



Cobourg Harbour Rehabilitation

Public Consultation

SHOREPLAN



Project Introduction

Cobourg Harbour infrastructure identified in the 2020 Shoreplan Engineering Limited Condition Assessment report as being at, or near end of life, will be repaired.

This infrastructure includes six main structures in two functional areas:

1. North and east basin walls, the fuel dock and the center pier walls - including storm sewers extension.
2. East and west breakwaters.

Repairs will include new basin walls and enhanced breakwaters to provide a safe harbour for decades to come.

Approval of the aforementioned work is per Council resolution 466-20 dated December 3, 2020.



Project Details

Timeline and budget for the work elements are detailed below:

2022

North Basin Walls	\$ 2,535,000
East Basin Walls	\$ 1,525,000
Fuel Dock Walls	\$ 825,000
Centre Pier Walls	\$ 100,000

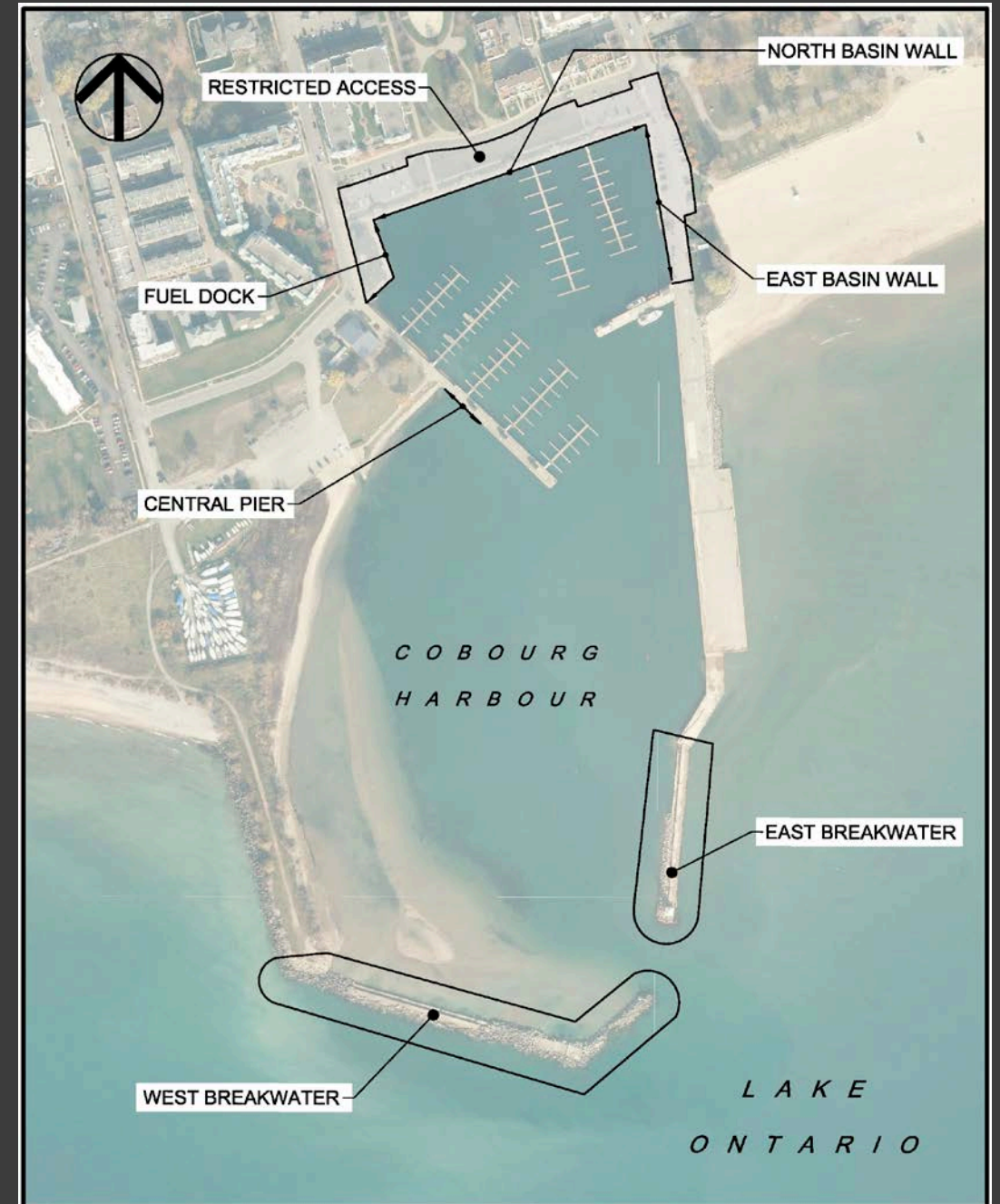
2023

East Breakwater	\$ 2,275,000
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2024

West Breakwater	\$ 5,495,000
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Total Project Budget: \$ 12,755,000



