase	Estimated Construction Start Date	Estimated Completion Date	RAG Status
<b>Broadwood Road (RP296)</b>	Design	Mar-25	May-25	
\$150,000 est. slip repair Designer: GHD Contractor: Panel				
<b>Church Road, Kaitaia (RP1404)</b>	Scoping	Mar 25	May 25	
\$200,000 est. slip repair. Possible shear key rock buttress solution. Delivery method: On site design advisory with competent Contractor (Tier 3 Panel)				

<b>Duncan Road, Kaiangaroa (RP10105)</b>	Scoping	Oct-25	Apr-26	
<p>\$650,000 est. slip repair. Possible rock spalls solution.</p> <p>Designer: TBC. Design to be awarded and commence Apr/May-25</p> <p>Contractor: Panel</p>				
<b>Duncan Road, Kaiangaroa (RP14443)</b>	Scoping	Oct-25	Mar-26	
<p>\$435,000 est. slip repair. Possible timber pole wall solution.</p> <p>Designer: TBC. Design to be awarded and commence Apr/May-25</p> <p>Contractor: Panel</p>				
<b>Duncan Road, Kaiangaroa (RP10069)</b>	Scoping	Oct-25	Jan-26	
<p>\$450,000 est. slip repair. Possible timber pole wall or gabion solution.</p> <p>Designer: TBC. Design to be awarded and commence Apr/May-25</p> <p>Contractor: Panel</p>				
<b>Fisher-Riley Road (RP2820)</b>	Design	Mar-25	June-25	
<p>\$550,000 est. slip repair. Possible pole wall solution.</p> <p>Designer: GHD</p> <p>Contractor: Panel</p>				
<b>Fryer Road (RP2892)</b>	Complete			
<p>Designed and completed under maintenance contract</p>				
<b>Giles Road (RP577)</b>	Scoping	Apr 25	June 25	
<p>\$100,000 est. slip repair</p> <p>Designer: TBC, Scoping underway, may slip from current year</p> <p>Contractor: Panel</p>				
<b>Gumfields Road (RP656)</b>	Scoping	Feb-26	Apr-26	
<p>\$238,000 est. slip repair.</p> <p>Designer: TBC. Design to be awarded and commence Apr/May-25</p> <p>Contractor: Panel</p>				
<b>Honeymoon Valley Road (RP5585)</b>	Scoping	Mar 25	May-25	
<p>\$85,000 est. slip repair. Possible rock spill solution.</p> <p>Delivery method: On site design advisory with competent Contractor (Tier 3 Panel)</p>				
<b>Iwitaua Road (RP6252)</b>	Scoping	Oct-25	Mar-26	
<p>\$200,000 est. slip repair. Possible gravity wall solution. Possible maintenance level fix</p> <p>Designer: TBC. Design to be awarded and commence before Feb 25</p> <p>Contractor: Panel</p>				



<b>Kaitaia-Awaroa Road (RP26807)</b>	Tender	Mar-25	Jun-25	
<p>\$850,000 est. slip repair.</p> <p>Designer: Beca.</p> <p>Contractor: Panel</p>				
<b>Kaitaia-Awaroa Road (RP13525)</b>	Tender	Mar-25	May-25	
<p>\$290,000 est. slip repair.</p> <p>Designer: Beca.</p> <p>Contractor: Panel</p>				
<b>Larmer Road (RP2117)</b>	Design	Sep 25	Feb 26	
<p>\$600,000 est. slip repair. Possible retreat or wall solution.</p> <p>Designer: GHD</p> <p>Contractor: Panel</p>				
<b>Mangamuka Road (RP4535)</b>	Scoping	April 25	June 25	
<p>\$120,000 est. slip repair.</p> <p>Designer: TBC. Design to be awarded and commence Feb 25</p> <p>Contractor: Panel</p>				
<b>Mangamuka Road (RP2948)</b>	Tender	Mar 25	Jun-25	
<p>\$450,000 est. slip repair.</p> <p>Designer: Beca. Design complete.</p> <p>Contractor: Panel</p>				
<b>Mangamuka Road (RP7860)</b>	Scoping	April-25	Jun-25	
<p>\$150,000 est. slip repair. Possible pole wall solution.</p> <p>Designer: TBC. Design to be awarded and commence Feb 25</p> <p>Contractor: Panel</p>				
<b>Ngapipito Road (RP14350)</b>	Construction	Feb -25	May-25	
<p>Slip Repair on Ngapipito Road. Est. \$850k.</p> <p>LCLR project, not emergency works.</p> <p>Contractor: Ventia/GSI</p>				
<b>Paponga Road (RP2453)</b>	Scoping	Sept-25	Dec-25	
<p>\$700,000 est. slip repair. Possible pole wall solution.</p> <p>Designer: TBC. Design to be awarded and commence Apr/May-25</p> <p>Contractor: Panel</p>				
<b>Paranui Road (RP4460)</b>	Scoping	Sept-25	Oct-25	
<p>\$150,000 est. slip repair. Possible timber pole wall solution.</p> <p>Designer: TBC. Design to be awarded and commence Apr/May-25</p>				

