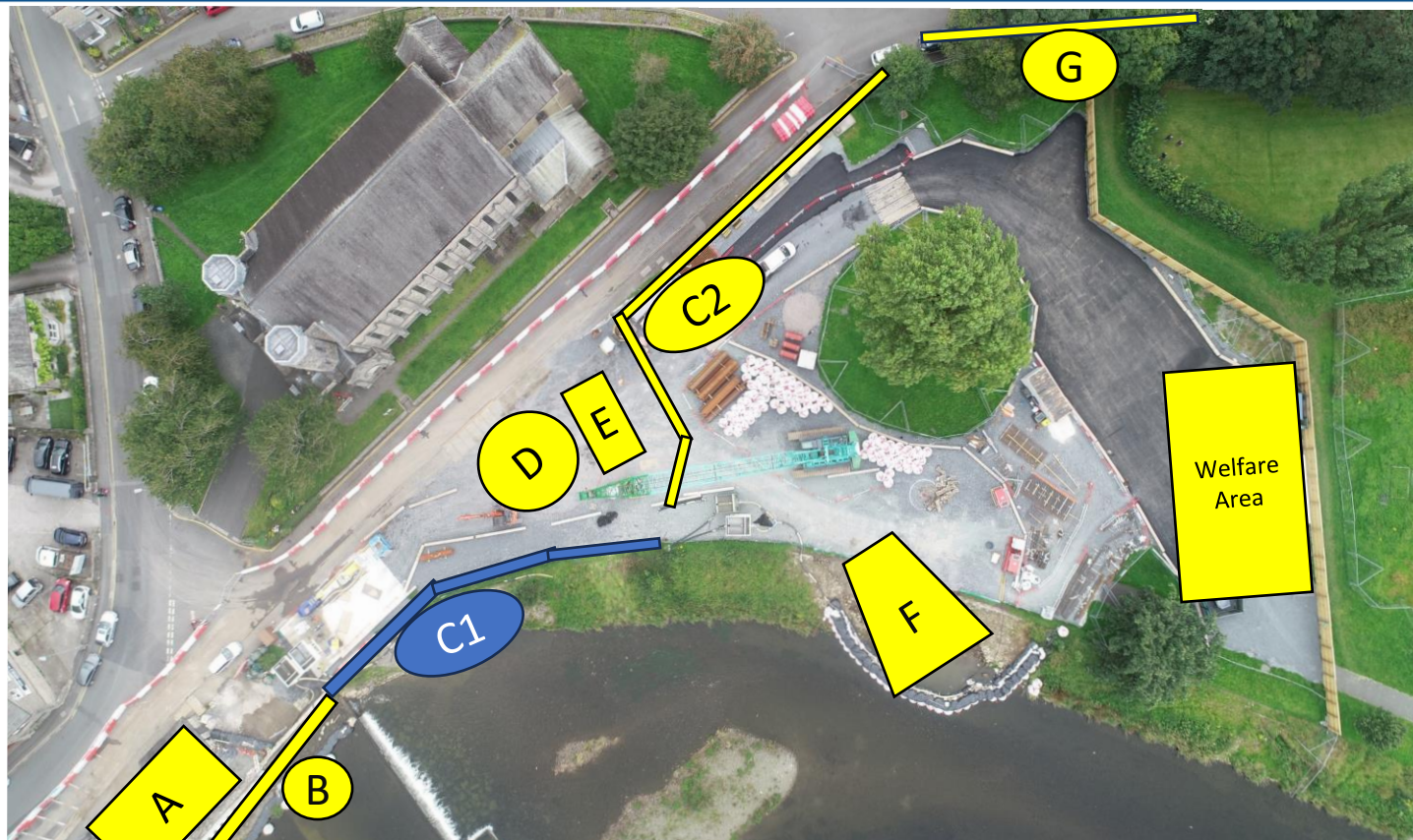


Kendal Flood Risk Management Scheme

Gooseholme Common progress as of 14th October 2024



A – Motor Control Centre Building

70%

B – Glass Panel Flood Wall

COMPLETE

C1 – Flood Defence Wall

0%

C2 – Flood Defence Wall

50%

D – Wet Well Shaft

80%

E – Valve Chamber

70%

F – Outfall

35%

G – Kerbing Construction

COMPLETE

Overall completion -

68%

A – Motor Control Centre

Building (MCC)

This building will house all the electrical infrastructure that will power the stock beck pumps in flood conditions.

