

Land Drainage Recovery Programme

Reducing the risk of flooding throughout Christchurch City

Dudley Creek Flood Remediation Project

26 May 2017

St Albans Creek Upgrade - Hills Road Culvert Overview Notice

Project Background

In August 2015, Christchurch City Council approved the plan to restore Flockton and surrounding areas to pre-quake levels of flood risk. To date, work has been carried out at many locations between Shirley Road and River Road.

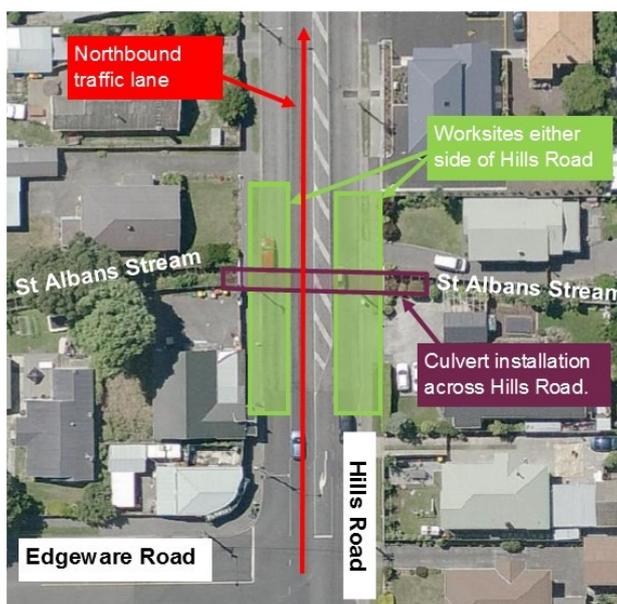
St Albans Creek, from Hills Road to Slater Street has been identified for improvement to reduce the increased risk of flooding in the area caused by the earthquakes.

What Are We Doing

The first stage of work to improve St Albans Creek will be to widen the culvert that passes underneath Hills Road.

There will be significant traffic changes on Hills Road.

Traffic management will be set up Thursday 8 June and some minor civils works will start. Service diversions will start Monday 12 June with sheet piling starting about 2-3 weeks later. **All work on Hills Road will take about 4 months.**



Map 1: Work location for first stage of work.

Work Process

1. The first thing we do is establish work areas on either side of Hills Road, see map 1. This involves setting up traffic management, locating and diverting some underground services, moving machinery and equipment to site, and putting up fencing around the work area. This work will take 2-3 weeks to complete. *The layout of the worksite will then change, this will be covered in a later work notice.*
2. **Then we will start installing sheet piles on the west side of Hills Road. Sheet piling will start in late June and all take around 2 weeks. Advance warning will be provided to residents.**
3. Once sheet piles are in place, we will **dewater inside the sheet piled area** to allow for works to take place on dry ground. **Please expect increased levels of noise from the dewatering pumps during this time.**
4. We will then excavate down to the required level, and place the new box culverts with a large crane.
5. We will then backfill (refill the excavated area), so that traffic can drive on the west side of Hills Road, before starting the same work process on the east side Hills Road.



We will update you regularly about this work. If you have any questions contact Downer on 0800 033 747 or email dudleyinfo@downer.co.nz



www.ccc.govt.nz/floodmitigation



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

Christchurch
City Council

Map 2: Hills Road traffic map (indicative only).



| KEY | |
|-----|---|
| | Culvert installation (completed in stages) |
| | Wider worksite and traffic |
| | No car parking areas |
| | Southbound traffic detour |
| | Northbound traffic lane |
| | Detour signage |
| | 30kph speed limit |
| | Turning restrictions in place |
| | No entry signs in place to stop traffic merging into southbound detour route. |

Major Traffic Impacts

- Hills Road will be reduced to **one north bound traffic lane**. **Southbound traffic** will detour via Guild Street, Slater Street and Dudley Street, see map 2.
- There will be **minimal on-street parking** between Dudley Street and just beyond Guild Street.
- There will be **turning restrictions** in place at the Hills Road intersections of Edgware Road and Guild Street.
- Access to Slater Street will be restricted:
 - Northbound access:** Drive north on Hills Road, turn right into Dudley Street and then left onto Slater Street. Drivers can then continue north via Slater Street or via Guild Street to Hills Road.
 - Southbound access:** Drive south on Hills Road, turn left onto Guild Street and right onto Slater Street. Drivers can then continue south via Dudley Street or continuing south on Slater Street.
 - No-entry signs** will be in place at the Guild Street / Slater Street intersection and Dudley Street / Slater Street intersection. This is to stop additional traffic from entering the southbound detour route. Traffic will need to return to Warden Street, Chancellor Street or North Avon Road.
- Pedestrian thoroughfare will be maintained to all houses on Hills Road at all times.

Work Impacts

- Sheet piling can be very noisy and cause dust. You may feel some strong vibrations that can feel like a small earthquake. If you are concerned about shaking in your house, you may want to move breakable items off walls or shelves. Please let us know if you have any concerns about sheet piling.**
- We are in the process of contacting some residents so that house surveys can be carried out.
- There will be vehicle access restrictions to some properties. We will work with affected residents as these arise. Please call us if you have any questions or specific access needs.
- Our standard work hours are Monday to Friday between the hours of 7.00am and 6.00pm and Saturday 7:00am - 1pm.
- Safety is our number one priority. Safety is your responsibility too. Stay clear and stay alert - keep children and pets at a safe distance from the worksite.

