Kendal Flood Risk Management Scheme Waterside and Aynam Road

The Environment Agency is delivering a proposed three phase Flood Risk Management Scheme to better protect homes and businesses from flooding in the Kent catchment and improve the local riverside environment and community amenities. Kendal is the first phase being delivered and will be followed by proposed works at Burneside, Staveley, Ings and upstream storage.

Waterside

The construction of the flood defences at Waterside will be delivered from the river side which will provide the working space required and will protect vital services that run underground along Waterside.

A temporary bridge crossing and working platform will aid the construction of the flood wall from the riverside. The bridge crossing and platform have been designed to provide a stable river crossing and working area for construction traffic and materials to be brought onto the working site. They are also designed to withstand high river flows and whilst in situ do not pose any increased flood risk to this area.



The flood wall will run along the riverside and will be finished in natural stone cladding. The wall will be topped with slimline stainless steel glass panels which will retain riverside views. A flood gate feature at the end of the glass panel section will retain riverside access and only closed during flood conditions.



Imprinted concrete Smooth finish concrete Glass panel Natural stone cladding

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

> Dockray Hall 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

wall replacing existing riverside railings. Floodgates at downstream end to maintain existing public access.

Waterside 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 flood defence linking to Kirkland.

Romney Gardens beside existing footpath.

Raising and extension to existing earth embankments and road raising and lowering.



European Union **European Regional Development Fund**





CAPITA





The construction of the flood defences along Aynam Road will run along the existing riverside footpath. The flood wall will be finished in natural stone and in a central area stretch will be topped with stainless steel glass panels to retain riverside views.



Flood gates will feature in key locations which will retain riverside access and only closed during flood conditions. In the Northern end of Aynam Road at Miller Fields, the flood wall will feature a 'Webster' railing design. These historically significant railings feature at Miller Bridge and will be replicated to provide a new 'gateway' to





