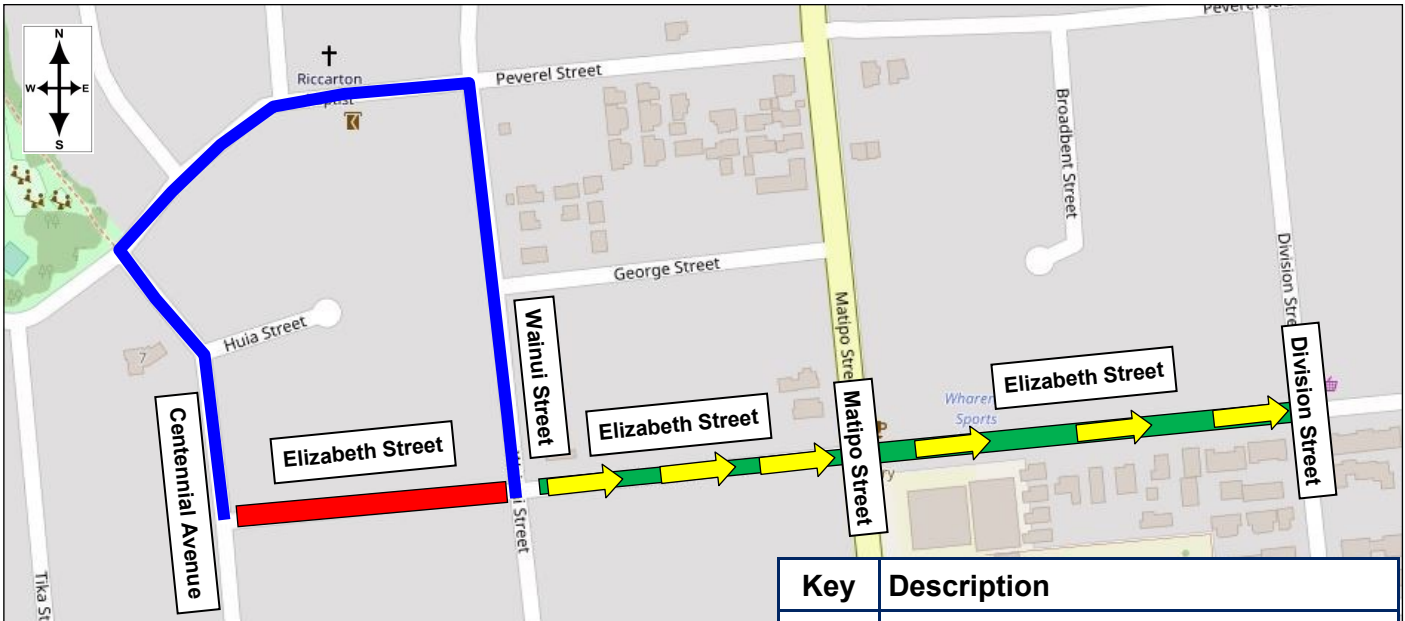


## Work notice: Elizabeth Street pressure wastewater main replacement





<b>What</b>	Installing a new pressure wastewater main
<b>Where</b>	Elizabeth Street, between Wainui Street and Centennial Avenue, Riccarton
<b>When</b>	From Monday 27 March 2017 for about two months

### Where we are working



### What we are doing

- City Care, on behalf of Christchurch City Council, is installing a new pressure wastewater pipe in Elizabeth Street, between Division Street and Centennial Avenue.
- Because the section of road between Wainui Street and Centennial Avenue is narrower, we need to close the road.
- The road closure will be in place from Monday 27 March 2017 for about two months.
- This wastewater main will be installed using directional (trenchless) drilling technology. This will minimise the extent of trenching required, however, excavated pits will be required to expose existing services and at the location of the directional drilling machine.
- We will be using sheet piles at the entry and exit pits (please see information over the page).
- We will try to maintain resident access but there maybe times that you will need to park outside of the work area. Vehicle access to properties will be available at night.

Key	Description
	Road closure starting Monday 27 March 2017
	Current work site
	Current one way on Elizabeth between Wainui Street and Division Street
	Suggested detour route

### Traffic impacts



Road closure on Elizabeth Street, between Wainui Street and Centennial Avenue. Please follow on site signage.



Driveway access to properties maybe restricted during the day. If you need your car please park outside the work area before 7am.

## General Information



We want to stay safe and we want you and your family to be safe too. Please stay alert, drive to the conditions, follow on site signage.



Our standard hours are Monday to Friday 7am to 6pm. Sometimes we will work over the weekend to finish work.



The work may result in increased dust, noise and vibrations. We will try to keep any disruption to a minimum and we apologise for any



All work is subject to favourable weather and on-site construction conditions.



Your rubbish and recycling will not change. Please put your bins in the normal spot by 5pm the night before collection and our crew will move and return them if needed.



Please contact us on **0800 632 889** if you have any access needs e.g. nurse/doctor visits, Meals on Wheels or planned work on your property.

### What is sheet piling?

Sheet piling is a system used to create a temporary wall in a trench. Sheet piles are long sections of steel or metal, that interlock to form a continuous wall. Several sheets link together, creating a barrier between the soil and a trench. This helps keep the trench free of soil and water and ensures the trench is stable.

### How are the sheet piles installed?

The photo below shows the piles are individually picked up by the piling rig and put in the correct location, the interlocking piles are then vibrated or hammered into the ground. The sheet piles are removed when work has been completed in the trench.



The piling rig vibrating the sheets into the ground

### How sheet piling could impact you or your property

Nearby residents may experience ground-borne noise and vibrations during the installation period. The levels of vibrations within the homes are well below the level that can cause damage to homes or properties. Some residents may detect a vibration level in the home that can rattle a window or crockery on shelves. The length of time it takes to complete the sheet piling depends on the size of the trench and the soil conditions.

### Why is sheet piling necessary?

Sheet piling is needed where the ground is soft, wet or when the trench needs to be over four metres deep. Without the use of sheet piling the trench would need to be very wide in order to stop the ground collapsing back into the trench and would be extremely dangerous for workers as the walls of the trench would be unstable.



Talk to us on 0800 632 889



Contact us at [civil@citycare.co.nz](mailto:civil@citycare.co.nz)