



CAN Geotechnical Ltd

Fairburn Crag Stabilisation Scheme

Residents Newsletter – October 2021

Email address: fairburncrag@can.ltd.uk

CAN Office Number: 01246 261111

Fairburn Crag Stabilisation Scheme Newsletter

NEWSLETTER OVERVIEW	1
1. Introduction to CAN	1
2. Works Overview	1
3. Methodology	2
4. Programme	2
5. Site Set up and Access	3
6. Traffic Management	3
7. FAQs	4

Newsletter Overview

This newsletter has been produced by CAN Geotechnical Ltd, the civil engineering company who will be carrying out the work at Fairburn Crag.

The aim of this newsletter is to provide detail on the work being carried out at Fairburn Crag, with the aim of keeping you, the local residents and members of the community, as informed as possible. We will use this newsletter to explain our planned working methodologies, access arrangements, programme for the works and answer FAQs that we have received.

A dedicated email address has been set up if you would like to get in touch with any queries (fairburncrag@can.ltd.uk) and our phone number 01246261111 can be used to contact CAN Geotechnical directly. You can also get in contact with the Project Manager, Mike Yaxley directly on 07944518498. The contact information will also be posted on notice boards around the site ensuring that anyone who is interested can get in touch with CAN directly.

1. Introduction to CAN

CAN Geotechnical Ltd is one of the leading geotechnical stabilisation companies in the UK and Ireland, operating from five offices in Chesterfield, London, Bristol, Glasgow and Dublin. Our head office is in Chesterfield, not far away from Fairburn, where our senior management team and project manager is based.

We specialise in building and installing solutions to stabilise ground to reduce the risks associated with ground instability or movement. This includes reinforcing both natural and made ground, stabilising slopes, constructing & strengthening retaining walls, stabilising rock faces & controlling rock fall, providing support to structures or voids and installing drainage systems. In practical terms this means that we carry out work to stabilise cliffs and embankments to prevent land slips or rock falls causing damage, with this often includes drilling into the faces to help to stabilised them.

CAN has been operating for over 30 years, initially starting out as the first rope access company in the UK and quickly developing into a leading specialist with both civil/geotechnical and structures/access divisions. Throughout this time CAN has undertaken some of the largest geotechnical and rope access build contracts in the UK, having successfully completed many major projects to stabilise steep face cuttings similar to that at Fairburn Crag.

2. Works Overview

The work that CAN is planning to do to repair the face cutting at Fairburn Crag includes:

- Setting up a temporary site compound for the project.
- Setting up traffic management (Full Road Closure) around the site.

- Carrying out light hand 'scaling' of the face to remove any small loose rocks.
- Removing vegetation on the face and at the crest of the rock face.
- Drilling and installing 80 ground anchor bolts.
- Installing steel rockfall netting over the face.
- Application of shotcrete to stabilise a small area.

3. Methodology

Scaling and de-vegetation works will be completed via MEWP (Cherry Picker) working from the top of the crest down to the toe of the face.

The drilling work to install the anchors on the face will be completed with excavator mounted drilling rigs, situated at the base of the cliff face, reaching up to the drilling locations.



Drilling work taking place with an excavator mounted drill rig

The installation of netting will also be completed via MEWP working from the top of the crest down to the toe of the face.

Application of shotcrete will be completed at ground level, within the confines of traffic management.

4. Programme

The work at Fairburn Crag has been carefully planned to ensure the work is done safely, to minimise delays and to ensure minimal impact on the local area.

The works are programmed to commence Monday 25th October and are expected to take 6 weeks to complete. These works will be completed Monday – Friday, between the hours of 8am and 6pm.

5. Site Set up and Access

Compound Setup

The main base for the construction team will be in a site compound which will be located within the Road Closure on Cross Hill.

Temporary site cabins and plant will be delivered here and set up for the site workforce.

The parking spaces on the corner will also be dedicated for site use.

These areas will be cleared at the end of the work and will not be left in an untidy state.

All works will be completed within the Traffic Management zone, as detailed below.

Site security comprising cameras and alarms will be set up around site. If intruders enter site then security guards will be called automatically.

6. Traffic Management

In order to allow works to be completed safely, a full road closure will be in place during the works. This will be in place from the start of the job to the end. Unfortunately, it cannot be removed out of working hours due to the amount of equipment that needs to be stored on site.

A 1 meter wide pedestrian footway will be maintained on the south side of the site at all times.

Vehicular access will be maintained into all properties.



7. FAQs

Will there be a lot of dust?

Drilling does typically cause a small amount of dust to be created. Dust suppression will be used on all drill rigs, which will keep dust levels to a minimum, and we will monitor the dust levels throughout the works.

Will the works be loud?

The drill rigs do emit a relatively loud knocking sound when drilling. The houses closest to the site will be able to hear the drilling from within their homes. Acoustic barriers will be used on static plant such as compressors so noise from these will be kept to a minimum.

There will also be the use of hedgecutters, chainsaws etc at the start of the works that will be relatively loud.

How long will the work take?

The work is programmed to take 6 weeks from the day work starts on site.

Drilling works are expected to take place for approximately 2-3 weeks.

Will there be lots of vehicle movements?

There will be several initial deliveries of plant and equipment in the first week and then after this, deliveries will be kept to a minimum but will need to happen every few days. Operatives will park in the allocated parking space.

What should I do if I have concerns over the work?

If you have any concerns please contact us via email fairburncrag@can.ltd.uk or contact the Project Manager, Mike Yaxley directly on 07944518498. The CAN Chesterfield office can also be contact on 01246261111. We will respond to your messages individually.