

View looking towards Humber Bridge from New Holland – July 2023

Welcome to the Project

Tidal flooding is a long-standing problem for the communities of Barton, Barrow and New Holland, along the Humber Estuary. Previous tidal flood incidents such as the last major incident which took place on the 5 December 2013, highlight the need for improved tidal flood defences and better the community's ability to respond to, withstand and recover from flooding.

This scheme aims to develop an approach to alleviate tidal flooding which has the community, sustainability, and adaptation at its core.

Project Update

In May, a topography survey was completed, this provided the team with a 3D grid of references and the varying heights of the ground. The findings from these surveys will help us to assess which options will work best with existing ground conditions.

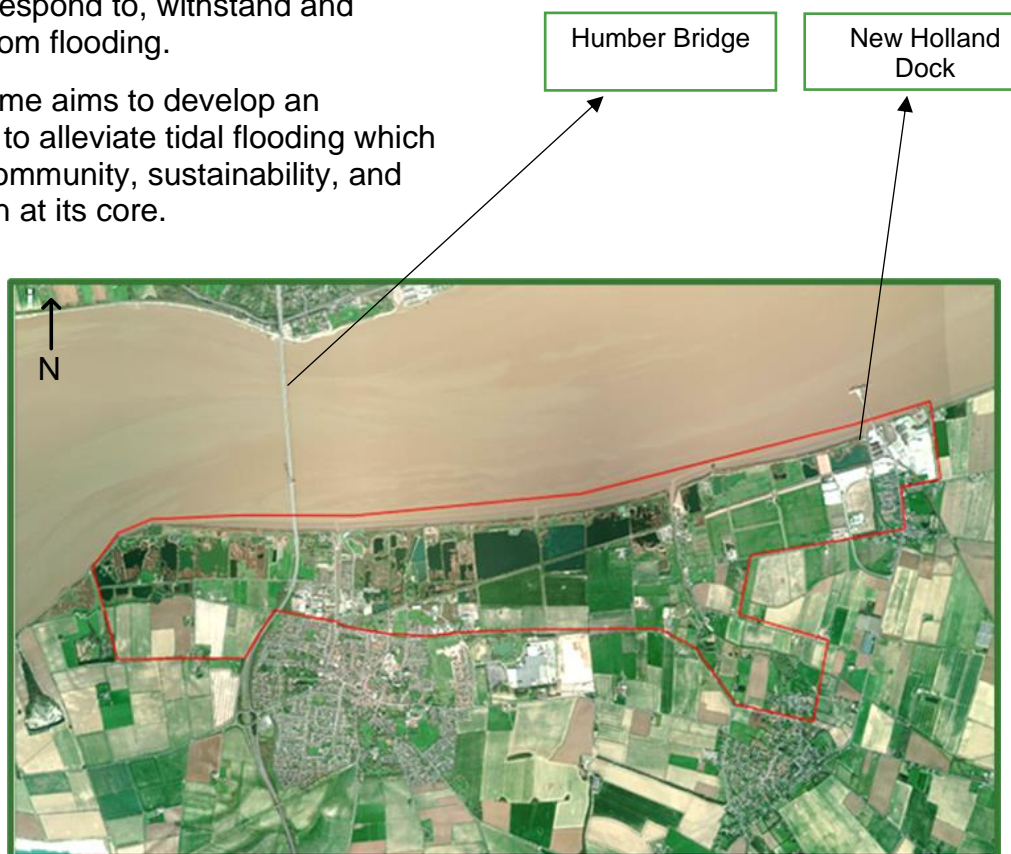


Figure 1: The red line shows the extent of the project area boundary between Barton and New Holland



Bird Survey Update

Over the past year we have been conducting on site bird surveys to gather data on the numbers and distribution of breeding and non-breeding birds across the site. These surveys are used to identify any key species living and breeding within the project area. The data from these surveys will help us to identify areas of sensitivity, better understand how potential options may impact/interact with the local wildlife and how we could adapt our options to protect their habitats.

