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# KAIKOURA EARTHQUAKE UPDATE

WEEKLY BULLETIN – no. 7

10 March 2017

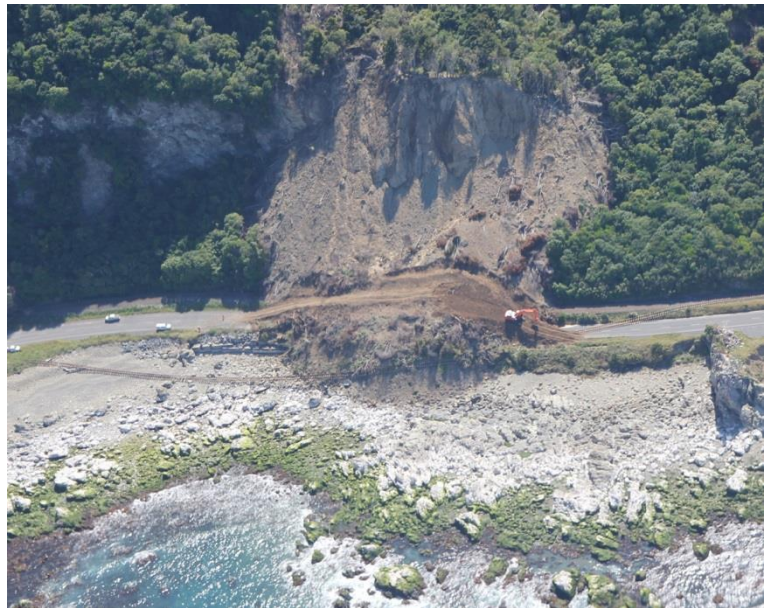
This weekly bulletin aims to give you the latest information on all the work underway to rebuild and repair the road and rail networks damaged by the Hurunui/Kaikoura earthquakes in November 2016. The bulletin is provided by the North Canterbury Transport Infrastructure Recovery (NCTIR) – an alliance representing the NZ Transport Agency and KiwiRail, on behalf of Government. We're keen to hear from you with any questions about our work, or with any feedback on this bulletin. Drop us a line via email at [info@nctir.com](mailto:info@nctir.com) or give us a call on **0800 NCTIREQ** (0800 628 4737) – we'd like to hear from you.

## SH1 NORTH

Road and rail links north of Kaikoura to Picton remain closed. Our work recognises these networks are critical for getting your goods to market, bringing visitors to the region and providing access for the many local communities along the route.

### Latest update:

- Access tracks have now been built around seven of the nine slips to the north.
- Two excavators are now at the top of Site 3 working to clear the 5000 cubic metres of material from this site.
- Vegetation has been cleared for an access track to be built around Site 4 and 5, at Half Moon Bay, once a section of railway line has been removed from this area.
- Helicopter sluicing and removal of loose rocks and debris has made safe one of the three large chutes on the northern side of Site 7, south of Paparoa Point, enabling an excavator to begin cutting an access track to top of the chute and begin clearance of the slip next week.
- Excavators are about to begin clearing the slip at Site 8 (Okiwi Bay), with an access track having been built to the top.
- Next week machinery will be on site 6, at Ohau Point, beginning to clear vegetation and slip material from the south. Our remote-controlled excavator has arrived on site from the north.



## SH1 SOUTH

State Highway 1 south of Kaikoura remains fragile. The highway is subject to on-going closures because of weather and road repair work as happened earlier this week with heavy rain in the area bringing material down at 14 sites. (For travel information:

<http://www.nzta.govt.nz/traffic/regions/11>)

### Latest update:

- South of Kaikoura, between Peketa and Goose Bay, work is underway clearing any remaining rock and debris at the various slip sites to enable repair work to continue on the railway line. Twenty-nine sites have been identified as requiring work; five have already been cleared and we continue sluicing and scaling work from the south of the Raramai Tunnel, working north towards the

Kahutara River Bridge. Please observe all site access restrictions and take care while driving through this area.

- The strengthening work at the Oaro overbridge is now 25% complete.
- Repair to the Parnassus overbridge starts next week. It will take about two months to complete and everyone is asked to take extra care travelling through this area and to observe all detour signs and speed restrictions.
- With all this extra work along this section of the highway, everyone needs to allow extra time for their journey. Our crews are working daylight hours, six days a week, so please take this into consideration when planning your trip.

## INLAND ROAD

Inland Road (Route 70) is open 24/7 and remains a critical link for the Kaikoura community, with SH1 south open only during daylight hours. Work on the Inland Road continues to ensure the road will be in the best possible condition before the start of winter, providing that important alternative access to Kaikoura.