B – Glass panel flood wall

The glass panels will be partially uncovered with the remaining uncovered once the MCC building is completed

C1 & C2 – Flood wall construction

Constructed from a sheet pile foundation the concrete flood wall will be clad in local stone.

Overall completion tracker

68%

D – Wet Well Shaft

This is the underground structure which will house the pumps for stock beck designed to transfer water of Stock Beck from the Well to the Outfall (A).

E – Valve Chamber

This chamber will house the valves for the onward pumping of Stock Beck in flood conditions.

F – Outfall

The new Stock Beck outfall into the river Kent.

G – Kerbing

Kerbing is now complete in this location and forms part of our flood defence.

What's happening this week

Motor Control Centre Building (MCC) – Tiling is well under way with the majority of the main roof complete by the end of this week. While preparations are also being made to accommodate the installation of bat boxes.

Sewer Diversion – Waitings have now excavated to the correct depth and continue to manage the water levels and direct Stockbeck around our works. Their work now focusses on casting the underpass chamber. This week Waitings will be lifting in a steel rebar base into the excavated area then the team will begin to pour the concrete into the steel base. This is to secure the base of the underpass chamber and will help reinforce the excavated area ready for the chamber lid to be lifted in the week of the 18th November.

Wet Well – All work we can possibly conduct for the Wet Well has been complete, further works to the wet well won't begin until the sewer diversion is complete due to the close proximity of these works.

Valve Chamber – The installation of the Valve Chamber pipes has now been complete. Pressure testing of the system will take place in the next couple of weeks by specialists to ensure the pipes are connected to the required standard. Following pressure testing, the area surrounding the chamber will be back filled up to the Chamber's height, with the lid installation soon to follow. The piles that were put in place to create the working area will be pulled out and reinstatement will take place. The pulling of the piles will not be a noisy operation, and a programmed date of when this will take place will be communicated ahead of these works.

Flood Wall – A 21m stretch of flood wall is almost complete along St George's Walk. The next stage is for the wall to pass alongside the valve chamber once the area has been backfilled and reinstated.

Stock Beck Outfall – We have successfully sealed the sheet piled cofferdam which has created the dry area needed to start to construct the outfall structure. A frame will be built inside the cofferdam area to ensure it is structurally safe to work in. Once this is in place the base of the outfall will be excavated and constructed.

Working Hours – This Saturday Waitings will be on site to lift the steel rebar base into the excavated area in preparation for the week ahead, alongside tiling of the MCC building with the hopes to complete the ridge along the main roof. These working arrangements are within our agreed planning arrangements and will not exceed 08:00 – 18:00.

www.thefloodhub.co.uk/kendal

For more information on the
Kendal flood scheme



VolkerStevin Engage

Our new project app allows you to keep up to date on the Kendal Flood Risk Management Scheme, view construction progress, images and provide feedback. Scan the QR code to download.



