


HAWKES BAY
REGIONAL COUNCIL
TE KAUNIHERA Ā-ROHE O TE MATAU-A-MĀUI

IRP
Infrastructure
Resilience Programme
NGĀ MAHI TŪROA

Community project update

Pākōwhai Flood Resilience Project

April 2026



Introductions and welcome

James Park, Manager Regional Projects / IPMO Director

Andrew Caseley, Programme Enablement Manager

Richard Jardine, Senior Project Manager

Jacqui Davis, Engagement Team Leader

Kim Thomas, Engagement Advisor

This meeting will cover:

- Project purpose
- Stopbank alignment and structures
- Flood modelling comparison
- Construction timeline
- Construction oversight
- Project contractor– Hick Bros
- 2C recategorisation timeline

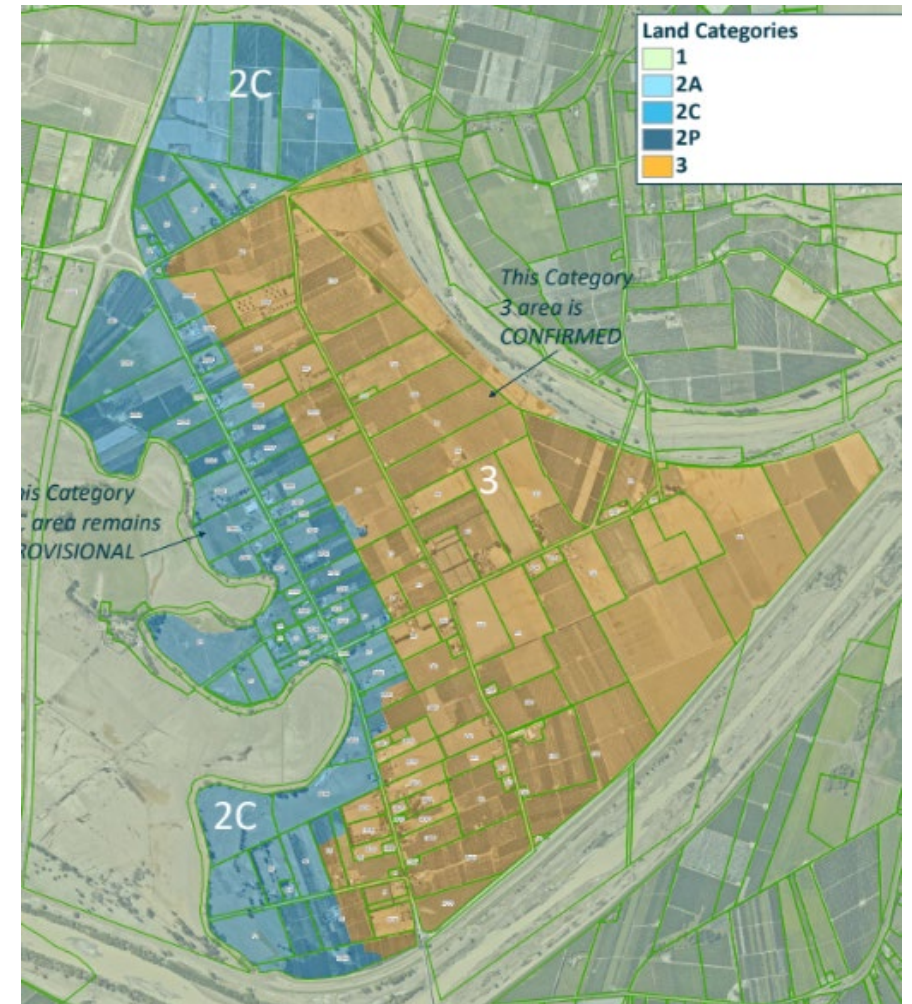
There will then be a Q&A session followed by refreshments.

Project purpose

Build community-level flood resilience assets for the Category 2C area.

This will:

- enable the recategorisation of the Category 2C properties
- provide residential areas and infrastructure with resilience of a minimum 1% AEP event
- provide additional evacuation time in an over-design event on the Ngaruroro and Tūtaekurī Rivers



The stopbank alignment and structures

The 8.5 km network will run from the Ngaruroro River to Napier Golf course and includes:

- Traditional stopbanks
- Flood walls
- Spillway
- 500m realignment of the Tūtaekuri-Waimate Stream

It has been split into Separable Portions for construction so we can begin work in stages, as seasons allow.

