

Te Ara Tupua

Ngā Ūranga ki Pito-one Ngauranga to Petone

Background

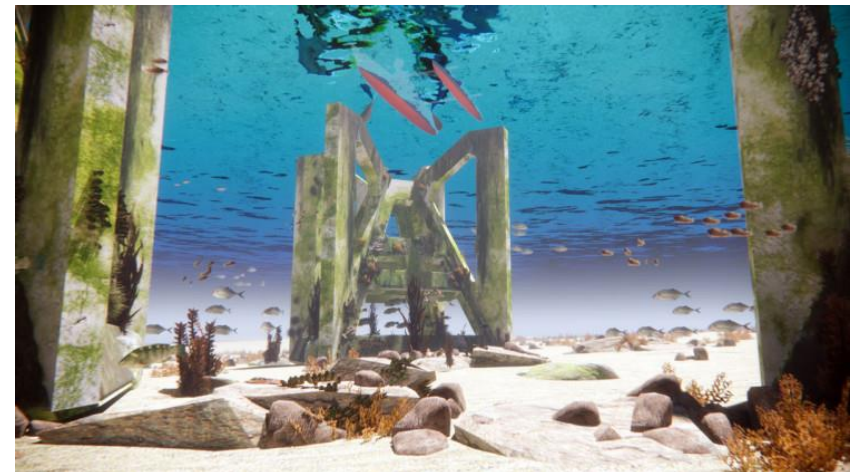
- Ngā Ūranga ki Pito-One section major walking and cycling link – pivotal to enabling transport choice between Wellington and Lower Hutt, and increased resilience to the road and rail.
- To deliver this project, NZTA Waka Kotahi is partnering with iwi who hold mana whenua around Te Whanganui-a-Tara, Taranaki Whānui ki te Upoko o te Ika and Ngāti Toa Rangatira.
- Other partners include Hutt City Council, Wellington City Council, Greater Wellington Regional Council and KiwiRail.
- The Te Ara Tupua Alliance is made up of NZTA Waka Kotahi, Downer, HEB Construction and Tonkin+Taylor.



Ngā Ūranga ki Pito-One
Harbour-side shared path to complete the missing link from Ngauranga Interchange to Petone Station.

Key project elements

- 4.5 km of walking and cycling path
- 3.5 km resilient coastal section on Te Whanganui-a-Tara with new concrete embankments, rock embankments, and vertical seawalls. The seawalls will reduce the 'footprint' of the path in sensitive ecological areas.
- Two offshore habitats, small rock outcrops providing space for birds.
- 54 engineered concrete pyramid reef enhancement units to restore and protect ecosystems in the harbour.
- Coastal sections includes space for planting, cultural art, and ūranga - areas for people to gather, rest, sit and enjoy the views.
- New bridge to safely cross the railway line at Ngā Ūranga to access shared path.



Construction Update

- 1,698 XBlocPlus units installed out of 6,634 units.
- 4 out of 8 bridge pile foundations poured in Ngauranga.
- Currently working across 4 work fronts in both directions, using temporary wharfs to transport machinery and materials.
- First stage of vertical seawall construction has commenced near Karanga landing and nearing completion on the northern end of the project closest to Pito-One.