SCOPE OF PROJECT

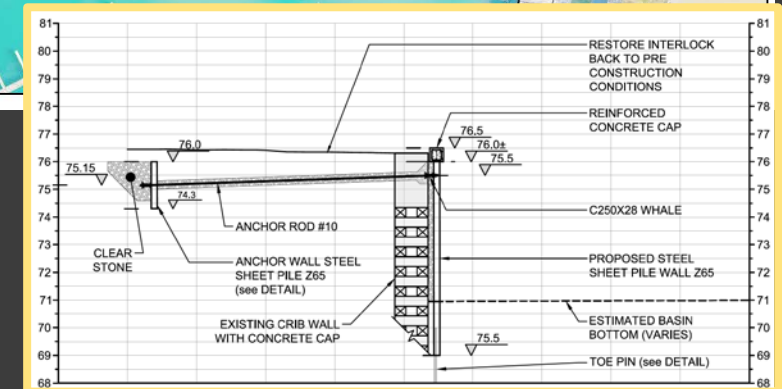
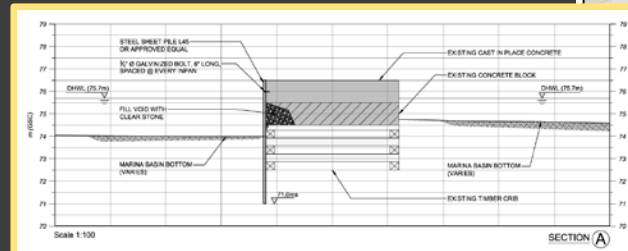
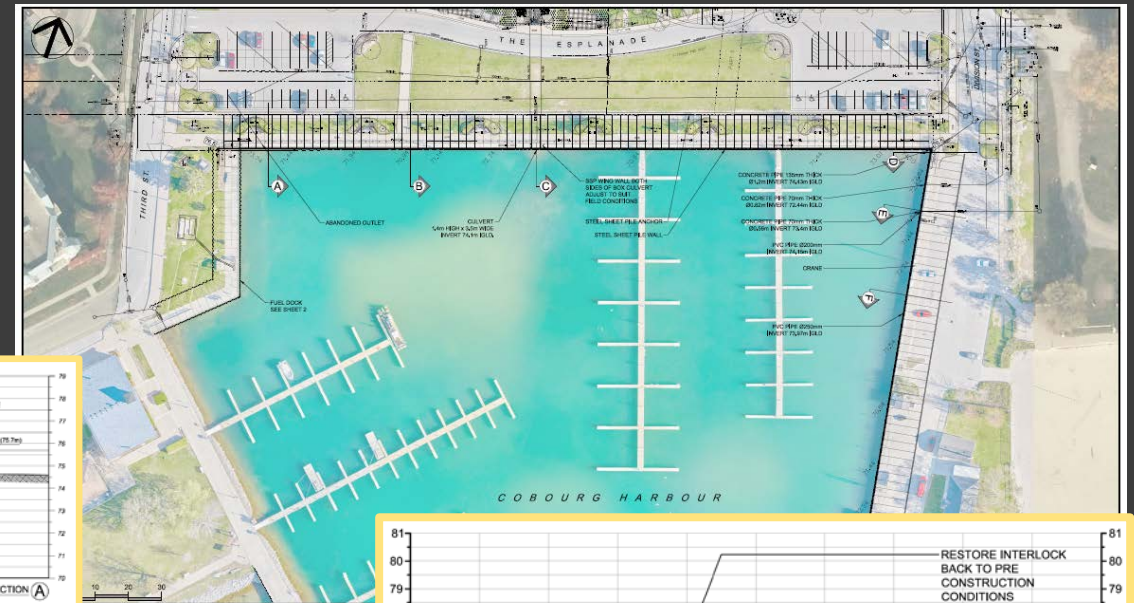
To be executed in two main phases

1

NORTH & EAST BASIN WALLS
FUEL DOCK WALLS
CENTRE PIER WALLS

Rehabilitation of **NORTH AND EAST BASIN WALLS, FUEL DOCK WALLS & CENTRE PIER WALLS** inside the marina basin

- Replace old walls with new steel sheet pile walls with a concrete cap along the water's edge
- Fill behind the wall to ensure that the walkway is even and to reduce the frequency of maintenance required to fill sink holes
- Work will ensure a safe place for load in/ load out of boats