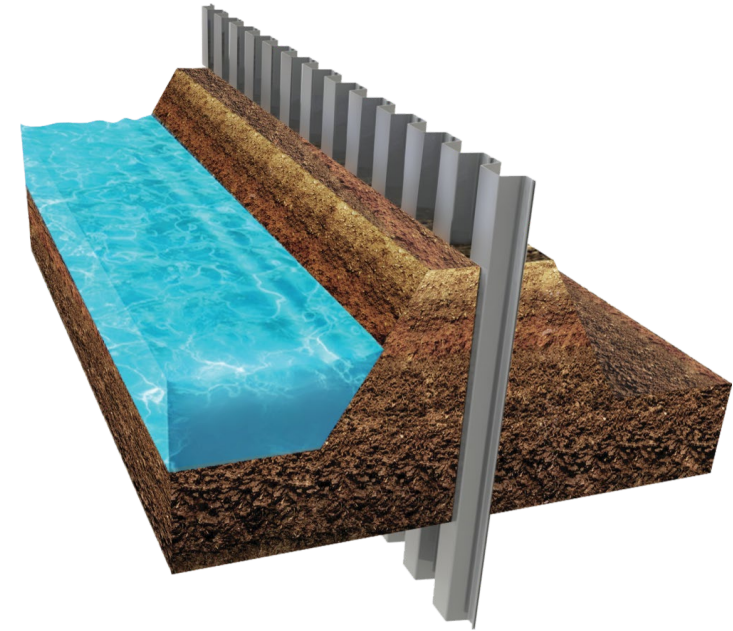


Stream realignment



Realigning the stream behind Pākōwhai Hall (red line).

Flood walls



Where space is constrained, we're building flood walls made of sheet piles/steel panels.

Proposed spillway design



Elsthorpe Spillway (note: indicative image only)

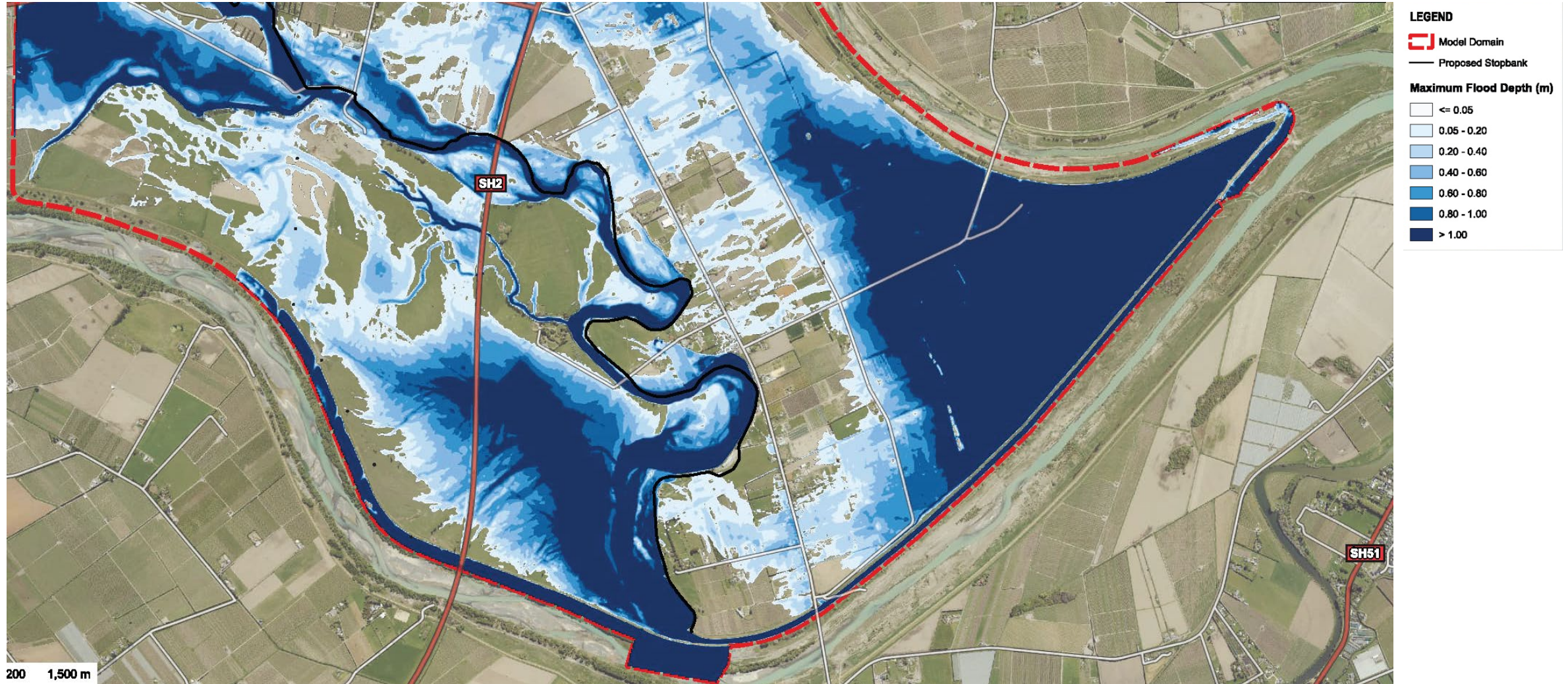
A key recommendation from the Hawke's Bay Independent Flood Review was for secondary systems to help direct floodwater to areas where it causes the least harm to communities.

