Poroporo - Flood Resilience Update

Rohe: Tikitiki/Rangitukia
Location: Tikitiki School
Date: 10 Oct 2026



Tō Tātau Huarahi Whakarauora
Recovery

Te Kaunihera o Te Tairāwhiti
GISBORNE DISTRICT COUNCIL

Programme Overview

Complete

We are here

Target mid-2027

Target Oct 2027



Stage 1 – Investigations:

- Catchment investigations,
- Community engagement
- Preferred options assessment

Stage 2: Design & Consent:

- Preliminary & detailed design
- Resource consent
- Community engagement

Stage 3: Construction Delivery:

- Procurement
- Construction delivery of approved projects

Each stage requires formal Crown gateway approval before advancing

25 June Council Report

Prioritisation & Ranking

Council endorsed prioritisation framework and ranking of projects.

✓ Endorsed by Council

Stage 2 Advancement

Seven priority projects endorsed subject to benefit cost ratio >1.

✓ 7 Projects promoted

Benefit-Cost Ratio Methodology

Crown requires BCR methodology as the basis for funding justification.

BCR submitted – Pending Crown Approval

East Coast Projects

Rank	Project	P50 Cost	P95 Cost
1	Tokomaru Bay Mangahauini Stopbank	$0.46M	$0.59M
2	Waiotu Stream Capacity Improvement	$3.35M	$4.31M
3	Tikitiki / Poroporo Stopbank	$5.31M	$6.82M
4	Mākarika Close-In Stopbank	$2.07M	$2.67M
5	Ūawa Northern Stopbank Stage 2 scoping only	$5.85M	$7.57M

Gisborne City / North Projects

Rank	Project	P50 Cost	P95 Cost
1	Turanganui River Dredging ~1m	$7.91M	$10.17M
2	Gisborne North Matokitoki Stormwater Upgrades	$14.74M	$18.95M

Stage Two - Design & Consent

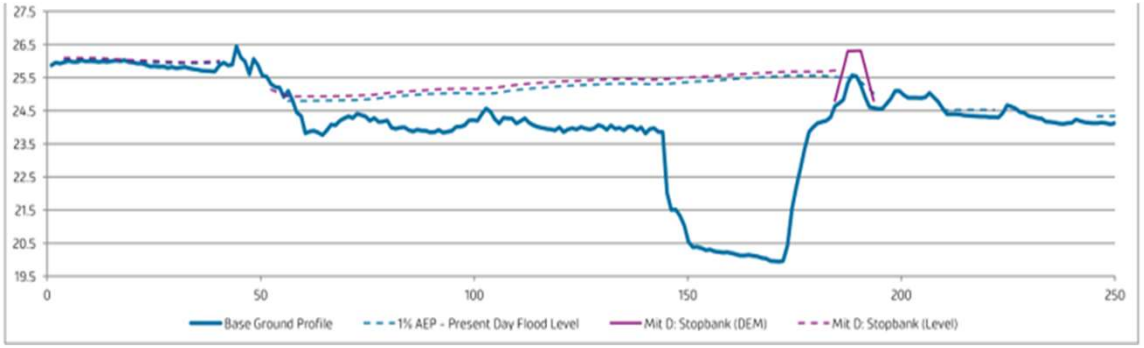
Stopbank Upgrade

- Alignment, footprint and crest level design.
- Allow for future stopbank raising.
- Improve flood protection for community