Contractor: Panel				
<b>Pawarenga Road (RP8151)</b>	Tender	Feb-25	Jul-25	
<p>\$2.7M est. slip repair.</p> <p>Designer: Beca. Design complete</p> <p>Contractor: Panel</p>				
<b>School Road, Paihia (RP1031)</b>	Scoping	Sept-25	Nov-25	
<p>\$500,000 est. slip repair.</p> <p>Designer: Funding TBC. Design award depending on funding</p>				
<b>Smith Road, Herekino (RP2400)</b>	Scoping	Sept-25	Oct-25	
<p>\$95,000 est. slip repair.</p> <p>Designer: TBC. Design to be awarded and commence Apr/May-25</p> <p>Contractor: Panel</p>				
<b>Te Rore Road (RP3039)</b>	Design	Mar-25	May-25	
<p>\$550,000 est. slip repair. Possible pole wall solution.</p> <p>Designer: GHD</p> <p>Contractor: Panel</p>				
<b>Waiare Road (RP28085)</b>	Scoping	Apr-25	Jun - 25	
<p>\$250,000 est. slip repair.</p> <p>Designer: TBC. Design to be awarded February, possible delay for design and ecology permit</p> <p>Contractor: Panel</p>				
<b>Waiare Road (RP28047)</b>	Scoping	Nov	Apr-25	
<p>\$250,000 est. slip repair. Possible rock spall solution.</p> <p>Designer: TBC. Design to be awarded February, possible delay for design and ecology permit</p> <p>Contractor: Panel</p>				
<b>Waikare Road (RP8444)</b>	Design	Mar-25	May-25	
<p>\$350,000 est. slip repair. Possible gravity or pole wall solution.</p> <p>Designer: Hawthorn Geddes. Design phase to be completed by Feb-25</p> <p>Contractor: Panel</p>				
<b>Waikare Road (RP10600)</b>	Design	Mar-25	May-25	
<p>\$200,000 est. slip repair. Possible gravity or pole wall solution.</p> <p>Designer: Hawthorn Geddes. Design phase to be completed by Feb-25</p> <p>Contractor: Panel</p>				
<b>Waikare Road (RP19970)</b>	Design	Mar-25	May-25	
<p>\$300,000 est. slip repair. Possible timber pole wall solution.</p> <p>Designer: Hawthorn Geddes. Design phase to be completed by Feb-25</p>				

Contractor: Panel				
<b>Wainui Road (RP6561)</b>	Design	Mar-25	Jun-25	
<p>\$700,000 est. slip repair.</p> <p>Designer: Haigh Workman. Design to be completed by Feb-25</p> <p>Contractor: Panel</p>				
<b>Wainui Road (RP4655)</b>	Design	Apr-25	Feb 26	
<p>\$800,000 est. slip repair.</p> <p>Designer: Haigh Workman. Design to be completed Mar-25</p> <p>Contractor: Panel</p>				
<b>Wainui-Matauri Road (RP4995)</b>	Design	Mar-25	May-25	
<p>\$500,000 est. slip repair.</p> <p>Designer: Haigh Workman. Design to be completed Feb 25</p> <p>Contractor: Panel</p>				
<b>Waterfront Road (RP675)</b>	Scoping	Sep-25	Feb-26	
<p>\$1,700,000 est. slip repair.</p> <p>Design in procurement, scheduled to begin Feb 25</p> <p>Contractor: Panel</p>				
<b>West Coast Road, Motuti (RP16775)</b>	Construction	Oct 24	Jul-25`	
<p>FNDC Contract 7/23/105 - EW PH3 - West Coast Road, Motuti (RP16740) has been awarded for \$3.32M.</p> <p>Works underway</p> <p>Contractor: CLL Ltd</p>				
<b>West Coast Road, Panguru (RP20915)</b>	Construction	Oct-24	Mar-25	
<p>FNDC Contract 7/23/107 - EW PH3 - West Coast Road, Panguru (RP20865) has been awarded for \$970k.</p> <p>Works underway</p> <p>Contractor: Ventia</p>				
<b>Whangae Road (RP4857)</b>	Construction	Jul-24	Oct-24	
<p>Construction complete. See construction photos in table below.</p> <p>Contractor: Donovans</p>				
<b>Whangae Road (RP2700)</b>	Scoping	Mar-25	May-25	
<p>\$200,000 est. slip repair. Possible rock spall solution may be delayed for ecology permit</p> <p>Delivery method: On site advisory design with competent Contractor (Tier 3 Panel)</p>				
<b>Whangape Road (RP6228)</b>	Scoping	Sept-25	Nov-25	
<p>\$500,000 est. slip repair. Possible rock spall or minor retreat solution.</p> <p>Delivery method: On site advisory design with competent Contractor (Tier 3 Panel)</p>				