### Latest update:

- The severe weather this week presented a number of challenges for the team in keeping open both lanes along the Inland Road (Route 70), especially at the Whales Back slip site. This site remains fragile and vulnerable to rockfall during weather events.
- Work progresses on getting all sections of the road damaged by the earthquake sealed before winter. Please take care around these work sites, follow all signs and observe the 30km/h speed restriction.
- Work continues removing trees along the route that shade the road to improve winter driving conditions.



## ALTERNATE ROUTE– PICTON TO CHRISTCHURCH

The alternate route (via Lewis Pass) is continuously being improved through the use of new technology, such as mobile towers to reduce coverage black spots, webcams and radar to monitor what is happening to keep everyone safe, and road improvements to make the route safer and easier to travel on.

### Latest update:

- Temporary speed restrictions are now in place in high-risk areas along the alternate route.
- Six radars using sensors to pick up volume and speed have also been installed along the route. Information gathered from these sensors helps contractors to pick the best times to carry out road works and reduce delays and road closures.
- Webcams have also been installed along the route. This enables our contractors to can keep an eye on what is happening and the images are shared on social media. Local businesses in the area can also tap into the cameras.
- A short range cell site is being installed at Boyle River next month to improve mobile phone coverage in the area. A phone that enables people to dial 111, \*555 and 0800 4 HIGHWAYS will also be installed. Signage will inform people that they can pull over and make calls if there is a crash or an incident.



- Traffic signals have been installed on the one-lane Maruia Bridge to ensure good flows of traffic in both directions.
- Thirty-six kilometres of the route has now been resealed or repaired to help the road cope with the increase in traffic. A further 22km of resealing remains to be done.
- Several sections of the road have been widened to allow trucks or caravans to pass each other comfortably.
- New signage has been installed to help drivers navigate the route safely.
- The Transport Agency is also running safety campaigns with police to highlight the dangers of driving on the route when tired.
- Police have had a strong presence on the route to help manage driver behaviour and speeds. This work will be continuing.

## MAIN NORTH LINE RAILWAY

The Main North Line railway (MNL) between Picton and Christchurch is a critical part of the network for moving freight between the North and South Islands. More than 1 million tonnes of freight is moved on the MNL each year.

### Latest update:

- Maintenance trains have begun running on the Main North Line between Picton and Christchurch, from the north and south. These trains are carrying ballast and other materials to work sites along the railway line for the rebuild. During the repair work, the track will be lifted, ballast will be packed underneath the sleepers and finally the alignment of the rail corrected. Good progress has been made on the 750 damaged railway sites. Everyone is asked to take extra care along the railway corridor.
- Strengthening of the Rail Bridge near Spy Glass Point (Bridge 95) is underway, including piling and concrete reinforcement works.
- Piling and structural steel for the temporary Rail Bridge at Ferniehurst (Bridge 90), south of the Hundalee, arrived on site this week. Piling work is already underway.
- Near Hawkeswood, just north of Parnassus, work is progressing on the repair of more than 200m of track, including culverts and retaining walls, which have slumped. Excavation work is now complete.



## KAIKOURA HARBOUR

Reinstatement of Kaikoura Harbour is crucial to restoring the economic prosperity of the town's tourism and fishing industries. The marina has been raised by about a metre; work is focussed on deepening the harbour and resetting all the structures in the marina to the new depth.

### Latest update:

- Dredging of the inner basin is now about 25% complete. This material is being used to construct a platform within the basin from



which machinery can access to continue to deepen the harbour.

- The Dolphin Encounter jetty has been demolished and disposed of, including the piles.
- Services from the Whale Watch jetty have been disconnected and the jetty will be removed once the above platform is complete and able to be used.
- Both Dolphin Encounter and Whale Watch continue to operate their daily services from temporary facilities located within the harbour area.

## KEEP UP TO DATE

How to contact us and keep up to date with the NCTIR project:

- Subscribe to receive our weekly bulletin by emailing [info@nctir.com](mailto:info@nctir.com), with 'Bulletin' in the subject line.
- Visit our website: [www.nzta.govt.nz/projects/kaikoura-earthquake-response/](http://www.nzta.govt.nz/projects/kaikoura-earthquake-response/)
- Call our Freephone: **0800 NCTIR EQ** (0800 628 4737)
- Email us if you have a question: [info@nctir.com](mailto:info@nctir.com),
- Attending one of the community meetings, keep an eye on your local newspapers.
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- For travel information: <http://www.nzta.govt.nz/traffic/regions/11>

# SH1 Kaikōura Coast remedial works