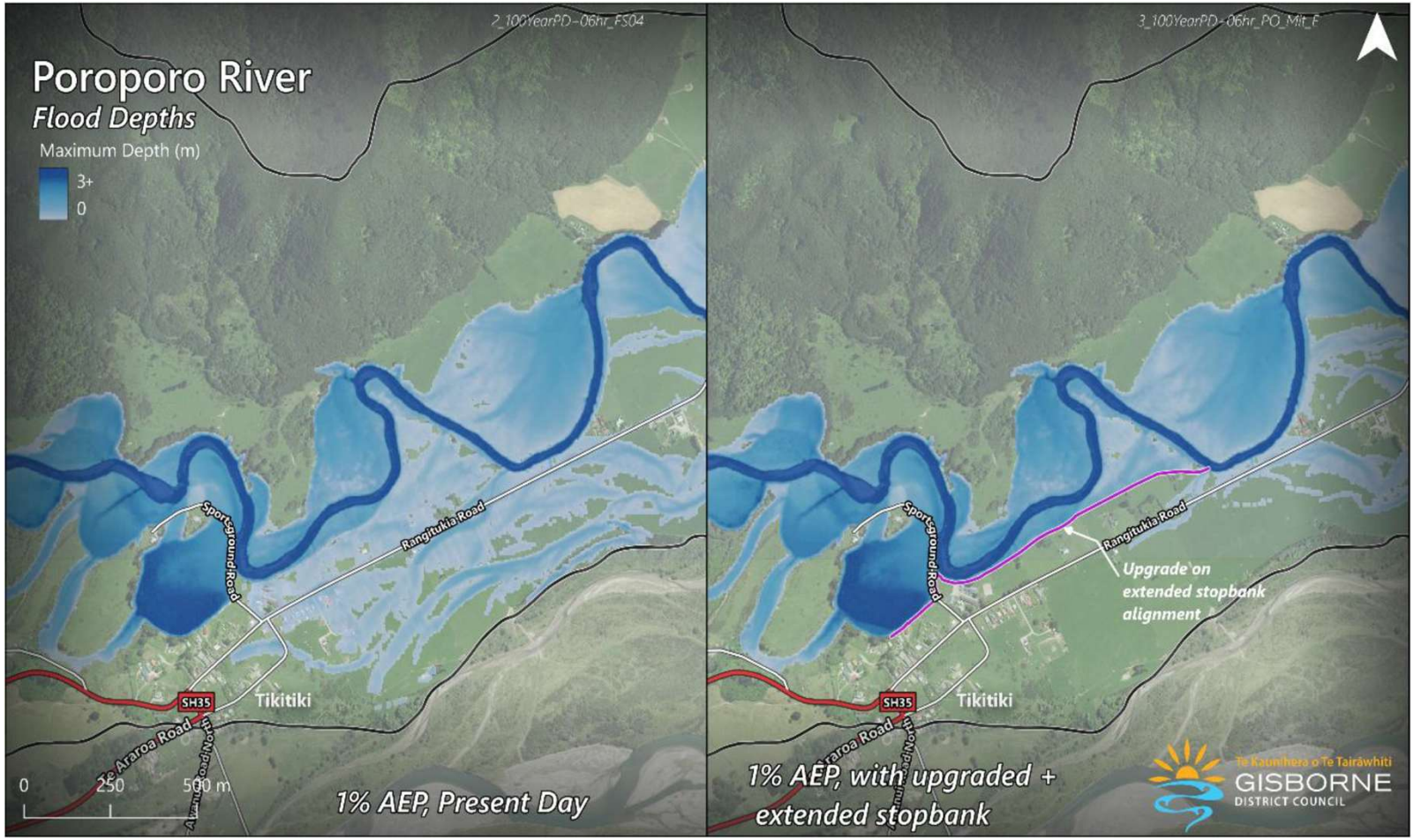


Riverbank Protection

- Confirm type & extent of rock revetment.
- Reduce scour and erosion risk.



Stopbank Design



Model Scenario	Houses flooded (> 20cm)
100 yr event - present day conditions	2
100 yr event with RCP8.5 climate change scenario	14

Programme Timeframes

2026 Procurement & Engagement

We are here

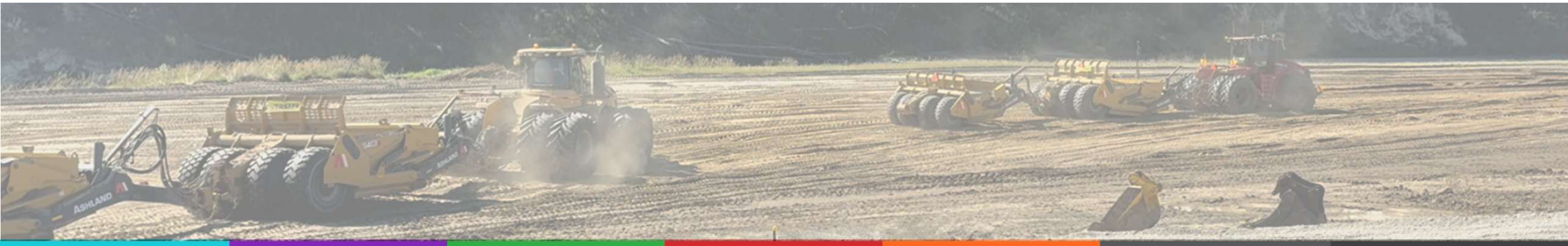
- **Oct 2027**
  Stage 2 Crown Gateway Approval
- **9 Oct 2026**
  Flood Group Community Meeting
- **Nov 2026**
  Preliminary Designs start

