

Waikura
Linwood-Central-Heathcote Community Board
MINUTES ATTACHMENTS

Date: Friday 21 February 2020
Time: 3pm
Venue: The Board Room, 180 Smith Street,
Linwood

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Lyttelton Harbour Wastewater Project

WP#4 Heathcote Valley Pipeline

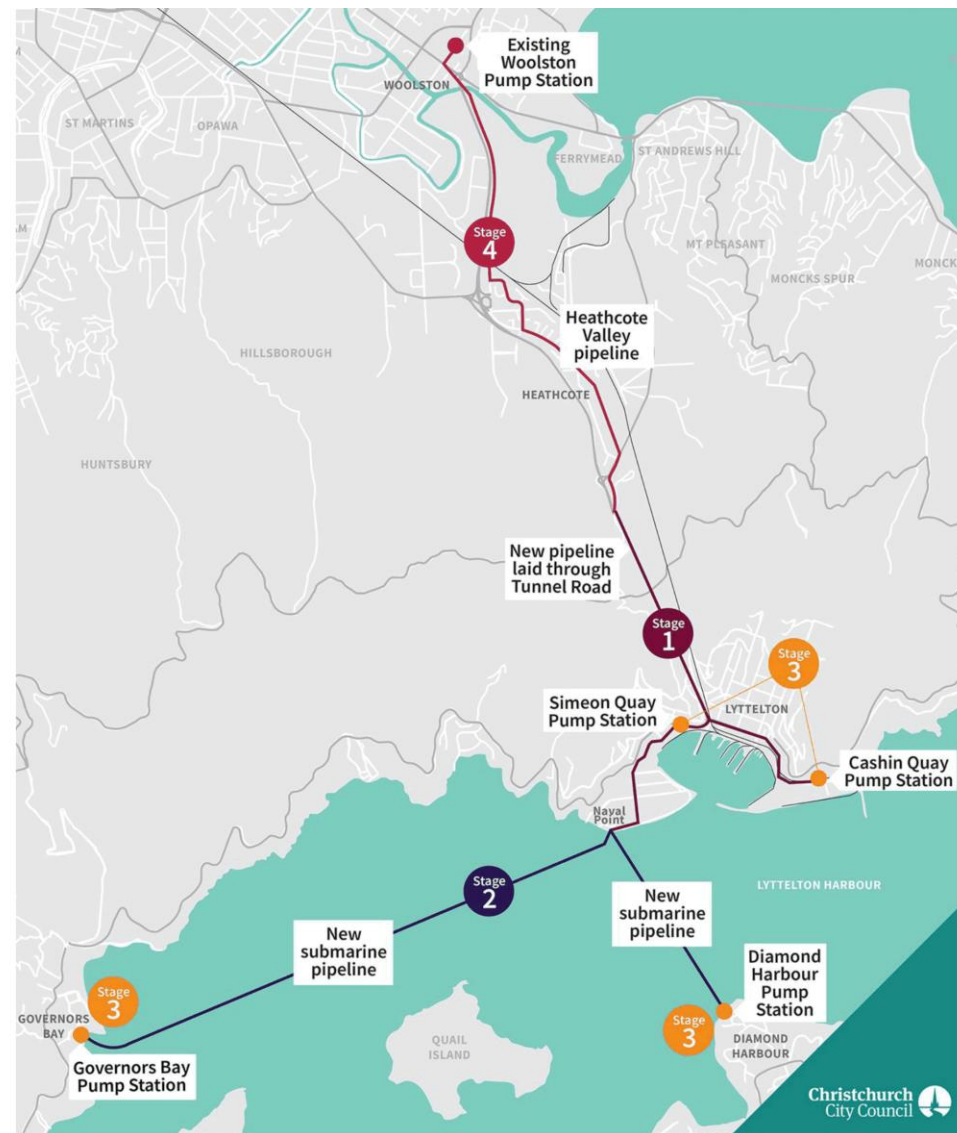
1

Overview

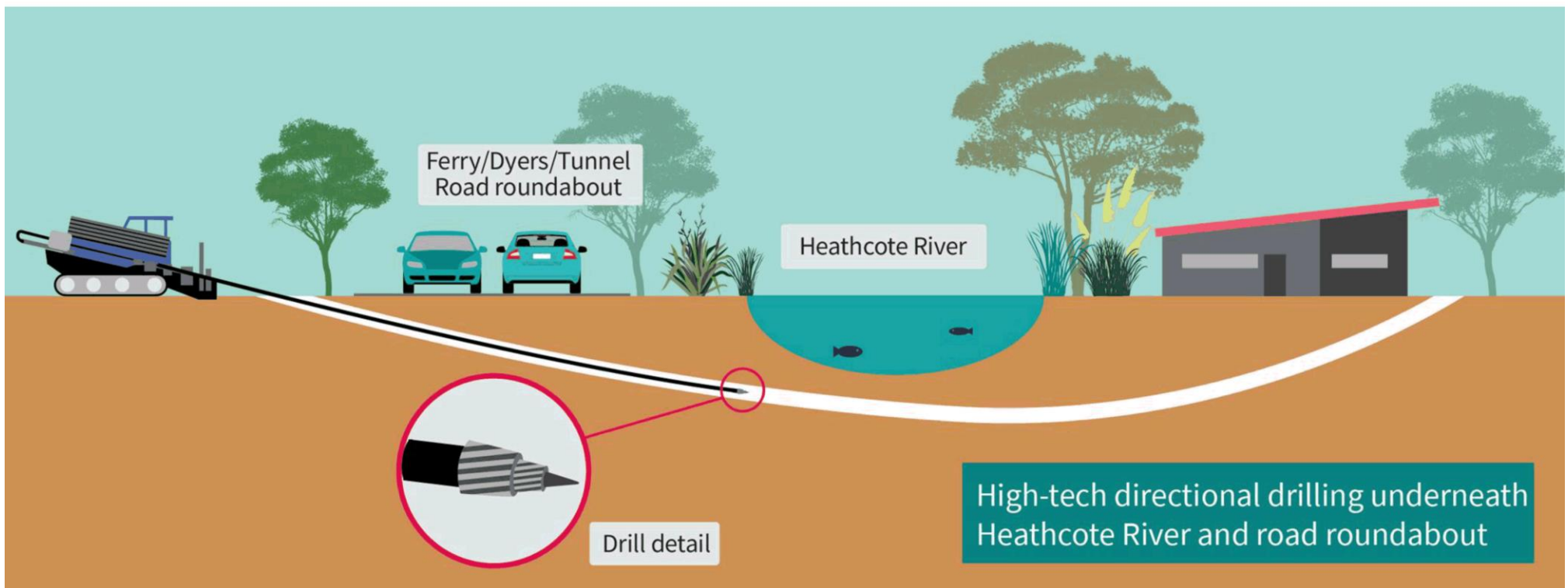
The Lyttelton Harbour wastewater project will connect the harbour's wastewater to the main Christchurch system. To do this, we're building pump stations around Lyttelton Harbour and installing a wastewater pipeline through the Heathcote Valley.

Work on the Heathcote Valley pipeline is at a crucial phase as we are about to install a 535-metre section of wastewater pipeline under the Heathcote River and Ferry Road roundabout using a technique called directional drilling. This will involve closing part of Ferry Road to allow our teams to work safely.

2



Direction Drilling



This drill rig is the only one of its kind in New Zealand capable of doing this work.

Once the hole is drilled, we will close off part of Ferry Road to pull the pipe back through.

Due to the complex nature of the drilling programme, we are looking at a number of different scenarios.



TRAFFIC MANAGEMENT

Traffic Impacts & scenarios

5

Ferry Road closure



6

Ferry Road traffic impacts

- Works scheduled to start at 8pm on Saturday 29 February until 10am Sunday 1 March.
- Works planned for one single 14-hour night shift to minimise disruption.
- Westbound lane of Ferry Road closed between the Ferry Road roundabout and St Johns street.
- Eastbound lane of Ferry Road will be open at all times
- Westbound traffic detoured
