

Design and Access Statement.

Mill Lane and Harbourside Flood Defence Scheme

Frontage 1B of the Coastal Partners scheme Chainage 0 to 145m

Introduction

This project will improve the flood risk for approx. 20 houses.

It is not a complete solution on its own, but it does address the principal flood risk arising from the existing low defenses at the western end of Mill Lane.

Flood risk is increasing due the rising sea levels accompanying global warming and long term geological movement.

A high tide in April 2024 reached record levels in our area.

Coastal Partners have carried out a detailed design of upgraded defences for the whole of Langstone. However, the western end of the project, the Mill Lane area, is unfunded.

The full Langstone design has been through an extensive public consultation process over several years.

We have been fortunate that Coastal Partners have provided the Mill Lane residents with their detailed design and this is the basis of our application today.

As a self-funded community project, we intend to construct their design from chainage zero, at Mill Lane, southwards down to chainage 145.

It is hoped that further phases, to follow, will complete the project, extending this work round to the old railway line and connecting with the Coastal Partners main project.

The Coastal Partners design itself, and much supporting documentation, is online at the Coastal Partners website.

Design

The only visible part of this application is an earth embankment within the field at the end of Mill Lane. Once the topsoil has been replaced on the top of the new bund and the grass has regrown there will be little change to the character of the field.

The bank is 0.6m tall at the northern end and approx. 1.5m tall at the southern end, with gently sloping sides.

Once completed the visual impact of the project will be minimal.

Access

The works take place on private land and there is no public access. (No footpaths)

No part of the works is within the Langstone Harbour SSSI.

The slopes of the bank are very gentle, and should be safe for anyone likely to be accessing the field itself.

Construction

The access for the site works will be via the field gate on Mill Lane.

The works will be carried out during the summer, May to September, minimising disturbance to wildlife on the nearby harbour.