

Lessons learned from one of New Zealand's most challenging civil engineering projects: rebuilding the earthquake damaged pipes, roads, bridges and retaining walls in the city of Christchurch 2011 - 2016.

Work Notices in a Residential Community

Story: Communicating Through Work Notices

Theme: Communication and Community

An example of a tool SCIRT has used to communicate its projects to a community.

This document has been provided as an example of a tool that might be useful for other organisations undertaking complex disaster recovery or infrastructure rebuild programmes.

For more information about this document, visit www.scirtlearninglegacy.org.nz



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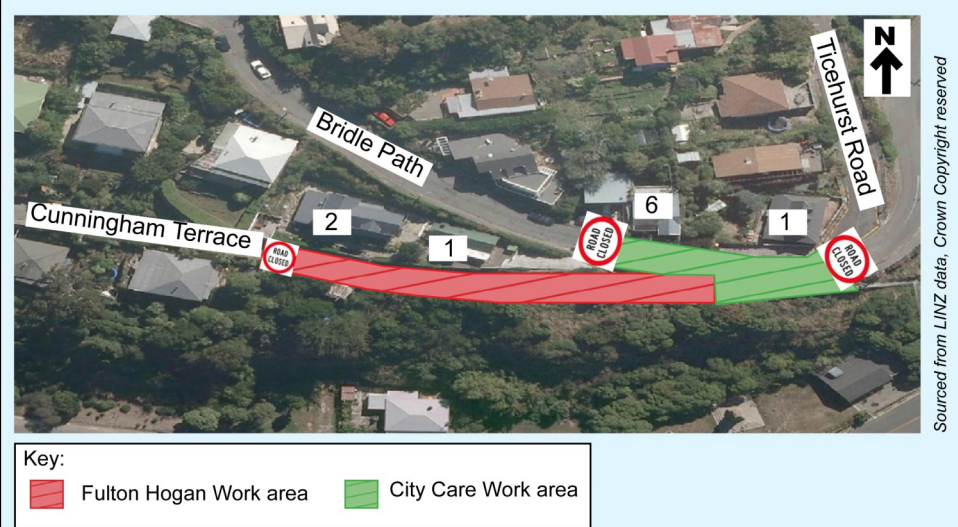
16 April 2014

SCIRT is rebuilding the city's earthquake damaged roads, water, wastewater and storm water pipes

Work notice – Cunningham Terrace and Bridle Path, retaining wall reconstruction Lyttelton

What	Retaining wall reconstruction, storm water and road repairs
When	Commencing Wednesday 23 April 2014 until late May 2015
Where	Cunningham Terrace and Bridle Path, above Simeon Quay

Where we are working:



Map one: location of works

What we are doing

- The soil slope above the Orion substation on Simeon Quay collapsed in the Canterbury earthquakes and requires repair.
- We will be repairing the soil slope and installing a new retaining wall above the sub station, working down from the Cunningham Terrace/Bridle Path intersection.
- Storm water and road repairs will also be undertaken as part of this work.
- Work will commence on Wednesday 23 April 2014 and will be completed in late May 2015.

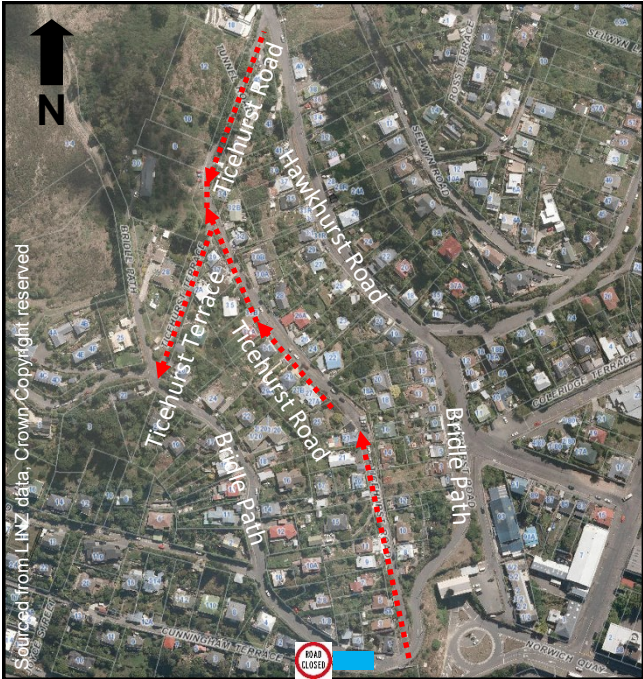
- Fulton Hogan will be working alongside our site to repair retaining walls at 2 Cunningham Terrace and 1 Bridle Path. You will be updated prior to this work commencing. Map one above shows the two work areas for City Care and Fulton Hogan. This work has been coordinated to be undertaken during a similar timeframe as City Care to reduce the impacts to residents.