In 2024 we will be carrying out intertidal botanical and waterbody surveys to explore how our option designs could contribute to increased biodiversity net gain.

If you have any questions about these findings or would like to know more, please email us at
BartontoNewHollandFAS@environment-agency.gov.uk

Ground Investigation Results

In February, we visited site to conduct ground investigation surveys. The aim of these surveys was to confirm site-wide ground conditions to inform the options appraisal.

The ground Investigations revealed that all embankments are similar in structure and composition with only a few variations. The ground under the tidal flats deposits (marsh land) is of low strength, this type of ground condition will not be suitable for all options. We will now analyse the data and assess the shortlist of options and their suitability further.

Bird Surveys – What we found

14 Bittern Territories
(That is 6% of the national population of Bitterns)



4 Marsh Harrier nests



83 Cetti's Warbler territories



53 species were identified in total, 9 of which are red listed and are endangered in the UK, Channel Islands and Isle of Man

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Get involved

We have been looking at new ways to spread the word about this project and get even more of the community involved.

A poster is on display in local shops, nature reserves, and community centres. If you haven't seen one yet and know a good place for one to be displayed, please let us know by emailing us at – BartontoNewHollandFAS@environment-agency.gov.uk

Earlier this year our project web page had a refresh, search Barton to New Holland Flood Alleviation Scheme online to see. On this page you can find the latest project updates and information, spread the word among your friends and family and let them know about the important works coming to your area.



Figure 2: View of Humber Bridge from Waters Edge Country Park and Visitor Centre

Next Steps

Project

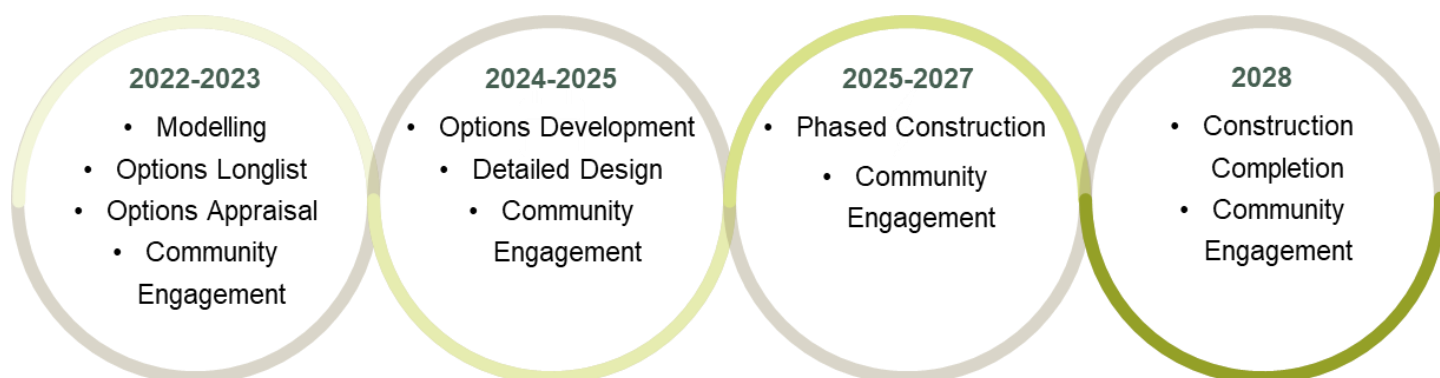
- We are further developing and refining the short list options, with the aim to choose a preferred option early 2024.
- We will shortly be starting our economic assessment; this must be completed as part of the funding application process.

Engagement

- In early 2024 we will be holding drop-in events to share our draft plans with the wider community, keep an eye on our newsletters and Citizen Space for more information on upcoming community events.

Project Timeline

The project is due to be completed in 2028. The timeline below explains what will happen at each stage of the project.



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