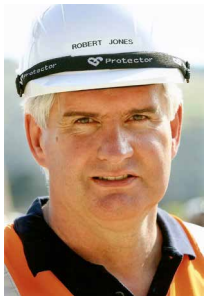


Ara Tūhono Pūhoi to Warkworth

An NZ Transport Agency PPP Project



Structures

Winter has settled in and our earthworks teams are winding down, but our structures team are still busy, no matter what the weather. Seven structures are being built across the project site including three bridges to connect various parts of the network:

- Te Arawhiti ki Ōkahu (the bridge at Ōkahu)
- Te Arawhiti ki Pūhoi (the bridge at Pūhoi)
- Te Arawhiti Pua Ngahere (the bridge at the Kauri eco viaduct)

Te Arawhiti ki Ōkahu is a 346m long steel girder bridge and will be the first viaduct motorists experience as they head north through the tunnels on the new road. As the longest bridge on the project, it will be the most challenging to build, and equivalent to driving across about three rugby fields.

Te Arawhiti ki Pūhoi is a 330m steel girder bridge spanning Pūhoi Road and Pūhoi River. It will be the second most challenging structure to build as the area involves working with soft soils. The team will also face the challenges of maintaining access to the river and working around Pūhoi Road.

Te Arawhiti Pua Ngahere is a 75m long, 27m wide three-span bridge that will take the motorway over the Mahurangi River. The superstructure consists of precast concrete super-T beams on 900mm diameter columns.

Other structures include single span bridges at Watson Road, Woodcocks Road and the Mahurangi River, and one single span local road over-bridge (Moir Hill Road).

Work on the bridges started in December 2017 and will be completed in October 2020.

Ngā mihi,
Robert

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