

Rawene Road Update

Friday 29th June 2018



Land slip remediation activities on site

Work at the Rawene site is progressing well. The capping beam excavation and steel fixing is complete and the concrete pour for the capping beam took place last week. See below for a link to site photos. The concrete capping beam is clearly visible along the left edge of each photo.

Work is continuing on the retaining walls for the access ramp down to the main body of the landslide. Column drains will be installed early next week to help lower the water table within the slope and will aid short term stability.

Once the concrete forming the capping beam has cured sufficiently, and the column drains are installed, work will begin excavating the access ramp and pushing material down-hill to form an access track and platform. The platform will then be used to begin the Phase 2 works.

Future work:

- Installation of the retaining wall for the access ramp.
- Installation of column drains to help remove water from the slope.

Camera

A camera has been secured to a premises at the top of Mokoia Road. Many thanks to the landowner and business owner that approved the installation above the Elite Thai Kickboxing studio.

The camera is set to take images at 15-minute intervals from 0700 to 1800, 7 days a week. The latest image can be viewed online using this link: [Rawene Landslide Remediation - Camera Link](#)

Alternatively, if you are interested in viewing previous images, not just the most up to date photo, you can do this by logging on to the camera website. It is possible to select a certain day and view the images from that day. The public is most welcome to log onto the Timescapes site, using the details below, and view all of the images.

To log into the image viewer please follow the instructions below:

Head to: <http://live.timescapes.co.nz/>

Enter details:

- User: **AucklandCouncil**
- Password: **hN9zQAMwf**

Update on next phase of land slip work

Phase 2 design is almost complete and consents for that part of the work will be sought shortly. Phase 2 is planned to be underway in spring and will involve rebuilding the slope with natural materials from the bottom up and construction of the new carpark which will be secured by a buried row of piles at the base of the slope. The access road at the top of the slope will also be reinstated. We will be circulating our plans as soon as they have been reviewed to give you an opportunity to provide feedback and new ideas.

Frequently asked questions	We will continue to provide Q and A's when we have information to share. A number of previous questions are on OurAuckland.
Why you are receiving this email	You are receiving this email as you have indicated that you wish to receive updates about Rawene Road car park. These email updates will be made available on a regular basis. If you want to unsubscribe from this email, or if you want to be added, please email us .
How you can get more information	<p>If you have any questions or feedback please email rawene@aucklandcouncil.govt.nz and we will endeavour to answer as quickly and comprehensively as possible. This email address can be used to contact the project team, and is regularly monitored by Amanda, John and Ross. The Auckland Council Contact Centre is also be available on 09 301 0101.</p> <p>You can get more information from the following sources:</p> <ul style="list-style-type: none"> • There is an introduction to the project on the Auckland Council website • Frequently asked questions about the project are answered here (email us if you have new questions to add). • A record of project updates up to 18 December is available here, and more recent updates here

Rawene Road Update

Tuesday 12th June 2018

Auckland
Council

Te Kaunhera o Tāmaki Makaurau



Land slip remediation activities on site

Phase 1 stabilisation works are well underway and going very well. For those of you that haven't had a chance to peer over the side to look at the construction work from behind the safety barriers, here are some photos from last Friday (8th June) and a brief explanation.



The first photo, taken from the western side of the site, shows the cut sheet piles and capping beam trench. The piles are now all a uniform height, about

0.5 metres from the bottom of the trench level. They are being enclosed in steel, for strengthening. This work will continue along the entire length of the piles towards the eastern end of the site, effectively all the way along the plastic barriers to just beyond the top left corner of this picture. This is expected to take another week or so. The concrete capping beam will be poured over the entire trench, encasing the steel-enclosed sheet piles, and connecting all of the piles together as one structure.



The second photo is a close up of the steel enclosed sheet piles. A number of ducts or holes are being constructed along the capping beam to allow for the installation of ground anchors if required as part of the stabilisation works. These are the pipes that can be seen along the length of the works. At this stage, it is still undecided about whether the ground anchors

are going to be required, but provision is being made for them as provided for in the stabilisation design.



The final photo, taken from the public carpark, shows the construction of the new vehicle access (path) that will lead to the area of new parking below the sheet pile stabilisation work. A timber-pole retaining wall is currently being constructed on either side of the new accessway. Once the retaining is complete, the digger will begin to remove material from the path to create the vehicle access down towards the new carpark site.

Future work:

- Concrete will be cast over the trench and sheet piles – it is expected that this will be in a week or so and can be done in one day.
- A fence (or hoarding) will be installed along the top of the beam, as well as water filled crash barriers to prevent cars from driving over the top of the beam. A kerb and channel will also be installed to direct water towards catchpits.
- Installation of the retaining wall for the access ramp.
- Installation of column drains to help remove water from the slope.

Update on next phase of land slip work	Phase 2 design is almost complete and consents for that part of the work will be sought shortly. Phase 2 is planned to be underway in spring and will involve rebuilding the slope with natural materials from the bottom up and construction of the new carpark which will be secured by a buried row of piles at the base of the slope. The access road at the top of the slope will also be reinstated.
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