

Land Drainage Recovery Programme

Reducing the risk of flooding throughout Christchurch City

St Albans Creek Work Notice

Slater Street Update

1 May 2018

What we are doing

Over the past few weeks our worksite on Slater Street has looked very empty as we worked behind houses from Slater Street to Stapletons Road. We will reopen Stapletons Road to two way traffic next week. **Slater Street remains closed to vehicles** in preparation for work to join together the creek and the culvert.

Week of Monday 7 May 2018

You will notice machinery and a pump move into the road as we prepare to complete the tie in between the creek and the culvert.

Week of Monday 14 May 2018

For this section of wall we are using sheet piling to hold up the banks and provide a safe work space for our crew. You will probably be familiar with sheet piling from the installation of the culvert, but if you are new to the area please see the information overleaf. Once we have installed the sheet piles and pumped out the water we will complete the timber wall.

Week of 2 July 2018

It is expected that this wall will take 8 weeks to complete. Subject to weather and ground conditions Slater Street will be reopened to two way traffic by early July 2018.

General information

Our standard work hours are Monday to Friday between the hours of 7.00am and 6.00pm and Saturday between 7.30am and 1pm.

Work can be delayed by bad weather. During rain events we remove pumps and dams and let water flow away down the bypass on Petrie Street to protect property. Following each rain event we have to reinstate pumps and dams and dry out sections of the creek again. This can take several days.

During this time we do jobs outside of the creek. That is why we may seem to come and go from an area several times.



**Need more information on the works? Contact Downer on
0800 033 747 or email dudleyinfo@downer.co.nz**

**For more information and works notices please visit
www.ccc.govt.nz/dudleycreek**

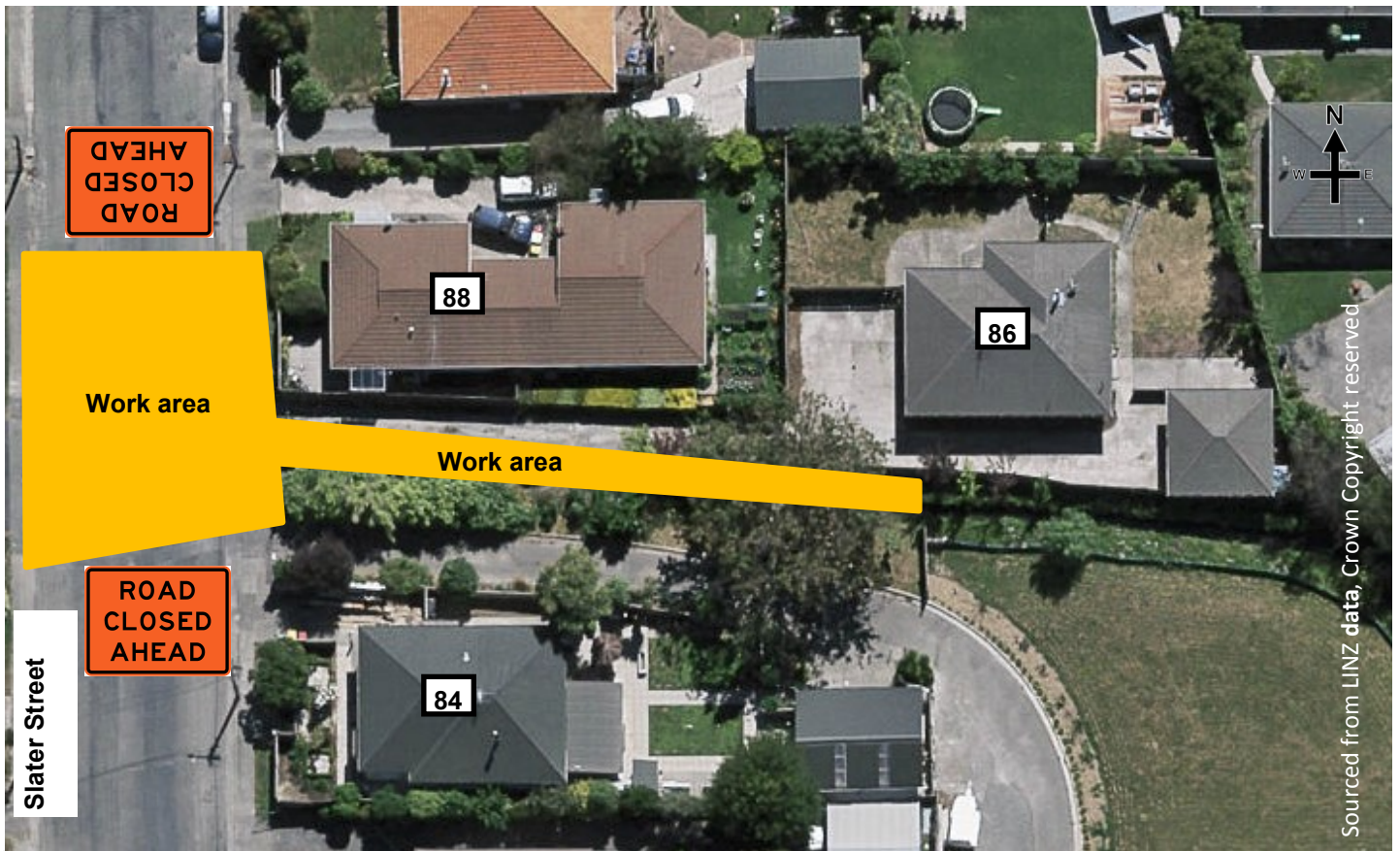


www.ccc.govt.nz/floodmitigation



To contact the Christchurch City Council call
941 8999 or 0800 800 169

**Christchurch
City Council** 



Map 1: Slater Street map

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 when vibrated into position, interlock to form a wall that creates a barrier between the soil and a trench.

Sheet piling helps keep the trench free of soil and water and ensures the trench is stable.

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. Deep trenches without sheet piles are dangerous for workers as the walls of the trench would be unstable.

Once the work in the trench has finished, we backfill (refill) the excavated area. To lower the water level in and around the trench dewatering pumps will be required. The dewatering pumps will run continuously until the work is completed.

- Nearby residents will experience ground-borne noise and vibrations during the installation of sheet piles. You may like to check that breakable items cannot fall from shelves etc.
- **If you are experiencing extreme reactions to the sheet piling, contact Downer using the contact details provided overleaf**

