

Week of 26th February 2018

Over the weekend the project reached a key milestone in the construction programme with the installation of the bridge beams.

Thank you to all those affected by the works over the weekend, including by the early morning start times, the disruption on the roads during the movement of the crane and the delivery of the beams, and the safety beeper on the cherry picker.

The weather was perfect for the heavy crane lifts and the work was completed as planned - although there were some very tired guys on Sunday night after two long days working in that heat.

The next step for the bridge is the mechanical connection of the eight independent beams. This will be

done during the next rail shutdown on 10/11th March. We will provide more details of these works in next week's update.

With the bridge beams in place we can now move on to the next stages of the project. We will focus now on two main areas:

1. to complete the bridge approach works. This involves finishing off the concrete work at either end of the bridge, and the completion of both the eastern and western abutments to their finished heights and position; and
2. to start work on the 150 metre-long retaining wall along the new length of Laxon Terrace (at the top of the treeline of Newmarket Park). The last of the vegetation and tree clearance works were completed last week. Excavation

for the retaining wall will start this week. This wall will be built with Stone Strong blocks, similar in shape and size to those used for the abutments, with a small diameter retention pile below.

Even though the bridge beams are now in place, it is still not structurally capable of taking vehicles. However, it does provide walking access for the project team. Hopefully this will reduce the number of vehicles which are required to access the site via Cowie Street, and reduce some of the congestion and parking issues we have had over the last few weeks.

Thanks again to the residents of Cowie Street for your patience, especially over the last few weeks when we have had a large number of vehicles coming and going.



Reversing into the site from Laxon Terrace



Craning into position of one of the beams



In the coming week, the planned works include:

Monday 26th–Saturday 3rd

COWIE STREET

- Reinforcing Steel delivery;
- Concrete trucks and pumps;
- Hiab deliveries of materials.

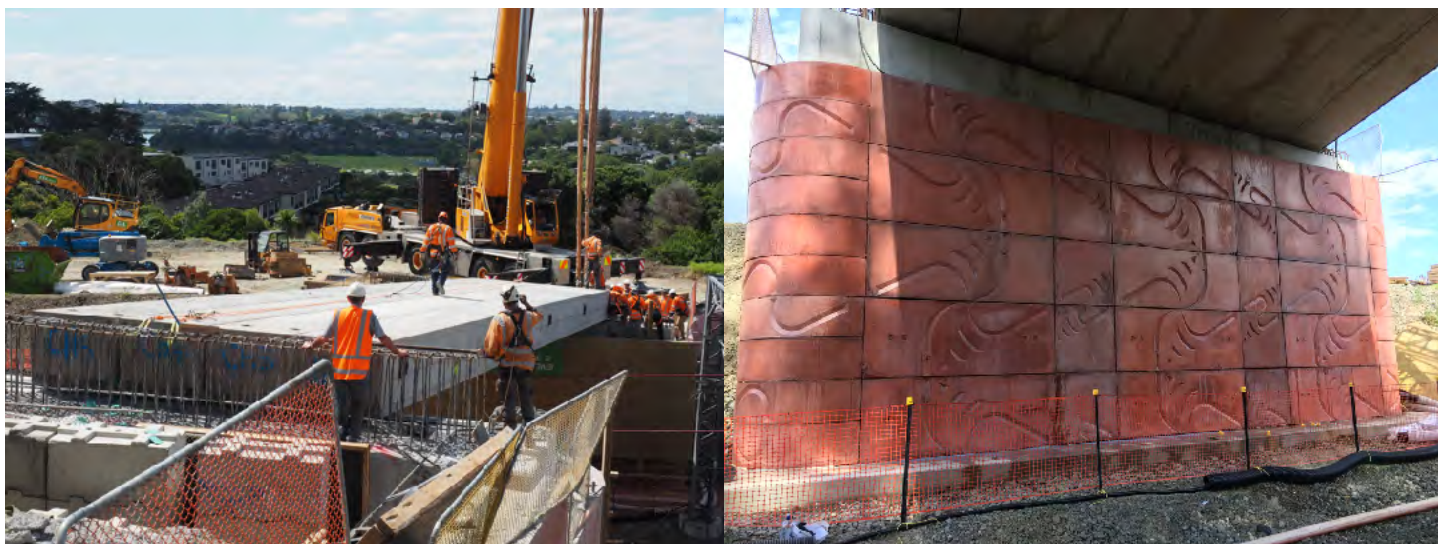
SARAWIA STREET & LAXON TERRACE

- Spoil removal;
- Aggregate delivery;
- Reinforcing steel delivery;
- Concrete trucks and pumps;
- Delivery of large excavator;

- Possibility of Stone Strong block deliveries towards the end of the week.



Final positioning of one of the beams



Four down, four to go

Eastern Abutment with the hoarding removed and graffiti-guard applied

A four page pdf with more photos of the beam placement taken on Saturday 24th February 2018 is available on request from Dr Peter Phillips, Contractor Stakeholder Manager. Email: peter@dialogue.co.nz