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The Bulletin Kaikōura earthquake update

Cultural artwork to spark curiosity



A Cultural Artwork presentation led by Te Rūnanga o Kaikōura, in partnership with NCTIR, was recently held at the Takahanga Marae.

Maurice Manawatu gave an in-depth overview of the development of the artwork package that is being installed along the coastline to around 40 people from the Kaikōura community.

'It's a real privilege to tell the story of the partnership to the locals and I was wrapped with the turn out, but also wrapped that the people that came were genuinely interested in the artwork,' Maurice said.

In November 2018, NCTIR and the Cultural Advisory Group held a cultural design hui to discuss stories of cultural significance that could be told along the coastline.

There the Cultural Artworks Package evolved from just four pouwhenua (carved pillars) into an extensive range of artwork designs reflecting the cultural significance of the coastline for installation on rail tunnel shelters and at Safe Stopping Areas. The package includes water-blasted murals, laser cut corten steel, concrete pouwhenua and information panels.

'Everything has been done for a reason and the reason is whakapapa and connection. Reason, connection and whakapapa takes it from a mural or a carving to an art piece, it creates a life force and gives Mana and meaning. This is what makes our coastline unique,' said Maurice.

NCTIR's design team worked with creative studio, Ariki Creative, to develop the designs and sign studio Art Fetiche has begun water-blasting murals in place.

The four originally planned pouwhenua each represent a local ancestor and will be installed in the coming months, cast with weather resistant concrete from carvings made by Master Carvers Riki Manuel and Fayne Robinson.

Maurice said he hopes the end product will inspire curiosity and encourage more people to investigate the history and culture of Kaikōura. 'It's been probably a year and a half of working together with NCTIR on this project, it's been a really good journey and it is exciting that we're getting there.'



Maurice Manawatu presenting the Cultural Artwork Package



Work is progressing on the compass mural at Te Ana Pōuri Safe Stopping Area

Final Safe Stopping Area opens



Construction on the last formal Safe Stopping Area of the project finished this month, with parking opened to the public at Paparoa Point on 15 July.



Paparoa Point Safe Stopping Area



Parking has opened at Paparoa Point Safe Stopping Area

Hydroseeding at Ōhau Point



Motorists north of Kaikōura may have spotted a helicopter dropping hydroseed around Ōhau Point this month. A team from Red Tree Environmental Solutions has overseen the safe helicopter distribution of an 'enviroblanket' around the base of Slip 6 in the high-risk rockfall zone behind the mesh fences. This enviroblanket is a mixture of compost, fertiliser and locally sourced native seeds that will help to further stabilise the embankment and reduce the potential for soil erosion and storm water runoff.

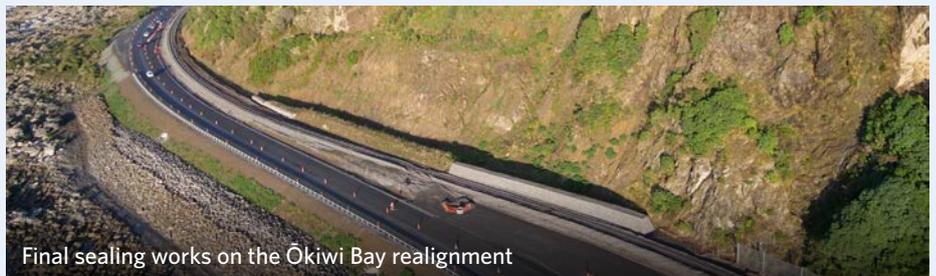


Helicopter dropping an 'enviroblanket' at Ōhau Point

Ōkiwi Bay realignment wraps up



After a string of recent weather setbacks, the team at Ōkiwi Bay were pleased to lay the final layer of seal on the site in late June, completing the project to realign the road and rail in 13 months.



Final sealing works on the Ōkiwi Bay realignment



The Ōkiwi Bay paving team

Canopy closure times



The first stage of permanent rockfall protection is now underway at a rockfall-prone corner between Peketa and the Parititahi Tunnels south of Kaikōura. This initial work has identified the need for additional rock anchoring to stabilise the fractured rock face, requiring two weeks of day closures for SH1, finishing mid-August.

These two weeks will follow the same schedule as the current day closures, Monday - Friday, between 9am-5pm, with up to 35 minute delays and regular openings to let traffic pass.

Night closures are expected to be in place from mid-August with several openings to allow traffic to pass.

More details will be provided closer to the time.



Grinding the rock edge in preparation for the canopy protection



A visualisation of the completed canopy, rockfall mesh and aggregate barrier

Paving the way to Paparoa Point



Work is underway south of Paparoa Point to replace a 380-metre section of road pavement on the seaward side that slipped as a result of earthquake damage. Once the section has been rebuilt, crew will stabilise the area with a rock revetment. This will help absorb the energy of incoming waves and support the road embankment. A small section of Telco duct will also be installed while work is underway here. One-lane traffic management is in place around this site, with work expected to wrap up in September.



Replacing a section of damaged pavement south of Paparoa Point

24/7 works at the racecourse



Over the next 3-4 weeks, work on the racecourse road reconstruction is shifting up a notch. Crew will be working around the clock to install a 240-metre temporary bund (or 'preload') alongside the top of the northbound lane. The weight of the 2-metre high preload will allow the land beneath to settle in preparation for the construction of a new lane. The preload will be removed in September, with the overall project expected to wrap up in December.



Artist's impression of the temporary bund, or 'preload'

School visits Waiau Bridge worksite



A curious group of pupils and teachers from Waiau School recently visited the Waiau Bridge to learn about NCTIR's restoration work.

The traffic team held motorists long enough to allow the children to walk the length of the 560-metre bridge all the way to the Rotherham end.

NCTIR Project Manager Dean Ewen and Site Engineer Jordan Smith showed the group around the site while all the machinery was turned off, and answered many excited questions about the cranes.

The children were intrigued by the Meccano-like sections forming the bridge, and the way that the temporary Bailey bridge had held up the bridge deck while crew constructed a new pier.

The Waiau Bridge team received a very welcome delivery of home-baking the following day as a thank you from students who enjoyed their visit.

Work on the Waiau Bridge is wrapping up, with the temporary Bailey bridge removed, and plans for a final closure to seal the area.

If you would like to receive email updates on this work, email us at info@nctir.com or call us on **0800 628 4737**.



NCTIR engineers explaining the work at the Waiau Bridge



Waiau School visiting NCTIR works on local bridge

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This Bulletin provides the latest information about the rebuild of road and rail networks damaged by the Kaikōura earthquake in November 2016. The Bulletin is produced by the North Canterbury Transport Infrastructure Recovery (NCTIR) – an alliance representing the NZ Transport Agency and KiwiRail, on behalf of Government.