

Kendal Flood Risk Management Scheme

Construction progress – October 2022

Since starting construction of the Kendal Flood Risk Management Scheme in February 2021, we have completed the construction of flood defences in seven locations and continuing to construct flood defences in six locations within the town.

We are constructing the flood scheme in small sections we term as 'reaches'. By breaking the scheme down into small sections, we are able to undertake all the necessary preparation works and construct the flood defences in a way that minimises disruption and manages flood risk as we go.

The flood defences in Kendal have been designed to be sympathetic to the area and a blend of finishes will ensure flood walls are appropriate, and in keeping with areas throughout the town. Through the centre of Kendal the finish will be predominately re-use of existing stone or natural stone clad which is being sourced from a local quarry. In some of the outer areas, we will use imprinted concrete that will replicate natural stone, in the industrial areas where the walls will be much less visible, we will be using smooth finished concrete.

Re-use of existing stone mainly through central Kendal but will feature in other areas



Natural stone clad through central Kendal



Imprinted Concrete in the outer areas of Kendal



We are also integrating a number of features into the design. These features include glass panelled sections to retain views of the riverside as well as replicating the 'Webster' style railings which are historically significant to the Miller Bridge area of the town.



We are also improving the river corridor through the town, with extensive landscaping and biodiversity improvements that will create a lasting benefit for both wildlife and the community.





Construction progress by location and reach

The plan below provides an overview of the extent of our flood risk management scheme and the progress of construction at each reach.

RURAL FRINGE

SUBURBAN

TOWN CENTRE

SUBURBAN

RURAL FRINGE



Mint Bridge footpath

Walls to rear of residential properties and to boundaries of industrial land. Mix of imprinted and smooth finish concrete.

Dockray Hall

Use of existing wall as flood defence

Busher Walk

Raising and extension to existing earth embankments.

Sand Aire House

Stone faced flood defence wall to tie into new footbridge.

New Road

Stone faced flood defence wall to tie into new footbridge access ramp. Floodgate to maintain existing public access

Waterside

Glass panels on low natural stone clad wall replacing existing riverside railings. Floodgates at downstream end to maintain existing public access

Waterside Flats

Flood defence wall in vicinity of residential flats. Natural stone cladding to outward facing wall and imprinted concrete to residential side. Floodgates maintain pedestrian access to riverside

Parish Church

Stone clad wall with low sections topped with railing. Access ramp over flood defence linking to Kirkland

Romney Gardens

Imprinted concrete flood defence wall beside existing footpath...

Scroggs Lane and Helsington Mills Raising and extension to existing earth embankments and road raising and lowering.

Lakeland Plastic

Combination of imprinted concrete walls and earth embankment to boundary of site

Mintsfeet

Earth embankments set back from watercourse and landscaped providing an ehanced area for the community and

Beezon Fields

Lowering of existing riverbank within open land. Tree planting, habitat enhancement and educational play features.

Stramongate Bridge to Gooseholme Park Scour repairs and stone faced flood defence wall with integrated glass panels.

Gooseholme Park

Stone faced flood wall with low sections topped by railing. Section of glass panel riverside between Stramongate Bridge and Gooseholme Park. Floodgates providing access into public area.

Little Aynam

Stone faced flood defence wall to tie into new footbridge.

Miller Fields

Stone faced wall featuring Webster railing design and new riverside footpath.

Aynam Road

Combination of stone faced wall with low sections topped by railing, and 411m of continuous glass panels along Aynam Road.

Ford Park, Natland Road

Imprinted concrete wall, raised kerb and shallow ramped path to maintain public access at downstream end.

Smooth finish concrete wall with low sections topped with railing

Watercrook Farm Localised road lowering

Fig 4.1 Design Strategy

The proposed scheme and finishes to the design components responds directly to their location within each of the identified character areas











