

Work Notice:

Date: 22 March 2019

Stage two - new cable through the Lyttelton Road Tunnel

What	New cable through the Lyttelton Road Tunnel
Where	Lyttelton, Corsair Bay and Cass Bay
When	31 March for around four weeks

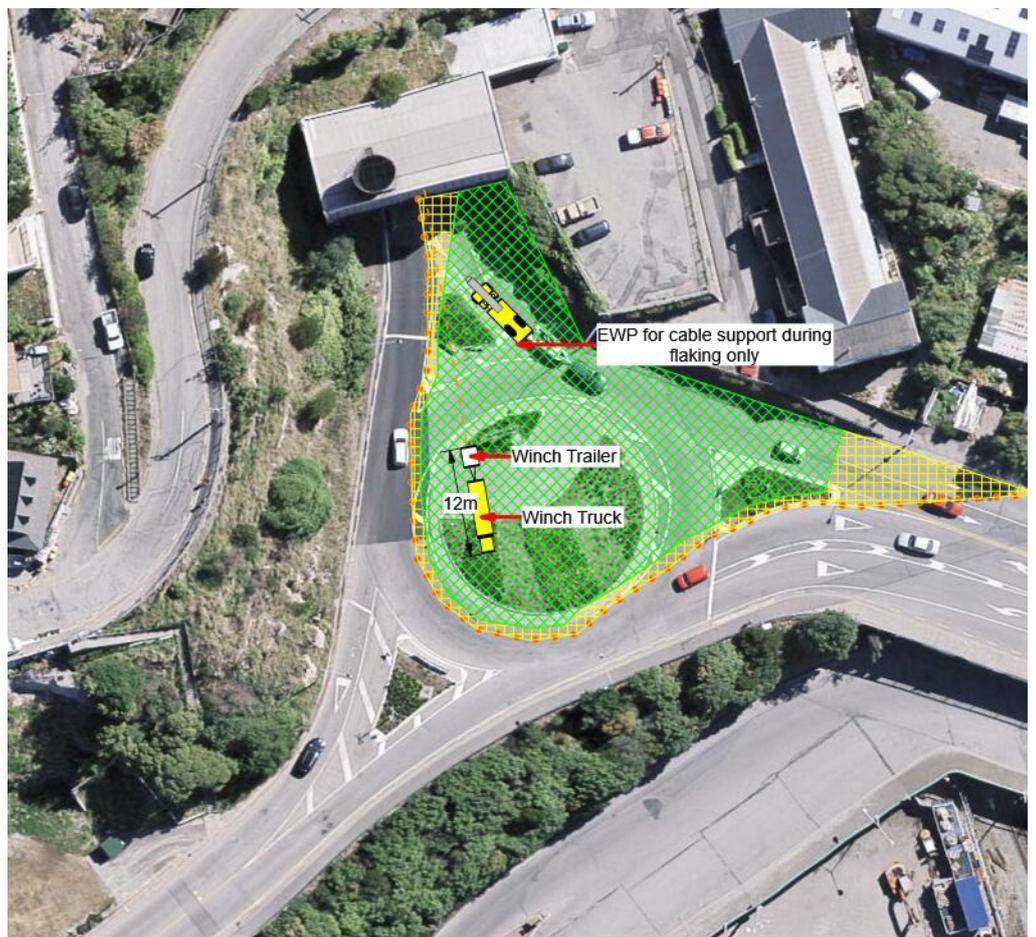
What are we doing?

Orion will put a new 11kV electricity cable through the Lyttelton Road Tunnel to improve the reliability of electricity supply to the Lyttelton community.

The work will take around four weeks starting on Sunday 31 March.

The cable is 2.2km and will be pulled downhill from Heathcote, with the help of gravity and a winch based in the roundabout outside the tunnel.

The work will be carried out overnight.



For the first 2 weeks there will be a STOP/GO traffic arrangement for 8 nights (Sunday to Wednesday each week) at the roundabout leading into the tunnel, while the cable is pulled through by a winch that will be situated in the roundabout.

To see how this will affect you please see over.

Orion

How will this affect me?

- The work will be done overnight from 9pm to 5am and will take around four weeks to complete.
- Pulling the cable through the tunnel will take eight nights, over the first two weeks.
- Over the eight nights there will be increased noise from the winch used to pull the cable. The winch will be located in the middle of the roundabout just outside the Lyttelton Road Tunnel, refer to map. We will reduce the noise from the winch as much as possible.
- The tunnel will remain open throughout with a stop/go traffic system for eight nights for the first two weeks (Sunday to Wednesday), from 9pm to 5am each night while we have the winch in the roundabout.
- The winch will be removed when the cable has been pulled through and then the crew will only be working in the tunnel in the ventilation ducts. Normal traffic through the tunnel will resume.
- Our Project Team will be available on site to talk to residents if necessary.

Why are we doing this?

In 2017, Orion began its programme of work to improve the resilience and reliability of the power supply into Lyttelton, Corsair Bay and Cass Bay.

The most recent project was separating the two power lines that ran over the Port Hills from Heathcote into Lyttelton.

We are at the final stage in a major upgrade of power services to Lyttelton. The new cable will supply power concurrently with the existing service lines over the hill, and power can be switched over to either if needed. The new supply provides additional security to the power supply to Lyttelton, Corsair Bay and Cass Bay and will reduce outages.

This project needs to be carried out at night so the tunnel can remain open to traffic while the ventilation system is turned off, that can't be done in the day due to traffic volumes. Personnel are not permitted to enter the ventilation ducts when the ventilation fans are operating.

How can I get more information?

If you would like more information please **call Orion on 0800 363 9898** at any time.

Sign up to receive an email update if things change with this project by emailing **info@oriongroup.co.nz** with the subject line '**Lyttelton project**'.

The Orion logo is displayed in a large, bold, green font at the bottom right of the page.