

Banff Harbour Repair Works to East Pier and Railway Jetty

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Project Overview

- **Repair works of pre-existing East Pier and Railway Jetty at Banff Harbour.**
- **Project Operating as an NEC Option A Contract with a project value of £1.3m**
- **Repair works considered essential to ensure the harbour can continue to operate safely, while ensuring the structural integrity and preservation of the listed structures.**
- **26 week programme, current target is to have the site cleared and handed over (harbour open) by 18th August 2021.**

The Project Team

- **Aberdeenshire Council – Corrie McCall (Principal Officer – Harbours)**
 - Overall responsibility for the project. Will be involved in liaising externally with stakeholders and keeping all updated on project progress.
- **Turner & Townsend – Scott Adams (Project Manager)**
 - Responsible for ensuring day-to-day management of the project, and ensuring the project runs on time and within budget.
- **Lochshell Engineering – Principal Contractor**
 - The main contractor for the works. Responsible for delivering the works safely and in-line with the contract.
- **AECOM – Designer**
 - Responsibility for most of the design and consulting on specialized matters.

Site Mobilization

- Lochshell Engineering mobilized site set-up on 28th January 2021.
- Set-up within Harbour car park of welfare facilities for site operatives and the Aberdeenshire Council team.
- Space has been created for storage of materials, and preparation of existing facing stone which will be re-instated to the repaired structures.
- Facing stone from the Railway Jetty prior to collapse had been stored in Macduff. This had now been collected and brought back to Banff Harbour. The intention is to use as much of this as possible, prior to using sourced/matching stone.

Site Mobilization



Temporary Works Installation



- Two bunds required to create a working area between the Railway Jetty and East Pier. These have now been completed as of 25th February 2021.

- Teams of divers and earthworks operators have worked together to place a geotextile membrane on the harbour basin as a surface for the stone material to be placed.

- The outer bund, which was completed on Friday, 12th February is shown with a geotextile membrane and rock armour placed along the face. This acts as scour protection to reduce the risk of tidal movement washing away the bund.

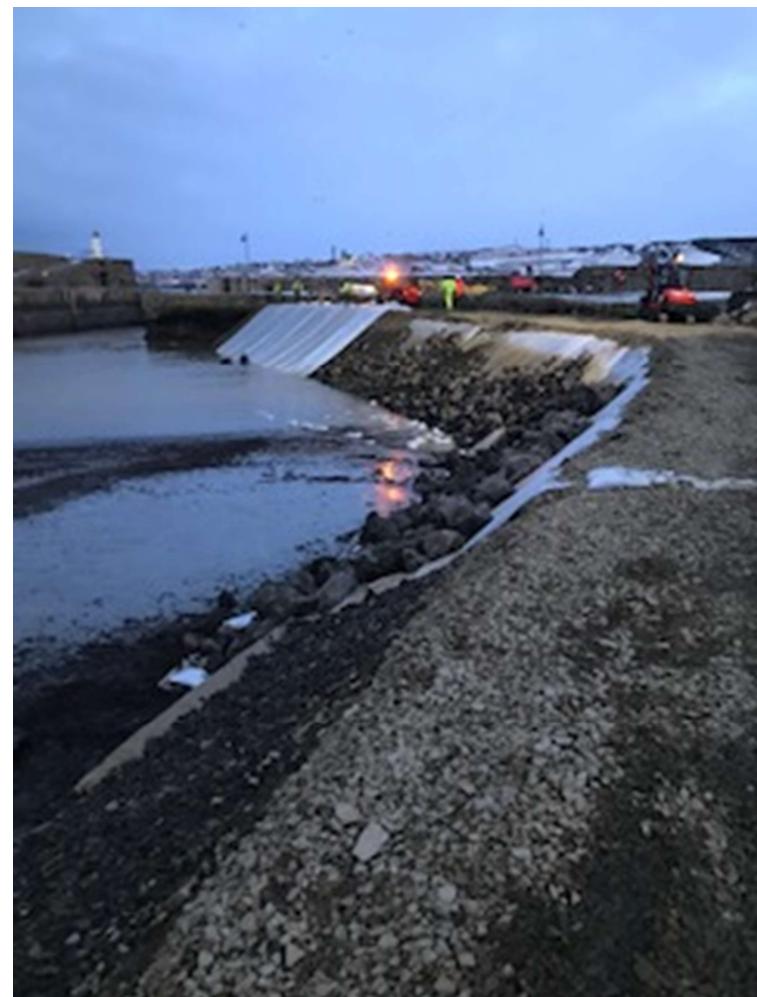
- Tidal levels are being monitored now that the inner basin has been banded off from the harbour entrance. At present the water level is rising and falling with the tides, and no concerns are being raised by the project team.

