

Queensferry Harbour

Progress Update 6

23/06/2023



Project Update

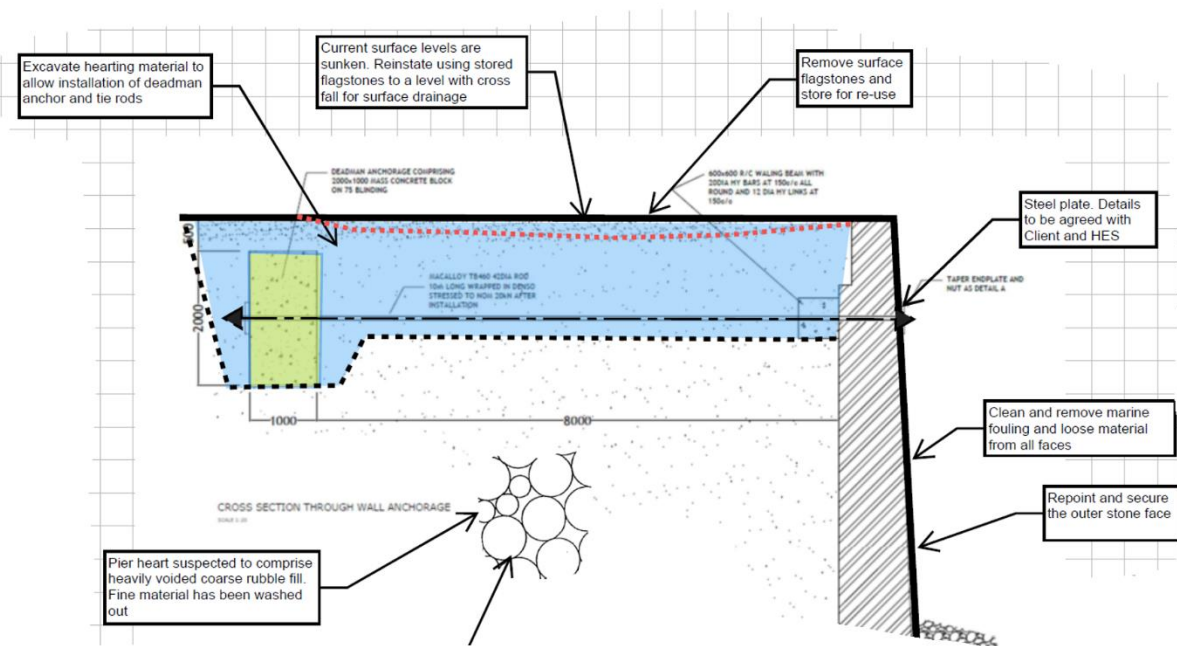
The tendering process for the Queensferry Harbour repair project is now complete. Southbay Civil Engineering have been appointed as the contractor to carry out the repairs. Southbay have extensive experience in repairing marine structures and have worked on various projects across Scotland and northern England. During the tendering process they cited several examples of working on projects of a similar size and complexity to Queensferry Harbour with clients including Moray Council, Forth Ports and Scottish Power.

The repairs are scheduled to begin on Tuesday 29th of August. This is to avoid the works beginning during the Edinburgh Festival. Southbay may be on site periodically before this date to do preparation or investigative work in advance of the repair work starting. It is anticipated the works will be carried out over the course of roughly eight to ten weeks. This may extend further depending on how the project progresses. There is scope to carry out smaller repairs around the harbour which will be carried out while Southbay are on site, if the budget allows.

Design

After discussions between City of Edinburgh Council, Southbay and design consultant Mott Macdonald, a design has been finalised. The focus of the repairs will be on the north pier. The block work on the external faces will be pointed to prevent any material washout. Internally, the infill material will be replaced with a granular material, which will allow water to drain through it. Pumping grout into the internal voids was considered; however, this was seen as a potentially risky option as it could apply excessive hydraulic pressure to the pier walls.

The walls of the north pier will be tied to a mass concrete anchor block which will be located internally within the structure. The external walls will be anchored to the mass concrete block using a series of Macalloy bars. A frame will be erected around the pier walls during the repairs which will support the walls while excavations take place.



1 Repair Detail

Site Access

During the repairs, Southbay will have machinery in operation on the pier deck. The site compound will be located in a section of the car park at Rose Lane and the machinery will be moving between the compound and north pier. The location of the compound will be selected to cause minimal disruption. This will mean that there will be times during the project when the west and north piers will be closed off to ensure the safety of pier users. As a further precaution, the memorial benches along the west and north pier will be temporarily removed and stored by the contractor to avoid damage during the repairs. Once the work on site is finished the benches will be reinstated.

During the course of the project, it may be necessary to have some boats moved to allow for site access. Queensferry boat club will be notified in advance if this needs to happen.

We will keep you updated on the progress of the project and update you if there are any changes to schedule.