Slope Stabilisation Works:

Aberdeenshire Council’s Projects team continue works to deliver Option C identified in the Gardenstown Landslide Temporary Landslide Management Options Appraisal, dated 05 April 2018.

This option comprises preliminary stabilisation of the landslide in the form of soil nailing and meshing to restrict slope movements/degradation and deposition of material behind the existing blockwork wall and onto Harbour Road.

The aim of this option is to continue to provide unsupervised road openings.

BAM Ritchies have been employed by Aberdeenshire Council to undertake the design and construction of these preliminary stabilisation measures and Atkins have been appointed by Aberdeenshire Council as contract supervisor for the duration of the works.

BAM Ritchies continue works to install the TECCO Mesh Slope Stabilisation System.

Works at the crest of the slope have now been completed with the installation of 12 vertical soil nails down through varying depths of soil to bedrock (4m–12m). Upon reaching bedrock the boreholes are continued to a minimum depth of 4m into competent rock with the nails bonded into the resultant bores with grout.

Works for the remainder of the project will now focus on the installation of approximately 140 soil anchors in the slope face to tension the TECCO mesh and these will be drilled in place using the mobile Terrier drilling rig. The drill rig is powered by compressed air which is fed from a compressor situated at the toe of the slope in a layby on Harbour Road. Supply lines are run from this up the slope to the drill rig.

De-vegetation and the clearing of loose debris from the slope has also been completed. This includes the removal of the large tree at the base of the slope and the 2 from the top crest. In addition, approximately 40 tons of loose rock and soil has been removed in preparation for the installation of the soil nails, grout and TECCO mesh.
**Road Openings:**

Harbour Road was re-opened to 24hr full access as of 12.00pm on Friday 27th April 2018.
A temporary traffic light system is on stand-by during the initial period of nailing the slope. These temporary lights do not operate like normal traffic lights and only the red light will be utilised.

When the motion sensors on the slope detect any abnormal movement that could pose a risk to road users, the red light will be switched on.
In this instance, road users should not pass through the lights until an inspection has been carried out by BAM Ritchies’ rope access team and the lights reset.

During normal working periods the red (road closed) light is not activated and drivers should, as was previously the case prior to the landslip, operate a “give and take” system due to the narrow width of the carriageway.

It should be noted that during the works, there may be periods of time where access may be delayed due to delivery/movement of plant and equipment or where it is deemed necessary to lower loose material down the slope. Staff will be onsite to offer instruction/direction.

**Site Working Hours:**

Working hours on site are 0800 – 1800 daily.

There will be no work on-site on Thursday 10th May between 12:00-16:00.

Works will continue on a 12 day rotation with every second weekend designated as a non-work period.

This coming weekend will be a full working weekend except Sunday where we will prohibited drilling during the Church’s morning service between 1030 – 1230 and evening service between 1730 – 1930.

Our intention is to permit staff to undertake other activities which do not involve excessive noise (e.g. clipping mesh, fixing head plates etc.).

Further information can be found on our website at: [http://bit.ly/gardenstownslip](http://bit.ly/gardenstownslip)

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