

# Behind the Scenes: Inspection of Flood Defence Wall Panels

Team members recently visited our manufacturers to inspect the latest batch of new flood wall panels for the Preston and South Ribble Flood Risk Management Scheme.

They inspected 46 new flood wall panels – all looked great and ready for installation. Some of the panels recently arrived on site and have been installed along Riverside.



Wall panels inspection



Wall panels arrive on site

The concrete is cast to the desired shape in a mould. Once the concrete has cured, the main section of the wall unit is sandblasted to create a slightly textured and patterned finish. The surrounding outer picture frame has a contrasting finish.

## Broadgate Bus Service Update

The two bus stops opposite Kilruddery and Ardee Roads have been reinstated and returned to use with a partially restored bus service now running.

Reinstatement of the full 119 bus route, which goes along South Meadow Lane, Wolseley Road and into Broadgate, is expected later this year.

A free dial-a-ride service remains in place. Elderly or disabled residents can book FREE transport into the city centre or to Morrison's supermarket by contacting Preston Community Transport on 01772 204667 (option 2). Please tell them you are a resident within the Flood Scheme area.



Partially restored 119 bus service

SPRING 2024

## PRESTON & SOUTH RIBBLE FLOOD RISK MANAGEMENT SCHEME

# NEWSLETTER



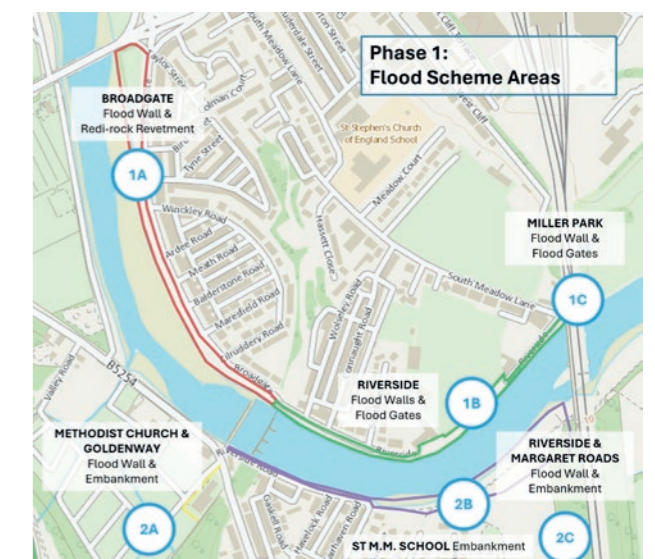
## More Construction Milestones Completed

Good progress continued to be made on the Preston & South Ribble Flood Risk Management Scheme over Winter and into the early part of Spring.

Works on Broadgate (phase 1A) are complete! You can read more about the new look Broadgate Gardens inside. Meanwhile, works in the Leyland Road area (phase 2A) and at the rear of St. Mary Magdalen Primary School (phase 2C) are also finished!

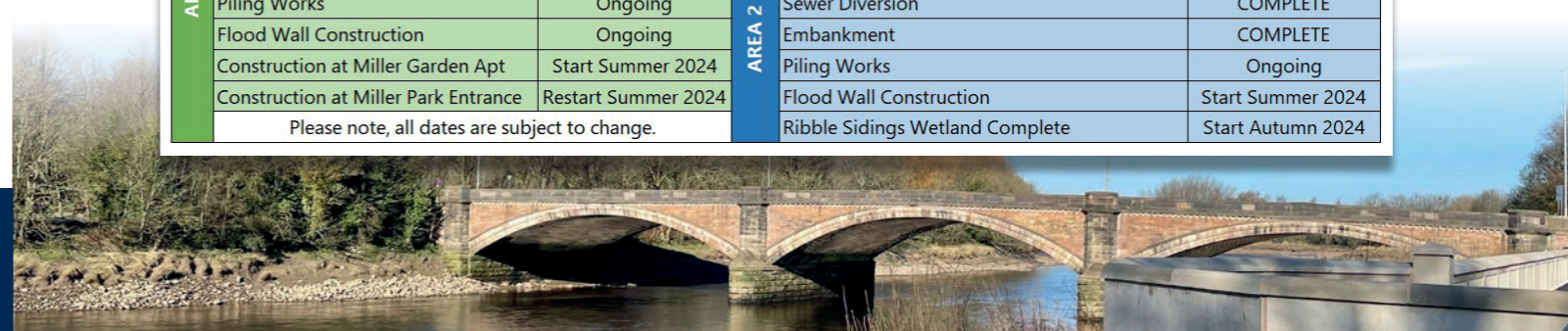
Over the next few months, construction will be focused along Riverside (phase 1B) and at the entrance to Miller Park (phase 1C) on the north side of the Ribble. Works will also continue on Riverside Road (phase 2B) on the south side, and we will be installing a new flap valve on Fish House Brook. Read overleaf for a little more about what's planned.

