

# Clyde Waterfront and Renfrew Riverside

Construction Phase  
Newsletter

| April 2024

## Construction Update

We are pleased to inform you that works have been progressing well on both sides of the river.

Over the past few months, the team have completed all concrete work on the North and South pivot piers, abutments and plant rooms.

Following completion of concrete works, the site teams have commenced work on the bridge slew bearings.

All temporary mooring piles have now been installed in the River Clyde which will be utilised in the offload of the first section of the bridge due to arrive in April 2024.



Image showing North and South Pivot Piers

Work at the new layby berth on the north of the River Clyde is progressing with all piling works now completed.

This included the installation of a sheet pile wall which is constructed of 370 piles.

The piles are all underwater and will be used to retain the existing revetment. The 16 piles are 1420mm in diameter and 32m in length, used to support four dolphin/fender structures.

Dredging of the berth pocket to accommodate the mooring of vessels utilising the new layby has been completed, allowing the team to progress with the installation of five fenders and walkways.



Image showing the dredging at Layby Berth

## Dolphins Installed

Another important phase of the project has been completed recently as four dolphins were installed in the river near the site of the new bridge. Unlike their namesake, they won't be swimming through the water as these ones are steel structures designed to provide the additional safety infrastructure required for boats moving along the river past the new bridge.

The structures took five months to create and were cut, welded, and assembled by the steel fabricating company Had Fab at Westway in Renfrew - with local Renfrew company Clyde Corrosive Control carrying out the blasting and painting.

Using 100-tonne cranes the dolphins were lifted onto a transporter then onto a barge and were sailed down the White Cart, onto the Clyde, and into their final positions – with four dolphins installed to support vessels up to 160m in length.



Image showing one of the four dolphins

## Bridge Fabrication Update

Fabrication of the bridge is now complete with painting of both sections in their final stages.



Image showing the completed south section of the bridge ready for delivery

## Considerate Constructors Scheme Award Nomination

We are delighted to have received maximum scores in our last three audits. Scoring 15/15 points in the 'Respect the Community', 'Care for the Environment' and 'Value their Workforce' categories. The Project has now been nominated for a Considerate Constructors Award which will be presented to the CWRR team in April 2024.



## Project Contact Details

Visit us at [graham.co.uk](http://graham.co.uk)

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## Community Engagement

Gary Redpath recently visited Our Holy Redeemer's Primary School in Clydebank to discuss the environmental factors involved when working in and around the Clyde.

Pupils had the opportunity to get creative with a bridge-building activity which, while fun, also focused on developing valuable life skills such as critical thinking, and problem-solving, and opening their minds to rewarding careers in construction.



Year 5 pupils enjoying the bridge building activity

The CWRR team has now engaged with over **1,000** pupils in Renfrew, Clydebank, and Glasgow.

This engagement is made up of Science, Technology, Engineering and Maths (STEM) workshops delivered at schools as well as site visits and work experience placements.

We recently engaged with, supporting their Year 5 pupils with a project on the River Clyde.

This month, staff at GRAHAM jointly celebrated International Women's Day and our support for WaterAid's 'Walk for Water' campaign.



CWRR staff that took part and walked for water

## Arrival of the Bridge

With construction continuing to proceed well, plans for the arrival of the bridge continue and we expect the first section to arrive in Renfrew in mid-April, with the second section arriving a month later in mid-May.

The bridge sections have been built and fabricated in Belgium and Holland and will sail here on a barge, crossing the North Sea and the English Channel before sailing along the Clyde past Dumbarton Rock, under the Erskine Bridge into Renfrew where it will be situated.

Once both sections are in place, commissioning work will take place ahead of the new bridge opening to the public.

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