How this work could impact you

Traffic Impacts:

- Due to the location of works, and the machinery required to make the essential repairs, the intersection of Cunningham Terrace and Bridle Path will be closed and a detour will be in place (refer map two overleaf).
- Residents accessing Cunningham Terrace will need to access their property via Simeon Quay.
- Residents accessing Bridle Path, Dudley Road and Harmans Road will need to travel via Ticehurst Road.
- There will be no exit from Cunningham Terrace or Bridle Path to the lower section of Bridle Path and Ticehurst Road (refer map two overleaf).

Map two: detour route



Key	Description
	Location of City Care works
	Detour route for entry and exit for Bridle Path, Harmans Road and Dudley Road residents
	Cunningham Terrace/Bridle Path/Ticehurst Road intersection closed

Traffic Impacts continued...

- Pedestrian and resident access within the closure area will be retained during the work period. Please follow on-site signage.
- On street parking will be affected in the immediate work area. Cones will indicate where parking will not be available. Be on the look out for changed traffic conditions and drive to these conditions.

General impacts:

- Works will take place between 7.00am and 6.00pm, Monday to Friday with some possible Saturday work.
- We will be using construction machinery, concrete saws, and compacting machines as part of this work.
- Works may result in increased dust, noise and vibration. This will be monitored and managed accordingly.
- Your rubbish and recycling collection will remain unchanged. Please place your bins, during the works, in your regular spot by 5pm the night before collection. If required the team on site will move your bins to a suitable position for collection and will return them.
- During work hours, let us know if you need help to carry things from your car. We are happy to help.
- Safety is our number one priority—safety is your responsibility too. Please keep children and pets at a safe distance.
- If you have any questions or specific requirements, please contact City Care on **0800 632 889** from 7:30am - 5:00pm, Monday to Friday or email scirt@citycare.co.nz and we will be happy to help you.

City Care thanks you for your patience and co-operation as we undertake these repairs in your neighbourhood.

NEED MORE INFORMATION?

Contact the City Care Team:

Phone: 0800 632 889 Email: SCIRT@citycare.co.nz Web: www.strongerchristchurch.govt.nz

16 May 2014

SCIRT is rebuilding the city's earthquake damaged roads, water, wastewater and storm water pipes

Rubbish collection update – Residents of Bridle Path and Dudley Road, Lyttelton

What	Refuse and recycling collection during the road closure of Cunningham Terrace and Bridle Path
When	Commencing from Thursday 29 May 2014 until late May 2015
Who	Residents of Bridle Path and Dudley Road

Location of refuse and recycling collection point



Map one: location of collection point

What we are doing

- Further to a notice you received on 16 April 2014 outlining work to repair the retaining wall above Simeon Quay, this notice is an update to residents about refuse and recycling collections.
- Due to the location of our worksite, and the closure of Bridle Path, it is unsafe for the refuse and recycling collection trucks to gain access to collect bins in Bridle Path and Dudley Road, as there is no through route on Bridle Path towards Ticehurst Road.
- Alternative arrangements have needed to be made, and a central wheelie bin collection area has been established on the grass road reserve area, at the intersection of Bridle Path and Ticehurst Terrace.

- **We ask all residents of Bridle Path and Dudley Road to leave wheelie bins for all three waste streams at this collection area, ready for collection, commencing from Thursday 29 May 2014.** This will allow contractors to collect recycling, refuse and green waste safely from this point.

Our team would like to assist you to get your bins to the collection area.

- Following collection on Thursday 22 May 2014, please leave all three of your clearly marked bins on the footpath or roadside. Our team will be on-site on Friday 23 May to relocate these bins to the new collection area. Alternatively, you may take your bins up to the collection point yourself prior to the next collection date. From that time on, you will need to leave your bins at the collection area and drop your waste material to your bins for the duration of the project.

Thank you for assisting us with bin collections during our works, and we apologise for the inconvenience.