How it works in an overdesign event (catchment river inflow of 200m³/s)

Firstly, there will be increased ponding on the western side of the stopbank.

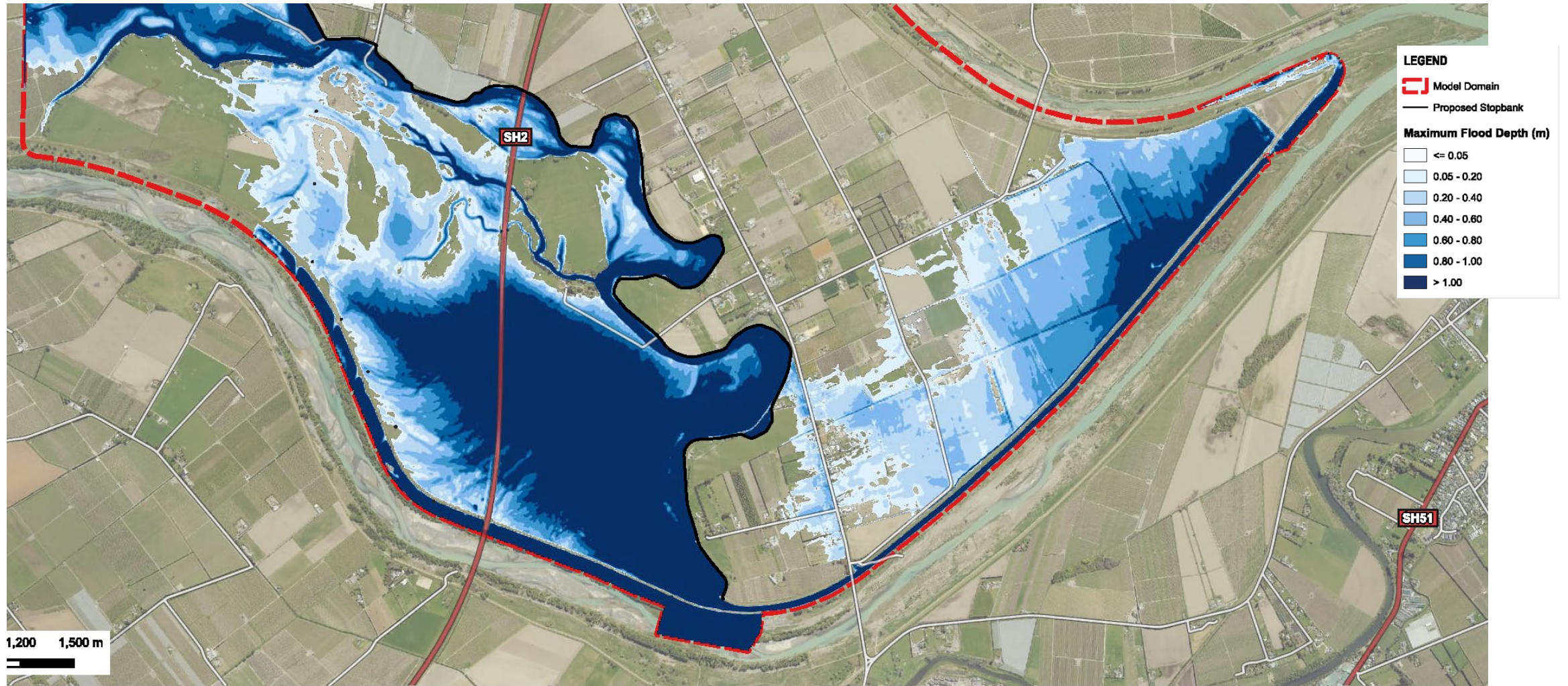
Once this reaches its maximum capacity, then the spillway will activate and channel excess flood water toward the confluence of the Ngaruroro and Tūtaekurī Rivers.

