

## Copley FAS – Frequently Asked Questions (FAQs)

### **Why is the Copley FAS Scheme required?**

We need to undertake flood alleviation work in the village to maintain the flood defence standard of protection for Copley. Significant defects have been identified in the existing flood defence which need to be repaired to reduce the risk of future seepage, erosion and breach to the flood defence.

### **What will you be doing?**

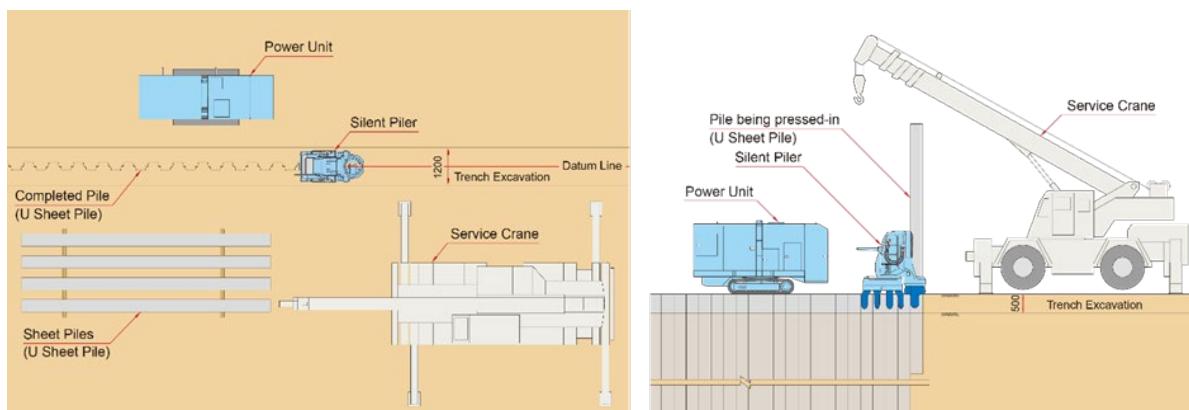
The first stage of the scheme will involve installing a sheet pile along the full length of the river bank/flood defence that surrounds Copley Village. This work will significantly improve the bank and reduce future flood risk from the River Calder to 229 properties in Copley.

### **What does the work involve?**

The river bank will be widened to allow access for the duration of the construction work in this area.

The work will involve:

- Temporarily extending the embankment to make the bank wide enough for machines to access. The design for these temporary works will be confirmed following topographic surveys of the land.
- Installing sheet piles using a Geiken hydraulic press. Using a hydraulic press rather than the traditional method of driving piles into the ground will reduce the vibration and noise disruption during the construction work. (See diagram below)



### **What is sheet piling?**

Sheet piling involves installing sheets of interlocking metal into the existing ground to form a continuous structural and waterproof barrier.

There are numerous ways of installing the piles that will future proof the embankment. Traditionally, carrying out piling work involved using a pile hammer or vibration-based techniques, however these works will utilise a pile pressing method. This is an industry leading method which will significantly reduce the noise and vibration to surrounding residents.

[www.gov.uk/environment-agency](http://www.gov.uk/environment-agency)

Urgent enquiries: 03708 506 506 (Mon-Fri, 8am-6pm)  
Lateral, 8 City Walk, Leeds, West Yorkshire, LS11 9AT



**When will you be starting this work and how long will it take?**

The main construction work is programmed to start in the springtime and is expected to take approximately 9 months to complete.

**How much noise/disturbance will I experience whilst you carry out this work?**

Our contracting partner BAM Nuttall will do everything possible to minimise the disruption caused by this work. The Geiken hydraulic press is an industry leading method of installing piles with the least noise and vibration disturbance.

**What hours will the work be carried out?**

BAM Nuttall will be working Monday to Friday. We will confirm working hours in our regular newsletters ahead of the start of the work.

**How/where can I speak with the project team?**

You can email the project team at [CalderdaleFAS@environment-agency.gov.uk](mailto:CalderdaleFAS@environment-agency.gov.uk)

You can also sign-up to receive Information Bulletins about the scheme by sending the word 'subscribe' to [CalderdaleFAS@environment-agency.gov.uk](mailto:CalderdaleFAS@environment-agency.gov.uk).