- Clear traffic management in place
- Traffic management plans in place to allow residents to access their properties.
- Teams on the ground to show people where to go
- There will be
- Regular traffic updates via the Transport for Christchurch Facebook and Twitter pages

Scenarios

#1	The drill shot is successful and the Ferry Road closure/pipe pull goes ahead on the weekend of 29 Feb – 01 March as planned.
#2	Complications occur during the drill shot and this part of the work is completed late. Ferry Road closure and pipe pull now planned for 3-4 March.

#3	Complications during drill shot result in greater delay. Ferry Road closure and pipe pull now planned for weekend of 6-7 March.
#4	Pipe pull works unable to be completed with the 14 hour window/ Pipe pull takes longer than the planned 14 hours.

Scenarios

Drilling will take 7 days to establish the hole.

If we encounter problems we have reserve dates.

We will understand 3 days prior to the pipe installation if we need to use a reserve day.

We have a communications plan in place for all scenarios and are working closely with CTOC and NZTA to keep people in the loop.

Reserve dates are as follows;

- Tuesday 3rd March 8pm through to Wednesday 4th March 9am, or
- Saturday 7th March 8pm through to Sunday 8th March 9am

Next steps

The Heathcote Valley pipeline is on track to be completed by April 2020.

The entire project is planned for completion and commissioning by November 2020.

We'll be sharing regular updates as the project progresses.

W: ccc.govt.nz/lyttelton-harbour-wastewater-project/

Linwood-Central-Heathcote Community Board, 21 February 2020, Elected Members Information Exchange.

Commercial Signage.