We would like to thank local residents on Broadgate and Riverside, and in Lower Penwortham for their patience while works are ongoing.



	LOCATION & WORKS	SCHEDULE		LOCATION & WORKS	SCHEDULE
AREA 1 - Preston	<b>Broadgate</b>		AREA 2 - Lower Penwortham	<b>Leyland Road Area</b>	
	Services	COMPLETE		Golden Way / Penwortham Residential Park	COMPLETE
	Redi-rock Revetment	COMPLETE		St Mary Magdalen School – Embankment	COMPLETE
	Piling Works	COMPLETE		Leyland Road – Electricity Cable Diversion	COMPLETE
	Flood Wall Construction	COMPLETE		Penwortham Methodist Church & Allotments - Flood Wall	COMPLETE
	Broadgate Footpath & Gardens	COMPLETE			
Riverside	<b>Riverside</b>			<b>Riverside Road &amp; Ribble Sidings</b>	
	Services	COMPLETE		Enabling works	COMPLETE
	Piling Works	Ongoing		Sewer Diversion	COMPLETE
	Flood Wall Construction	Ongoing		Embankment	COMPLETE
	Construction at Miller Garden Apt	Start Summer 2024		Piling Works	Ongoing
	Construction at Miller Park Entrance	Restart Summer 2024		Flood Wall Construction	Start Summer 2024
	Please note, all dates are subject to change.		Ribble Sidings Wetland Complete	Start Autumn 2024	

email: [psr@environment-agency.gov.uk](mailto:psr@environment-agency.gov.uk)  
 website: [www.thefloodhub.co.uk/psr](http://www.thefloodhub.co.uk/psr)  
 write: PSO Team, Lutra House, Dodd Way (off Seedlee Road), Preston, PR5 8BX  
 visit: Information Hub at BAC/EE Social & Sports Association off South Meadow Lane, Broadgate, Preston, PR1 8JP  
 Open Wednesdays & Thursdays 10am-3pm





# Flood Scheme Area Updates

**BROADGATE** Completion of reinstatement works at Broadgate Gardens marks the end of phase 1A of the Scheme along Broadgate. The new defences in this area run for 568 metres between Liverpool Road Bridge and Penwortham Old Bridge and includes 180 flood wall panels. The adjoining shared footpath and cycleway – part of the Guild Wheel – has been resurfaced and been open since December.

In February, stonemasons installed sandstone blocks at Penwortham Old Bridge connecting the historic bridge to the new flood wall. Over time the new stone will weather and start to blend into the older stones.



Sandstone infill at Penwortham Old Bridge



Resurfaced paths at Broadgate Gardens

**BROADGATE GARDENS** A significant milestone has been reached with the revamped Broadgate Gardens opening to the public.

Path resurfacing was completed in mid-January, after which the garden was prepared for planting with new topsoil. A mix of fruit trees, ornamental shrubs, and flowers have been planted. Temporary picket fencing has been placed around the new plants and turf while they become established. Daffodil, crocus and snowdrop bulbs will be planted later in the year ready for next Spring.

There will be more than 450 shrubs and trees in the garden to help create interest all year round and support wildlife, including bees and birds. There is also new seating, and the old viewing platform has been restored, so visitors can enjoy views of the River Ribble.

Broadgate Gardens was officially opened and handed back to Preston City Council on 16th April 2024.



Inspecting planting at Broadgate Gardens



Fencing being erected



Turf being laid

**RIVERSIDE** Continuous Flight Auger (CFA) piling has continued since the New Year along Riverside. CFA piles are the concrete pile foundations that support and provide strength for the new flood walls, so they can withstand the pressure of floodwaters.