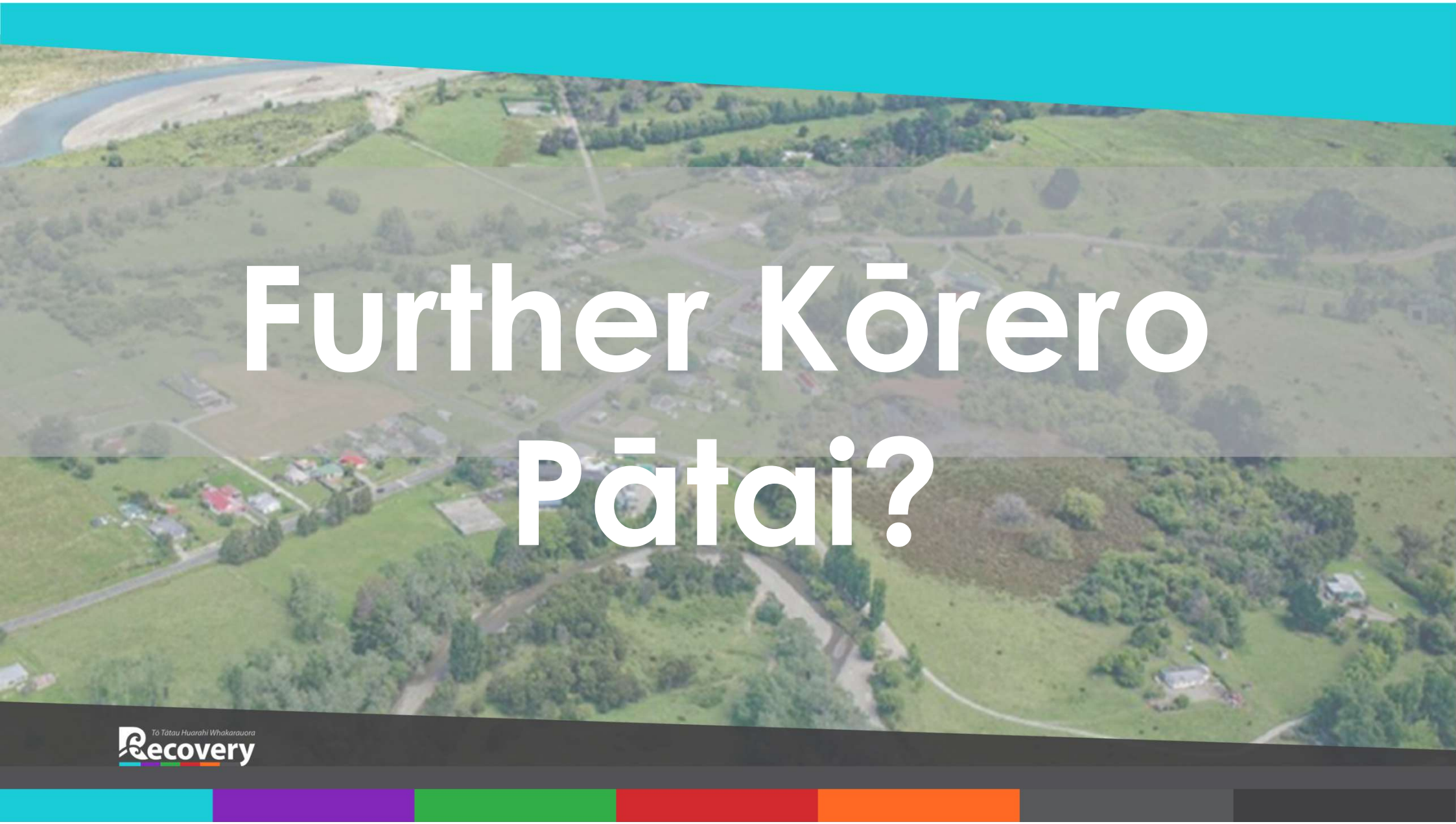
2027 Design, Consent & Crown Gateway

- **Feb 2027**
  Preliminary Design Complete
- **Mid-2027**
  Stage 2 Detailed Design & Consenting
- **Aug 2027**
  Procurement for construction/delivery
- **Aug–Oct 2027**
  Stage 3 Crown Gateway Approval

2028–2030 Construction & Delivery

- **2027/28 onwards**
  Construction Delivery
- **Throughout 2028–2030**
  Non-Structural Measures





Further Kōrero Pātai?

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