

Defence Options



Seawall



Embankment



Land Raising



Rock Revetment



Setback Floodwall



Steel Sheet Piling



Concrete Revetment



Timber Clad Piling



Vegetated Terrace

There are a range of options available when selecting designs for flood and coastal erosion risk management measures. The images above include defence options that are typically seen in a coastal environment and include a number already found along the Portchester and Paulsgrove coastline.

We have collected a lot of information regarding the existing coastal defences including:

- Assessment of their current condition
- Original drawings of the defences
- Local ground conditions

This has all helped to build a robust option assessment. Initially we developed a long list of options. This includes considering any approach that might be feasible notwithstanding local constraints or consideration of matters such as cost.

The next step is to narrow down this long list of options to a shortlist by considering:

- Alignment with coastal policy
- Affordability
- Technical Suitability
- Health and Safety
- Habitats / Biodiversity
- Heritage
- Landscape, public access and amenity
- Water quality

What you see today is the outcome from the shortlisting process. The next stage is to take each of these options and rigorously test them to allow us to select the preferred option for the coastline. We will look at the economic case for improvement and also promote the best environmental option. We intend to present the preferred options at a similar event later in the summer.

Working together - protecting our coastline