Flood model – without the project



200 m³/s inflow

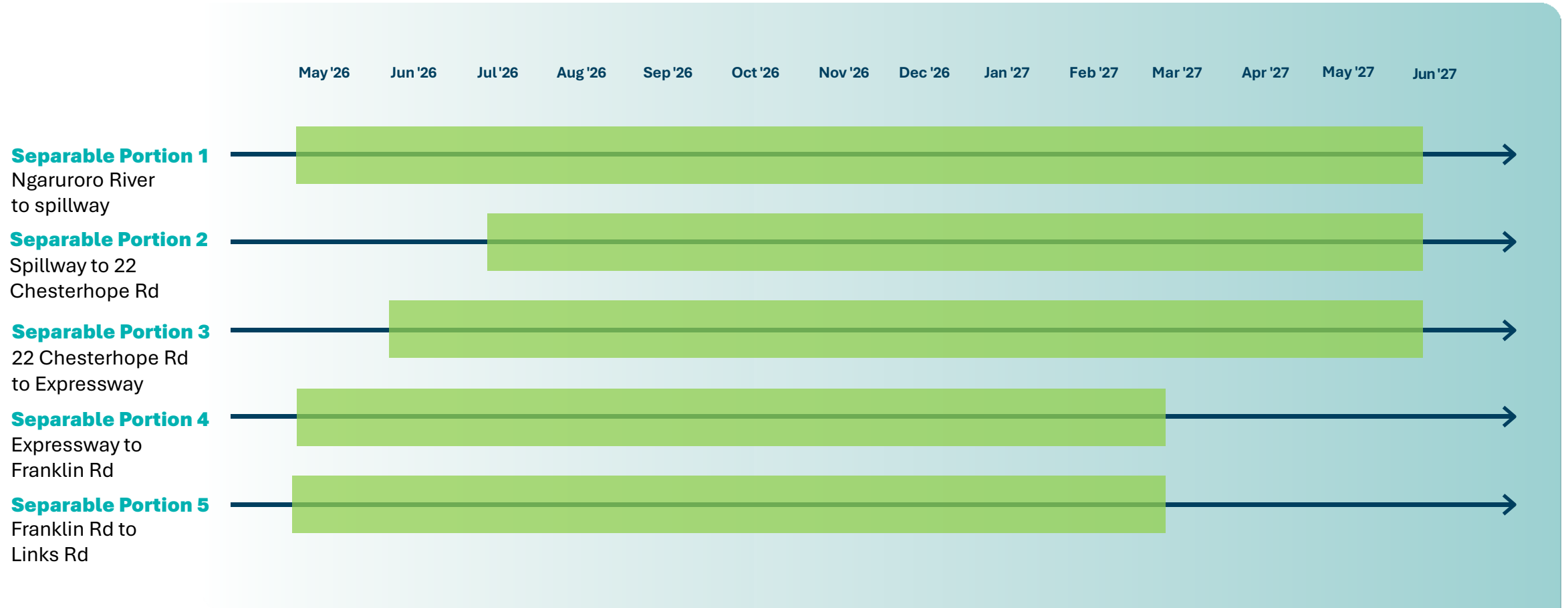
Flood models - with project



200 m³/s inflow

Construction timeline

Please note dates are indicative and subject to change



Project contractor, Hick Bros

Hick Bros has been chosen to build both the North and South ends of the project.

Hick Bros was founded in Silverdale, North Shore, Auckland back in 1986 and they have both an Auckland and Hawke's Bay office.

They're a leading specialist in earthmoving, soil engineering, and civil construction.

Some notable regional projects include: Iona and Mission Hills subdivisions, Harapaki windfarm, HDC and NZTA Cyclone recovery works.



Construction oversight

Construction work is planned, coordinated, monitored through:

- Resource Consent conditions
- Stakeholder Advisory Group
- Construction contract
- Construction Environmental Management Plan (CEMP) includes:
 - Dust management plan
 - Noise and vibration management plan
 - Traffic management plan
 - Contaminated land management plan
 - Site safety management plan
 - Ecology management plan
 - Sediment and erosion control management plan.

Working hours

- Standard construction hours are Monday to Saturday, 7:00am to 6:00pm, and Sunday and public holidays, 8:00am to 5:00pm
- Access to and from site will occur prior to and after these hours.

Category shift:

Requirements for Category 2C lift

Category 2C will be removed on confirmation that:		
A sound concept that has a consenting pathway; and	A legal interest in favour of HBRC in the relevant land; and	Allocated and released funding

Stay informed

Go to hbrc.govt.nz and search #Pakowhai for:

- Latest updates
- Project team and contact information
- Previous newsletters
- Frequently Asked Questions (FAQs)



Need help?

project.enquiries@hbrc.govt.nz



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