



Whirokino Trestle and Manawatū River Bridge replacement

CONSTRUCTION UPDATE

October 2018



BRIDGE CONSTRUCTION

Bored piling for both the Whirokino Trestle Bridge and the new Manawatū River Bridge is complete.

Cross-head construction and bridge beam placement for the trestle bridge has also been completed. The 250 tonne crane has left site and a smaller 25 tonne mobile crane will arrive to start placing the concrete side barriers.

Manawatū River Bridge beams are scheduled to be placed early in 2019 using a 400 tonne crane (one of the largest cranes in New Zealand). The large crane will lift the beams into place from each side of the riverbank.

Over the next two months we'll continue the concrete pours for the trestle bridge deck (34 sections in total), place side barriers and prepare for pavement works.

EARTHWORKS

Dumpers continue to use the temporary staging bridge to cross the Manawatū River. We're currently moving earth to the northern end of the job to fill the approach to the trestle bridge and build up the ground to the existing road level. This will be completed by mid-November.

We'll then begin tie-in works at each end of the project, where the new embankment joins the existing State Highway 1. There'll be temporary traffic management on State Highway 1 during the tie-in works.

CULVERT WORKS

We're constructing 10 large box culverts (4.5 x 4.5metres) which includes an agricultural underpass to allow farming access and cattle passage through the embankment. The culverts act as an emergency floodwater flow path. This means if the existing stop banks were to breach due to stop bank failure (or over-topping in extreme flood events), the water would still be able to pass east to west through the embankment culverts.

TRAFFIC MANAGEMENT

Things are getting busy out there, which can cause distractions for passing motorists. Please pay extra attention, stick to the speed limit and observe any traffic management that may be in place.

HOW WE'RE TRACKING

Works are progressing well and we're still on target for project completion in early 2020.



MORE INFORMATION

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