Please turn over

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- We would like to thank residents for their input and suggestions regarding the traffic management around the work site. Feedback is important to us to ensure the disruption is as minimal as possible while we are working in your community.
- If you have any questions regarding this arrangement, or have specific requirements, please contact City Care on **0800 632 889** from 7:30am - 5:00pm, Monday to Friday or email scirt@citycare.co.nz and we will be happy to help you.

Meet the Simeon Quay project team



James Gallacher—Project Manager



Noel Cosgrove—Project Engineer



Nicola Hunt—Communications Adviser

A site office is located on-site on Cunningham Terrace. Feel free to come and meet Noel and James and find out more about our work.

**City Care thanks you for your
patience and co-operation as we undertake
these essential repairs in your neighbourhood.**

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We are **75%** through work to repair the
retaining wall at Simeon Quay

2 October 2014

Work notice update – Simeon Quay, Lyttelton, retaining wall reconstruction

What	Retaining wall reconstruction
Where	Cunningham Terrace and Bridle Path, above Simeon Quay
When	On-going until mid-November 2014

What we are doing

- Work is continuing to repair the soil slope above the Orion substation on Simeon Quay. Works are currently ahead of schedule and should be completed in mid-November 2014.
- City Care will also be repairing a retaining wall on Hawkhurst Road, starting in mid-October 2014 until late December 2014. The work is near the intersection of Coleridge Terrace and London Street. We will update you before this work starts.

Work completed:

- An abseiling crew installed 27 soil nails into the face of the slope.
- Reinforced geo-fabric and drainage strips installed and the face of the slope has been shotcreted.
- Concrete foundations placed to form the base of the new wall.
- 15 concrete panels installed.

Remaining work:

- Concreting of the newly installed reinforcing slab.
- Backfilling behind the retaining wall to bring it to road level.
- Installation of a pedestrian safety fence.
- Reinstatement of the existing road.



Reinforced geo-fabric is laid on the face of the slope to protect it from erosion.



Drainage strips are installed to allow water to drain behind the concreted face of the retaining wall.



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Please turn over

Traffic impacts:

- Bridle Path will be open at the intersection of Cunningham Terrace once the road reinstatement and installation of the hand rail are completed. It will be closed at the intersection of Hawkhurst Road and London Street, until work to repair the retaining wall on Hawkhurst Road has been completed (late December 2014).
- We will update you with further traffic information before work starts on Hawkhurst Road.

General impacts:

- Residents of Bridle Path and Dudley Road will continue to have rubbish and recycling collected from the central collection area at the top of Bridle Path until late December 2014. If you need any assistance, please contact City Care on **0800 632 889**. Once the work is completed, we will return your bins to your property.
- During work hours, let us know if you need help to carry things from your car. We are happy to help.
- Safety is our number one priority—safety is your responsibility too. Please keep children and pets at a safe distance.
- If you have any questions or specific requirements, please contact City Care on **0800 632 889** from 7:30am - 5:00pm, Monday to Friday or email **scirt@citycare.co.nz** and we will be happy to help you.



Jonathan Armstrong, Site Engineer, and Allen Costello, crew member, assessing the new concrete foundations of the retaining wall.



Crew member Sean McInerney connecting the storm water drainage.

**The site office has been relocated to 68 London Street.
Feel free to drop in and talk to our crew to find out more
about our work.**

**City Care thanks you for your continued
patience and co-operation as we undertake these
essential repairs in your neighbourhood**

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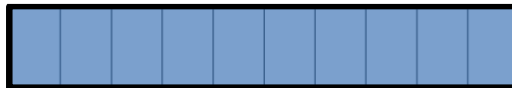


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We are **100%** through our retaining wall
work at Simeon Quay

21 November 2014

Completion notice – Simeon Quay, Lyttelton

What	Retaining wall reconstruction
Where	Cunningham Terrace and Bridle Path, above Simeon Quay

- We have nearly finished our work repairing the soil slope above the Orion substation on Simeon Quay. Final tidy-up work is now underway.
- We will return your rubbish bins to your property early next week and normal collection service will resume in December.
- Work continues on Hawkhurst Road and is going well. We estimate that all work will be finished before the Christmas break.
- The SCIRT City Care team would like to thank you for your support and patience you have shown us during our work.
- If you have any questions, please contact us on **0800 632 889** or email **scirt@citycare.co.nz**



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