SCOPE OF PROJECT

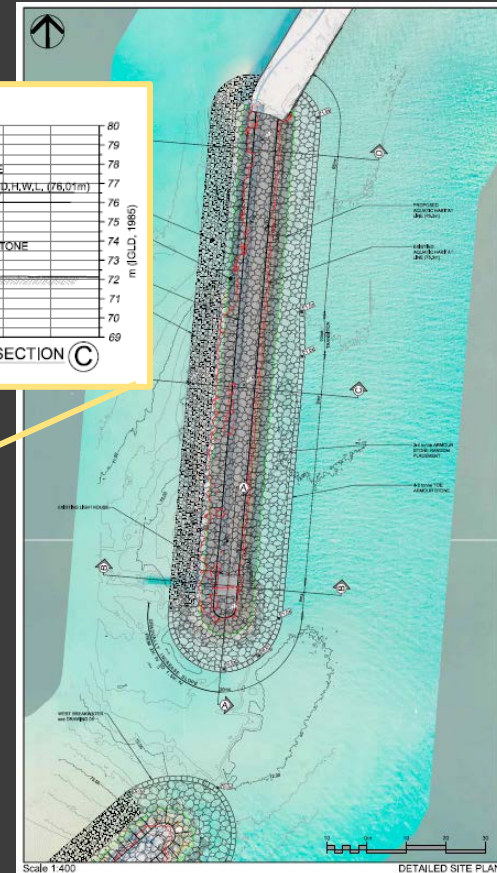
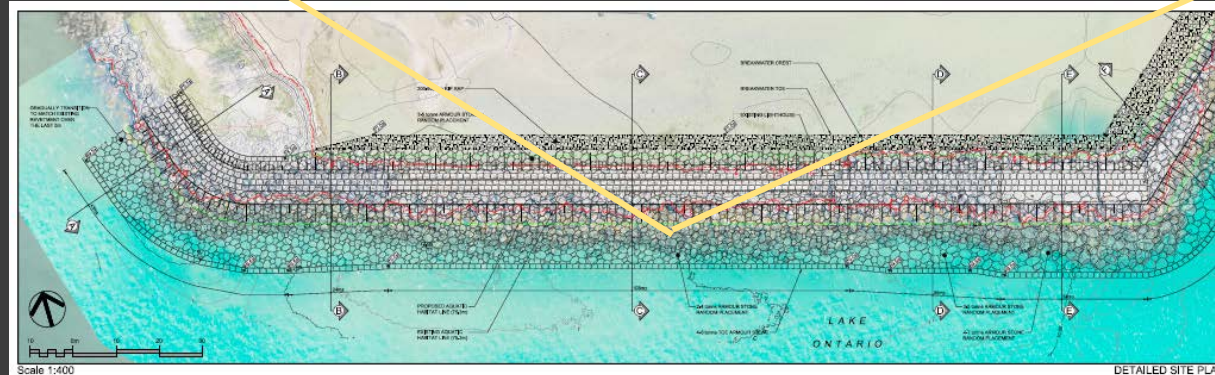
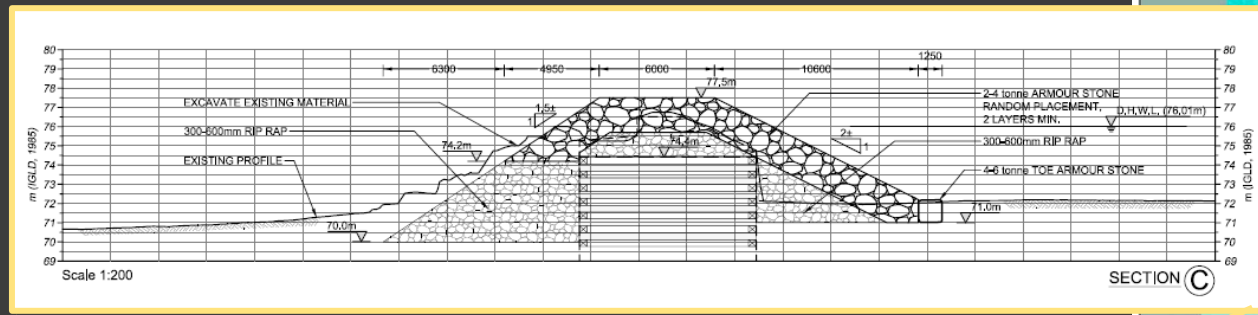
To be executed in two main phases

2

EAST BREAKWATER
WEST BREAKWATER

Rehabilitation of the **BREAKWATERS** that form the entrance to the harbour and protect the basin from waves

- Existing concrete cap modified where required
- Additional stone material will be placed to build up the structures to provide additional protection and increase stability of the failed sections



Obtaining Permits for the Work

Permits and approvals will need to be obtained from various government regulatory agencies including:

- The Department of Fisheries and Oceans
- The Ministry of Natural Resources and Forestry
- The Ministry of the Environment
- The Ganaraska Conservation Authority
- Transport Canada

Permits can take anywhere from 3 months to a year or longer to obtain and may be obtained at different times for different areas or structures allowing some work to start before others.



Expected Timeline

Design: 90% Completion - February 2022

Permitting: February 2022 + 3 months or more

Phase 1 Basin Walls / Centre Pier / Fuel Dock

Retain Contractor: Summer 2022

Construction: Commence Fall 2022
Duration 4 Months

Phase 2 Retain Contractor: Fall 2022

Construction: Phase 2A - East Breakwater
Commence Fall 2023
Duration 4 Months

Phase 2B - West Breakwater
Commence Fall 2024
Duration 4 Months



*East Pier rehabilitation may begin following completion of the East Breakwater pending Council approval