- The removal of this material sits at the back end of the programme and once complete it's hoped the harbour will re-open. This is currently due to begin late July 2021 once we confirm that the permanent repair works are complete and have been inspected.

Temporary Works Installation

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Temporary Works Installation

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East Pier & Railway Jetty

- East Pier deckstones have started to be removed, these have been surveyed and stored to allow for re-instatement of a similar pattern.
- Over the next few weeks we should see a temporary solution over the East Pier backwall to reduce water ingress. Following this we should begin to see deconstruction of the East Pier face.
- No works have taken place to the Railway Jetty to date.
- We expect to see the removal of gabion baskets in the next week. We will then start to see this area being prepared for permanent re-instatement.
- For both East Pier and Railway Jetty there is work taking place on producing pre-cast L-Panels off site which are scheduled to be delivered and installed in April.



Programme Update

- The completion of the temporary bund has happened early, which indicates that the construction programme is currently ahead. We are still at an early stage and at present would not be advising of a change to 18th August 2021 as the harbour re-opening date.

- Over the next few weeks we will see the East Pier face being de-constructed, along with the Gabion baskets at the end of the Railway Jetty being removed.

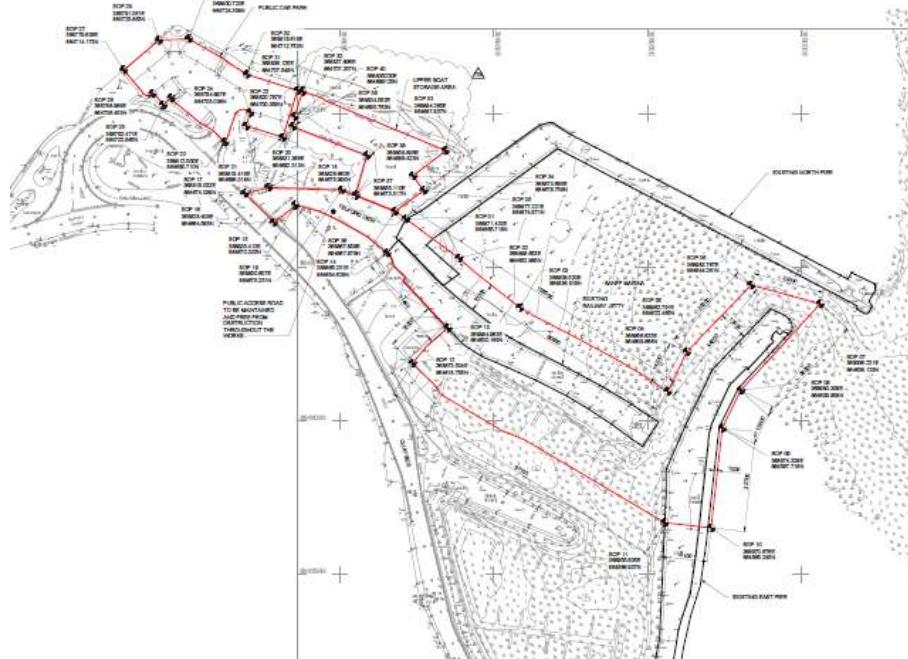
- The Contractor is currently producing large pre-cast units off-site which will be delivered and installed throughout April, this will see the beginning of re-instatement of both the Railway Jetty and East Pier.

- Some minor works are scheduled for after 18th August 2021, however these should not impact harbour operations and are linked to demobilization of site welfare etc.

- A key focus on working to reduce the duration of harbour closure and improving on the 18th August 2021 date. Regular updates will be provided during the works.

Interface with Harbour Users/Community

- There is currently no public access to the Harbour office/toilets, North Pier, Railway Jetty and East Pier.
 - The Harbour car park and upper boat compound are currently being utilized by the Contractor for site storage and welfare.
 - Harbour users are able to access the marina through the gate located on Quayside. Access to the lower compound is also available from Quayside.
 - Monthly updates will be provided to harbour users advising on progress.
 - Recent no stopping restrictions along North Castle Street have been lifted following completion of the temporary bunds on 25th February 2021.



Project Benefits

- Workers staying within the area will provide a boost to the local economy through staying in accommodation and visiting shops.
- There will be opportunities to engage with community groups to showcase the importance of Banff Harbour.
- Opportunities to engage with local schools to talk about the works and provide career advice for those interested in working in the construction industry.
- Long-term repairs to both the East Pier and Railway Jetty which will preserve the listed structures and provide a safe and efficient environment for harbour users and visitors to the local area.



Q&A

Thanks for your time!

Any Questions?



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