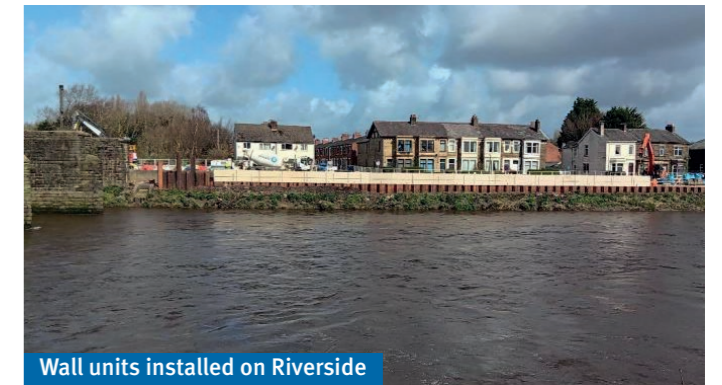
Sections of the old flood wall has also started to be removed to allow construction of the new wall. Temporary flood defences are provided by the steel sheet piles and the ‘bulk bags’ stored nearby. The bags can be moved into position in the event of a flood warning.

Pre-cast wall panels have also been delivered to site and have started to be installed. In some locations the walls will be topped by glass panels, to ensure the river views are maintained. The construction team has also been casting some concrete flood walls “in-situ” near the Gas Pipe Bridge.

The flood wall at the rear of BAC/EE is nearly complete, and coping stones have been installed on top. Later this year, a fence and netting will be erected behind the wall to help prevent balls from being accidentally kicked or knocked out of the sports ground.



Piling on Riverside



Wall units installed on Riverside



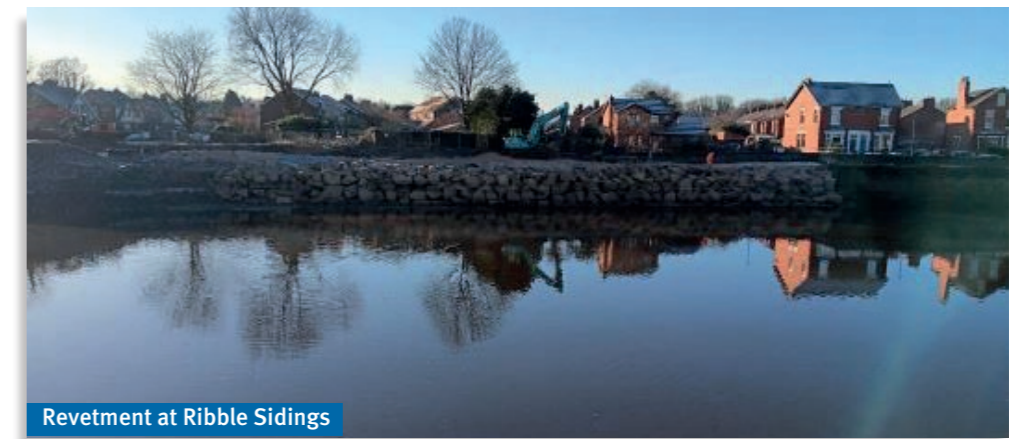
Piling on Riverside Road

**RIVERSIDE ROAD** The road closure came into effect on Riverside Road in January. We have taken the decision to split the works so that only half the road needs to be closed while works are ongoing. This will minimise the impact on residents and help with access. If any residents are struggling with access, for example if you need to arrange a delivery, please contact the team for assistance.

Along Riverside Road, excavation and removal of the footpath has been undertaken to allow CFA piling to commence. We are conducting vibration monitoring while works are ongoing.



**RIBBLE SIDINGS** A new revetment has been constructed along the river close to the rear of Margaret Road. It is made up of large boulders, which help protect the riverbank from eroding. The gaps between the boulders have been filled to encourage vegetation to grow. Over time it will start to blend in with the riverbank.



Revetment at Ribble Sidings



Get the latest updates on your phone with the VolkerStevin Engage App. Use the QR or visit your app store to download. You can also visit our website at [www.thefloodhub.co.uk/psr](http://www.thefloodhub.co.uk/psr)

Follow the Flood Scheme’s progress on @EnvAgencyNW