Jacobs



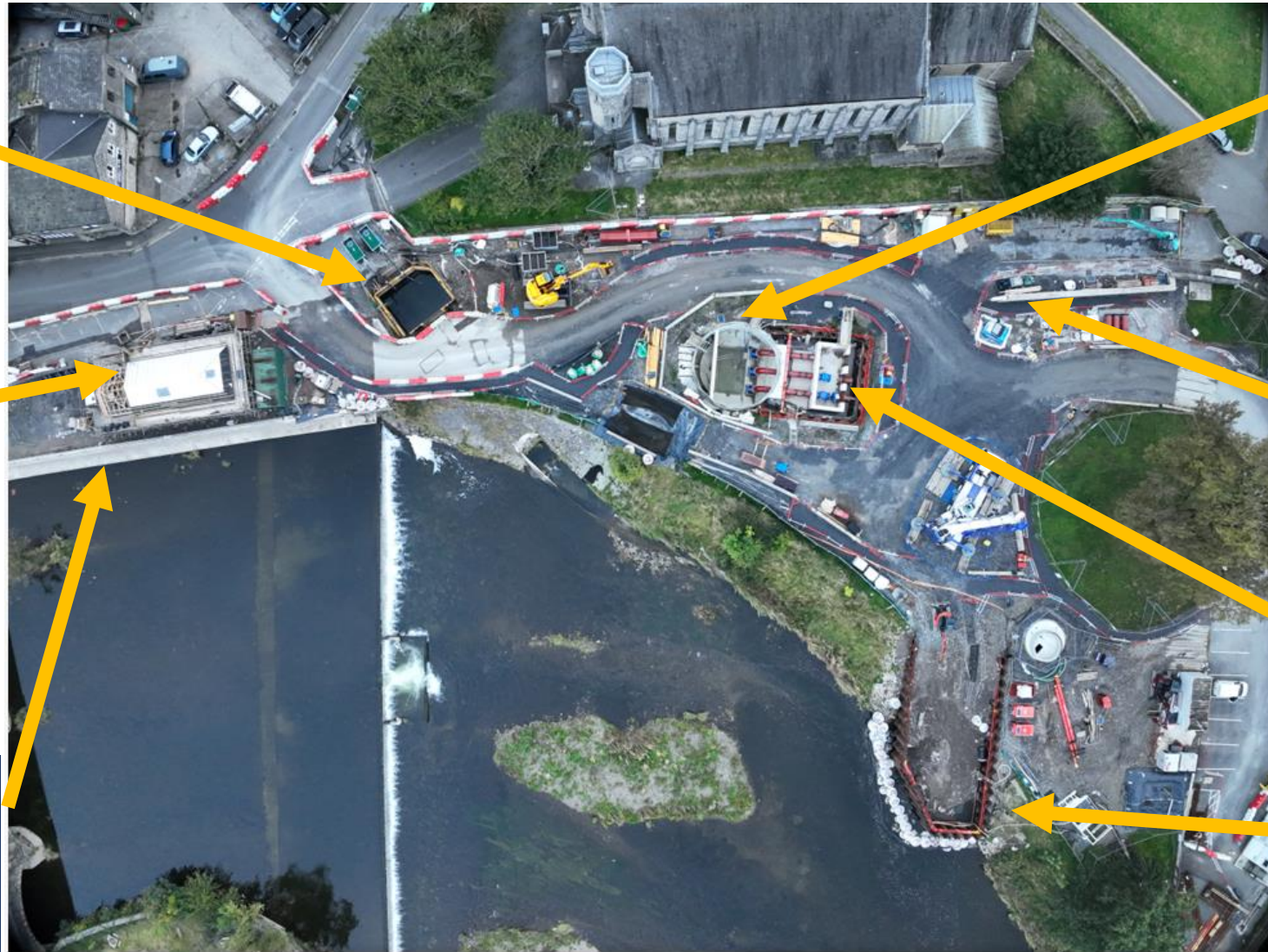
Kendal Flood Risk Management Scheme – Gooseholme construction aerial photograph October 2024

This aerial photograph of Gooseholme shows the areas of construction currently taking place. The majority of the construction activity is focussed underground as complex works continue to construct the underground pumping infrastructure for Stock Beck.

Sewer Diversion – The sewer diversion will pass under Stock Beck culvert in this location. These are complex works due to the interaction with the existing Stock Beck culvert and groundwater in this location.

Motor Control Centre Building – This building will house all of the electrical equipment needed to operate Stock Beck underground pumps. The building has been designed to blend into the local area using local stone to replicate building features and slate roof tiles.

Glass topped flood wall – This is now complete. We will be starting to landscape the area in this location once the Motor Control Centre Building is complete



Wet Well – Construction of the underground shaft which will house 3 pumps. In storm conditions these pumps will activate and pump flood water from Stock Beck into the Kent.

Floodwall along St Georges walk - Construction has started but has paused until the Wet Well works and Valve Chamber are complete. This wall will tie into the glass topped flood wall.

Valve chamber – Installation of the pipe valves that will aid the pumping of Stock Beck into the Kent in storm conditions.

Stock Beck Outfall – Constructing the new outfall of Stock Beck which will improve pumping conveyance in flood conditions.