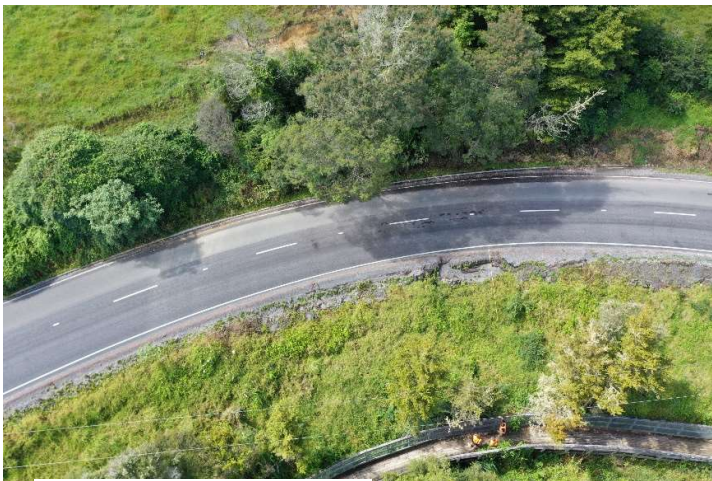
Photo Wall – Slip Repair Projects



West Coast Road Construction



Whangae Road wall completed



Ngapipito Road

## 5 Reseal and Rehabilitation Programme (Year 1 Only)

The reseal programme is indicatively ~\$5.8M per year & the rehabilitation programme is indicatively ~\$4.5M per year for each year of this 2024-2027 LTP.

~\$2M Preseal repairs are also to be delivered for to support year 1's reseal programme.

### Key progress:

- Preseal repairs are on program. The northern area is 100% complete and the southern area approximately 86% completed.
- Resurfacing works commenced in mid November and will carry on through the paving season.

Reseal & Rehab programme	Current Phase	Estimated Construction Start Date	Estimated Completion Date	RAG Status
<b>North Reseals</b>	Confirmed	Oct-24	Apr-25	
\$2.6M reseal programme for Year 1 Contractor Treatment Design: Approved. Works are continuing throughout the summer sealing season. Contractor: Fulton Hogan				
<b>South Reseals</b>	Confirmed	Oct-24	Apr-25	
\$2.6M reseal programme for Year 1 Contractor Treatment Design: Approved. Works are continuing throughout the summer sealing season. Contractor: Ventia				
<b>Wiroa-Waimate North Intersection Rehab</b>	Design	Feb 25	Apr 25	
\$200k. 150m long rehab. Includes drainage and kerb realignment. Contractor Design: To be submitted and price confirmed. Enabling works have been completed Contractor: Ventia				
<b>Waiare Road (RP0-1100) Rehab</b>	Design	Oct 24	Mar 25	
\$480k. 1km long rehab. Contractor Design: To be submitted and price confirmed. Enabling works have been completed Contractor: Ventia				
<b>Kempthorne Road</b>	Design	Feb 25	Apr 25	
\$600k. 1km long rehab. Contractor Design: To be submitted and price confirmed				

Contractor: Ventia				
<b>Takahue Road Rehab</b>	Complete			
<p>\$350k. 800m long rehab.</p> <p>Contractor: Fulton Hogan</p>				
<b>Taupo Bay Rehab (3 sections)</b>	Design	Nov 24	Apr 25	
<p>\$600k. 500m long rehab in 3 sections.</p> <p>Contractor Design: Design approved, enabling works completed</p> <p>Contractor: Fulton Hogan</p>				
<b>Larmers Rd Rehab (2 sections)</b>	Design	Feb 25	Apr 25	
<p>\$700k. 1.3km long rehab.</p> <p>Contractor Design: To be submitted and price confirmed</p> <p>Contractor: Fulton Hogan</p>				
<b>Kaitaia Awaroa Rd rehab</b>	Design	Feb-25	April 25 - part 1	
<p>\$1m. 1.7km long rehab.</p> <p>Contractor Design: The rehab project has two slip sites within the project limits. Approximately 900m of rehab work will be completed this season with the remainder to occur alongside the slip repairs. A communications plan, including project signage, will be developed to inform the public about the order and schedule of repairs.</p> <p>Contractor: Fulton Hogan</p>				
<b>Rangiahua Rd Rehab Site -</b>	Complete			
<p>\$400k. 820m long rehab.</p> <p>Contractor: Ventia</p>				
<b>Taipa View Road</b>	Design	Feb-25	May-25	
<p>\$250K 350m rehab</p> <p>Contractor Design: To be submitted and price confirmed</p> <p>Contractor: Fulton Hogan</p>				
<b>Preseal Repairs</b>	Confirmed	Oct-24	Feb 25	
<p>\$2M est. Preseal repairs</p> <p>Contractor Design: Has been peer reviewed and confirmed, works 1mil per area, no</p> <p>Contractor: Fulton Hogan &amp; Ventia</p>				
<b>West Coast Road (unsubsidised seal)</b>	Confirmed	Feb-25	Apr-25	
<p>\$1.2M est. 1.8km seal extension</p> <p>Contractor Design: Design accepted and priced, enabling works underway.</p> <p>Contractor: Fulton Hogan</p>				