

Leeds Flood Alleviation Scheme (Phase 2)

Progress update at the flood storage area, Zone 14

Project: Leeds Flood Alleviation Scheme – Phase Two (LFAS2)

Author: Mark Garford, Leeds City Council Project Manager

Date: September 2021

This brief update provides detail of the progress of works in Calverley that are part of the flood alleviation scheme.

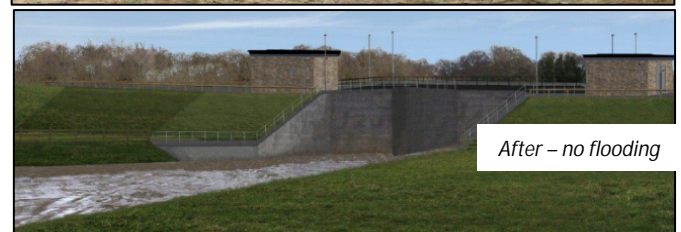
The aim of the scheme is to achieve a standard of protection that will protect existing communities and businesses, and allow for future development along the River Aire corridor by significantly reducing flood risk. Step 1 of Phase 2 of the scheme has seen the start of construction of flood defences along the River Aire from Wellington Street to Newlay. Step 2 concerns work between Horsforth Vale and Apperley Bridge, Bradford.

We were granted planning permission in May to construct a flow control structure. This enabled us to begin work on creating the flood storage area near Calverley.

Since then, we have established offices on site, and constructed an access track which will allow our engineers and machinery to have safe, segregated access to the area, protecting members of the public from our works. All construction workers will be clearly identifiable through their uniforms and safety equipment, and the track has clear signage to ensure safety with all our operations.

In order to build a flow control structure, which would facilitate a flood storage area (see right), we are diverting the river in order to create a dry working enclosure, known as a cofferdam. In the next few weeks, we will install information boards in the area which will illustrate this work.

We will begin sheet piling in the riverbed this week, which means you may experience some noise and vibrations from piling rigs. This work is estimated to take around four weeks. We are aiming to reduce the impact of this work on our neighbours by conducting preliminary drilling in the areas where the piles will go. Works on the flood storage area are due for completion in Summer 2023. Please note these construction timescales could change.



The works near Calverley mark an innovative and exciting advance in the engineering and construction of the Leeds Flood Alleviation Scheme.

If you have any questions about the flood alleviation scheme in general, please visit our website at www.leeds.gov.uk/fas, or contact us on lfas@leeds.gov.uk.