Examples of of ūranga areas



Examples of of ūranga areas



Mana Whenua Partnership

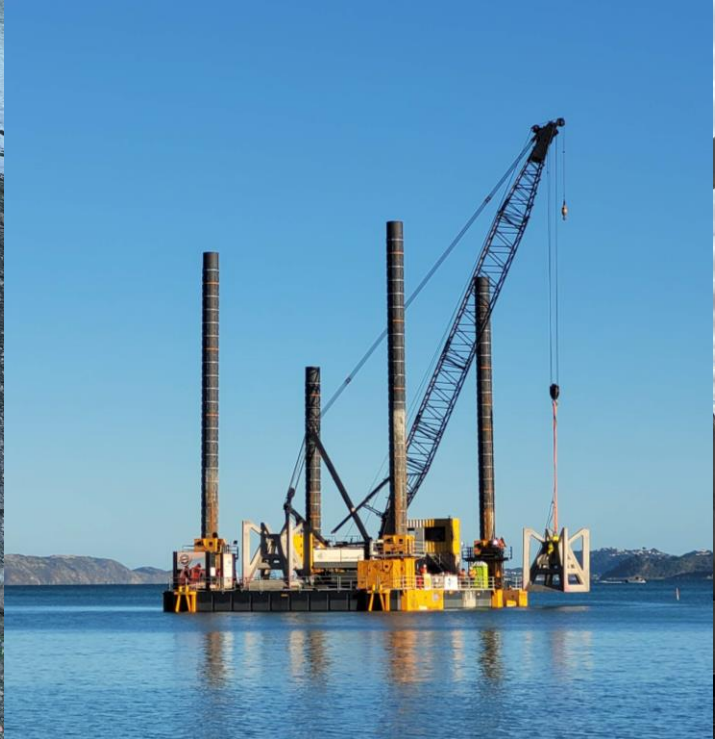
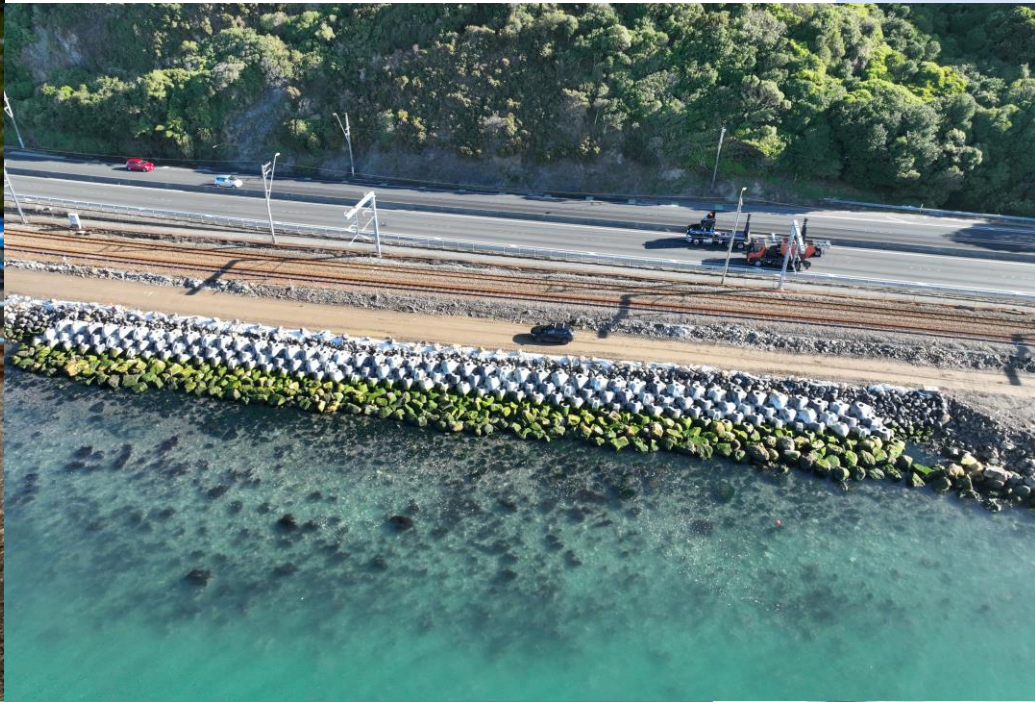
- A Mana Whenua Steering Group was formed with representatives from Taranaki Whānui and Ngati Toa alongside NZTA Waka Kotahi.
- Cultural design and narrative incorporated into the project.
- The project name was gifted the name Te Ara Tupua by Kura Moeahu.
- Cultural narrative based on creation story of Te Whanganui a Tara – the story of Ngāke and Whātaimai. Iwi history of chiefs Honiana Te Puni, and Te Wharepouri.
- Cultural pou and art designed by Len Hetet.
- Revitalisation of Honiana Te Puni Reserve, land that was returned to Taranaki Whānui ki te Upoko o te Ika (Port Nicholson Block Settlement Trust) as part of their Treaty settlement, and is managed by Hutt City Council.
- Opening of the Tāwharau Pods; which includes the Project Information Centre and Iwi carving studio.
- Opening of Waimarino; the new purpose-built building accommodating Wellington Rowing and Water ski Clubs.



Innovation and keeping the public moving

- Constuction in a live rail corridor brings an added layer of complexity and it has been essential for Te Ara Tupua to utilise digital engineering solutions to reduce the impact on the public while enabling project productivity.
- The Digital Shield technology transforms safety requirements from a real-world environment to a digital landscape to map out areas to keep everyone safe whether they are commuting on the train or part of our teams on the ground working near the live rail tracks.
- Using GPS location technology, the shield prevents machinery such as an excavator from crossing over into on-site hazards while protecting drivers from overhead powerlines and passing trains.





Thank You

Project Manager - Michael Siazon
Michael.siazon@te-ara-tupua.co.nz

Owner Interface Manager - Harry Singh
Harry.singh@te-ara-tupua.co.nz

Lead Communications Advisor – Lisa Lee
Lisa.lee@te-ara-tupua.co.nz