

CONSTRUCTION UPDATE

APRIL 2018

GONE IN TWO WEEKENDS

As part of the Lincoln to Westgate Upgrade, new bridges are being constructed at both Royal and Huruheru roads to bring the aging infrastructure up to today's standards. The designs include improved shared paths for cyclists and pedestrians, increased height clearance from the motorway and wider lanes for traffic.

Both Royal Road Bridge and Huruheru Road Bridge had to remain open to traffic at all times. To achieve this we constructed half of the new structures for the bridges alongside the old. The old structures were demolished after traffic was moved to the new bridge structures.

Planning for the demolition of the existing bridges began more than 8 months before with a number of milestones being achieved to successfully move traffic over to the newly built spans alongside the old bridge structures.

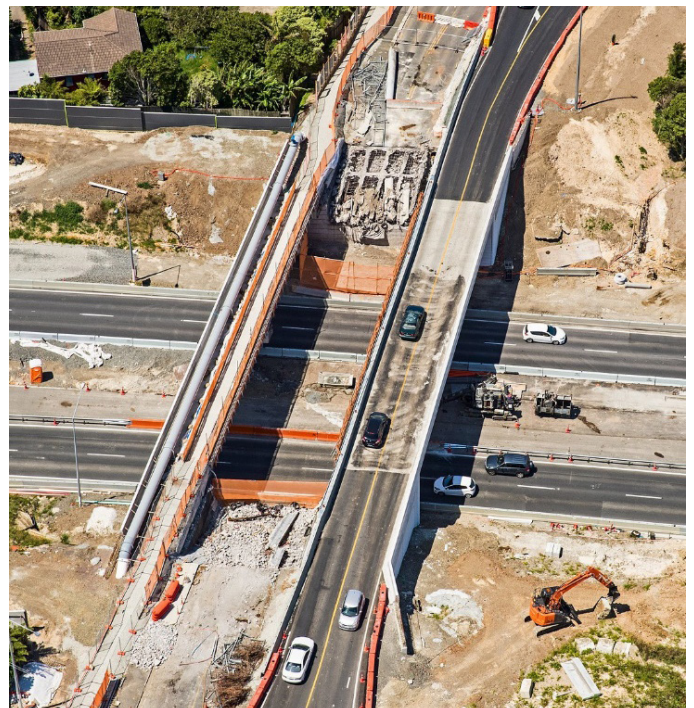
Demolition of the old structures was planned for 3 weekends but progressed ahead of schedule meaning that the third weekend was not required.

Work is now underway to build the remaining spans of both bridges and we plan to have both bridges completed and operating by the end of the year.

We would like to thank all our neighbours for their patience and support especially during the demolition works.



Huruheru Bridge after demolition works with part of the new bridge open to traffic.



Royal Road Bridge after demolition works showing traffic on part of the new bridge and the new watermain and footpath on the other side.



The hydraulic jaws munching Huruheru Bridge.



Removing the old watermain on Royal Road Bridge.

BRIDGE CLOSURES

Royal Road Bridge will be closed to traffic overnight Tuesday 17 and Wednesday 18 April to enable new bridge spans to be put into place using a crane. The motorway will also be closed on these nights and detours will be in place.

Royal Road Bridge will also be closed 7pm Saturday 19 May to 7am Sunday 20 May while we pour concrete to 'stitch' the two sides of the new bridge together. The concrete requires 12 hours to cure and the bridge will be closed to vehicles for this period. There will be pedestrian access across the bridge.

Huruhuru Road Bridge will be closed from 7pm Saturday 5 May to 7am Sunday 6 May while we pour concrete to stitch the two sides of the new bridge together. The bridge will be closed for 12 hours to enable the concrete to cure. There will be pedestrian access across the bridge.

These dates may change and we will let you know if new dates are required.

PLANNED WORK COMING UP

With the removal of the temporary barriers in the median of the motorway, traffic has been shifted towards the median to allow the team to construct the retaining walls and continue the construction of the remaining noise walls that will border this stretch of the motorway.

Work continues on both Royal and Huruhuru Road Bridges with the construction of the remaining bridge spans. Services such as water, power and telecommunications will then be installed on the two bridges and completed by the end of the year.

The team will continue to build the foundations of Lincoln #1 Bridge which will replace the northbound bridge over Huruhuru Creek as part of the extension of the Lincoln Road northbound on-ramp.

MEET ONE OF THE TEAM

Sumith Kumarasinghe

What is your role on the project?

I'm a Site Engineer working with the team that is building structures such as Royal Road Bridge as well as retaining walls. I provide technical support to the

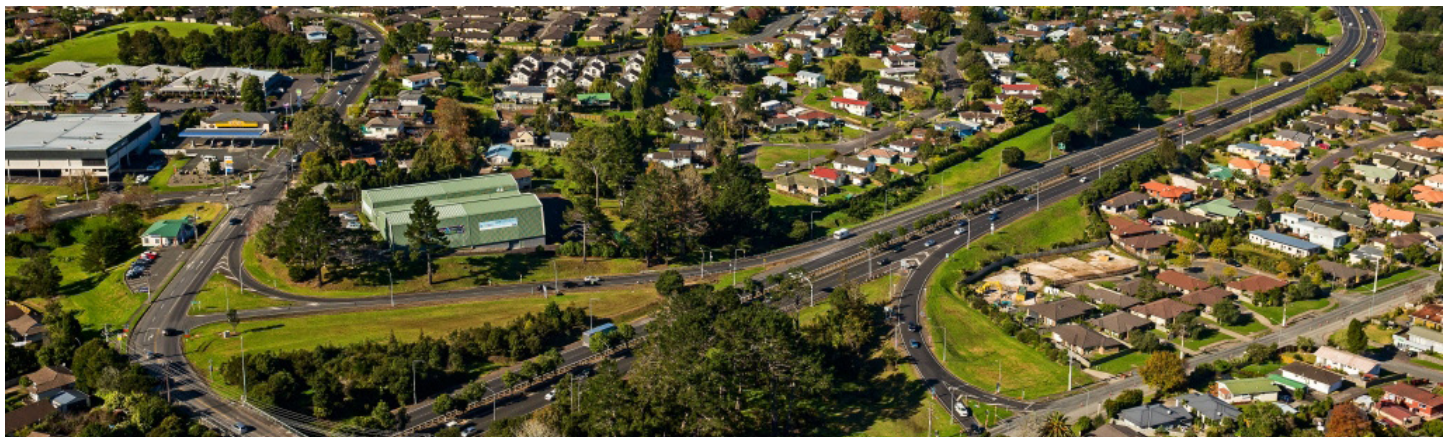
crew and manage day-to-day construction activities, ensuring we comply with health, safety and quality standards.

How did you come to be in this role?

I studied Civil/Structural Engineering at Peradeniya University in Sri Lanka. Before coming to New Zealand I worked on projects in both Sri Lanka and Singapore. My first project in New Zealand was working for the Stronger Christchurch Infrastructure Rebuild (SCIRT) after which I joined the team here on the Lincoln to Westgate Upgrade.

Please complete the sentence: you might be surprised to know...

I enjoy running and actually use a shortened version of my name. My full name has 64 letters in it.



PROJECT CONTACTS

Please contact Sheila Herrick at sheila.herrick@downer.co.nz or 022 687 0391. Keep up with progress at: www.nzta.govt.nz/projects/the-western-ring-route/sh16-lincoln-to-westgate/