

# Harbours Advisory Committee

## 7<sup>th</sup> June 2023

### Flood & Coastal Erosion Risk Management (FCERM) Engineering Update

#### For Review and Consultation

**Local Councillor(s):** ALL

**Executive Director:** J Sellgren, Executive Director of Place

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**Report Status:** Public

#### Brief Summary:

The purpose of this report is to provide an update and consult with Harbours Committee on the Flood and Coastal Erosion Risk Management (FCERM) engineering activities being undertaken within all three Dorset Council Harbours.

#### Recommendation:

Review report and comment upon progress of current activities.

#### Reason for Recommendation:

Update and consult with Harbours Advisory Committee.

#### 1. Report

##### 1.1 Bridport Harbour (West Bay)

###### (a) Dredging

Dredging operations have been successfully completed for 2023. Planning has already commenced for next year's operations in conjunction with the Harbour Master.

###### (b) Inspections

The Coastal Risk Management Team undertake annual, scheduled, routine asset inspections of West Bay Harbour. Inspections were completed in October 2023; next round of inspections are due in summer 2023.

(c) **Repairs**

No repairs of note but we continue to monitor harbour structures.

(d) **Harbour Wall B Stabilisation & Repair**

The preferred option involves cleaning the wall and removing the loose material at the base, installing a new toe structure, stabilising the ground behind the wall, installing a waterproof layer and resurfacing.

Discussions with the conservation team have been organised due to its locality within the conservation area.

The walkway behind the wall is now partially open once again.

Key Milestones:

<b>Task</b>	<b>Programme</b>
Stakeholder engagement	Ongoing
Design Development	Spring-Summer 2023
Permits and Licences determination	Spring-Autumn 2023
Proposed Construction start	Autumn/Winter 2023

## 1.2 **Lyme Regis Harbour**

(a) **Dredging**

Dredging operations have been successfully completed for 2023. Planning has already commenced for next year's operations in conjunction with the Harbour Master.

During dredging operations, the dredged material is released onto the adjacent Sandy Beach where part of it is retained and the rest of it runs off and settles in the shallows. Because of this practice, some concerns were raised by stakeholders and other parties within the community. We therefore did a comprehensive analysis of the sediment, to determine whether there are any environmental and public health risks that may arise from this practice. I am pleased to report that no risks were flagged through the results, and that the dredged material is safe with regards to substances tested.

(b) **Inspections**

Asset inspections have commenced for this year. They are expected to be completed by the end of June 2023.

(c) **Repairs**

We are continuing to monitor The Cobb structure and repair the surface, as necessary.

The Cobb high wall has recently suffered storm related damage and the walkway had to be closed due H&S concerns. Engineers have monitored the damage over the past month and are now engaging with a contractor to repair the High Wall walkway. The repair will be undertaken as soon as practicable.

A keystone block was dislodged by a fishing vessel incident at the Victoria Pier steps in February 23. Repair is complete.

(d) **Lyme Regis Environmental Improvement Scheme Phase 5**

The next stage of the project (pre-construction) is underway and includes engagement with the public, stakeholders and commercial users, as well as final design and licensing applications. Discussions with statutory consultees such as Historic England, Natural England and the Marine Management Organisation have been organised.

Construction is proposed to commence in 2024 but it is looking increasingly likely that this will need to be delayed until 2025 due to additional investigation, design changes and licence application timelines.

Key Milestones:

<b>Task</b>	<b>Programme</b>
Stakeholder engagement	Ongoing
Design Development	Winter 2022 – Summer 2023
Permits and Licences determination	Spring 2023 – Spring 2024
Proposed Construction start	Summer 2024

1.3 **Weymouth Harbour**

(a) **Dredging**

Nothing to note.

(b) **Inspections**

The Coastal Risk Team undertake scheduled, routine asset inspections Weymouth Harbour. Inspections were completed by end November 2022; next round of inspections are due Summer 2023.

(c) **Weymouth Flood & Coastal Risk Management Scheme Phase 1**

The Outline Business Case (OBC) is in the process of being developed and is programmed for completion in late 2024. Optioneering and preliminary design are progressing while flood modelling and engineering surveys are underway. Appointment for Early Contractor Involvement (ECI) was made December 2023. The second round of stakeholder engagements should commence spring 2023, with more engagement events planned in future.

Key Milestones:

<b>Task</b>	<b>Programme</b>
Stakeholder engagement	Ongoing
Permits and Licences determination	Winter 2024 – Autumn 2025
Outline Business Case	Summer 2022 - Autumn 2024
Initial design period	Winter 2024 – Autumn 2025
Proposed Construction start	Winter 2025

(d) **Harbour Walls F&G (Peninsula)**

Ground investigation work is complete, and we continue to engage with the planning authority and other statutory stakeholders. A preferred option is in development which will lead to a detailed design.

Key Milestones:

<b>Task</b>	<b>Programme</b>
Stakeholder engagement	Ongoing
Permits and Licences determination	Summer 2023 - Summer 2024
Design period	Summer 2023
Proposed Construction start	Autumn 2024

(e) **Harbour Wall 4 (North Quay)**

Ground investigation work is complete, and we continue to engage with the planning authority and other statutory stakeholders. Option and safety issues discussed with the Harbour Team. Good progress has been made developing design drawings for concrete and masonry repairs. Option sketches for handrail reinstatement are also being developed for discussion with planning officers and wider stakeholders.

Key Milestones:

<b>Task</b>	<b>Programme</b>
Stakeholder engagement	Ongoing
Permits and Licences determination	Summer 2023 – Winter 2023
Design period	Summer 2023
Proposed Construction start	Winter 2023

(f) **Pleasure Pier**

The type of railings has been chosen and the railings replacement work has been tendered with a preferred contractor chosen. The procurement of the contractor is being finalised. The railings are currently barriered-off to protect users of the Pleasure Pier.

(g) **Weymouth Strategic Flood Risk Assessment (SFRA) Level 2**

Providing the detailed flood risk evidence base for Weymouth in support of the development of the Dorset Local Plan. The work involves modelling all sources of flooding within Weymouth and around the harbour.

A draft report has been issued and we are awaiting the final report submission which is imminent.

2. **Financial Implications**

- 2.1 There are no financial implications arising from this report. All activities described are within allotted budgets.

3. **Climate Implications**

- 3.1 The regular maintenance and repair to engineering assets is beneficial to their remaining life expectancy and therefore has a lower impact upon the climate than replacement schemes.

Where future replacement schemes are required, the climate impact will be described in more detail within the cabinet paper for the respective scheme.

4. **Well-being and Health Implications**

- 4.1 Repair and renewal of harbour infrastructure aids commercial and recreational activity that is both marine and land-based.

5. **Other Implications**

- 5.1 The regular maintenance and repair to engineering assets is beneficial to their remaining life expectancy and therefore is a sustainable approach to the management of engineering assets.

Where future replacement schemes are required, the impact upon sustainability will be described in more detail within the committee paper for the respective scheme.

## 6. **Risk Assessment**

6.1 HAVING CONSIDERED: the risks associated with this decision; the level of risk has been identified as:

Current Risk: Low

Residual Risk: Low

## 7. **Equalities Impact Assessment**

7.1 An EQiA is completed for all relevant engineering work that may impact upon people. Therefore, an EQiA was not completed for this committee paper. This approach was agreed with a council equalities officer.

## 8. **Appendices**

8.1 Weymouth Harbour Wall Locations Map

## 9. **Background Papers**

None.