

Town of Cohasset, 41 Highland Avenue, Cohasset, MA 02025
Cohasset Harbor Infrastructure Planning (“CHIP”)
Working Group Meeting Minutes
Tuesday, May 25, 2021 4pm

Agenda

- Welcome
- Report on progress from CHIP Working Group
 - Review Parker Avenue Boat Ramp project
 - Review Government Island Dock/Pier/Lift System project
 - Review and discuss potential Breakwater renovation and improvement
 - Review Town Dock Conveyor System
 - Review possible dredging program
 - Review resilience programs
 - Review and discuss Harbor Enterprise Fund
- Discuss Next Steps

Attendees (via Zoom)

Tim Davis (CHIP)
George Baumgarten (CHIP)
Lorri Gibbons (CHIP)
Mike Sardina (CHIP)
Eric Crews
Mike Donovan
Jackie Dormitzer
Emily Innes
Carlos Pena
Justin Pimpare
Sam Wakeman

Next Meeting Date: Tuesday, June 22, 2021 4pm

Discussion / Minutes

Parker Avenue Boat Ramp

(Carlos G. Peña, Senior Client Manager – Ports & Harbors, Foth Infrastructure & Environment, LLC)

- **Permitting** nearly complete.
- **Notional timeline.**
 - May '21. \$380,000 (25% of estimated construction cost) approved at May Town Meeting.
 - May '21. Filed request to Seaport Economic Council.
 - July '21. Submit final request to Seaport Economic Council
 - Aug '21. Seaport Economic Council meets, and hopefully approves submission and funding of remaining 75%.
 - Aug '21. Put out to bid in late August.
 - Sep '21. Review bids and select winning bidder
 - Oct '21. Construction starts
 - Spring '22. Construction complete
- **Construction method.** Will use coffer dam, which enables construction in the dry, not affected by tides or storm events, and allows completion in the spring. Engineer explored use of wet construction, but quality was not acceptable.
- **No new float** at the ramp. Existing town floating dock only.
- **Cohasset Harbor Marina** interactions
 - Engineer is collaborating with marina (Paul Trendowicz) to implement a bulkhead for construction.
 - An easement will be required. The boat ramp apron will encumber on Cohasset Harbor Marina land
- **Hand-launched boats** will be accommodated in design of boat ramp

Government Island Dock/Pier/Lift

(Carlos G. Peña, Senior Client Manager – Ports & Harbors, Foth Infrastructure & Environment, LLC)

- **Funding.** Seeking grant from Seaport Economic Council to fund bid docs for project, preliminary sketches to enable approval to begin permitting of process
- **Existing Wharf - design considerations**
 - Raise existing wharf 2' to be level with new timber pier, except for concrete pad
 - Transition pads to the gangways will be kept 'as is' to allow use at low tide
 - Raising 2 ½ feet will address sea level rise. Height will go from 13 ½' to 16' above mean low tide.
 - A coring was performed in 2020. Findings are that wharf is constructed from scraps of granite left over from building of Minot's Light.
- **New timber pier – design considerations**
 - Will be constructed, 2' higher than and abutting current stone wharf
 - Pier will include two 1,000 lb hoists. From new timber pier, fishermen will be able to hoist directly off their truck into a boat, and/or via the conveyor belt.
 - Facade. When 2' of elevation is added to stone wharf, materials will be designed with history in mind. Existing stone wharf will continue to be visible from Border Street and harbor. Stone aesthetic will be perpetuated in new timber pier.

Town Dock Conveyor System

(Lorri Gibbons, Cohasset Harbormaster)

- **Funding** approved at May 2021 town meeting. Total cost \$90,000 including \$60,000 from Waterways fund with remainder funded by a grant from the Cohasset Water Department.
- **Location.**
 - Initially will be installed at Town Landing a.k.a. Lawrence Wharf.
 - When pier at Government Island is completed, Conveyor will be moved from Lawrence Wharf to SE corner of pier facility.
 - Olde Salt House Pier. Reconstruction project targeted May 1 – mid June is not interfering with installation at Lawrence Wharf. Rebuilding of stone pier started 5/24.
- **Construction contractor.** John Marshall
- **Schedule** for installation.
 - Mid-May 2021. Contractor (John Marshall) took scans of the pier. Will produce 3-D output.
 - End of summer. Targeted for completion.
- **Construction components.**
 - **Wall.** Installation will require strengthened wall that can support 5,000 lb weight of conveyor system.
 - **A new dock** will be installed next to existing dock at Lawrence Wharf. The new 10' w x 16' L dock will have conveyor placed in middle of dock, allowing room to work around conveyor.
 - **Conveyor belt dimensions** will be 3' wide, 40' long (as long as gangway at Lawrence Wharf)
- **Maintenance.** Harbormaster department will maintain conveyor

Breakwater renovation and improvement

(Tim Davis)

- US Army Corp of Engineers had jurisdiction, then gave it to town of Scituate
- Jim Boudreau, Town Administrator of Scituate, stated that he was sure that Town of Scituate would transfer jurisdiction to town of Cohasset.
- Breakwater needs 3' additional height.
- Breakwater is in a FEMA velocity zone.

Update on Seawall maintenance

(Lorri Gibbons)

- Margin St. Reconditioned wall: complete
- Howard Gleason-Margin St. Complete
- Lawrence Wharf: 85% complete. Everything in the cove will be completed.

Captain's Walk updates

- **Conservation Commission permits.** Jay Pimpare. As long as wall work is done outside of water in dry areas, then no permits are required from Cohasset Conservation Commission. (Justin "Jay" Pimpare)
- **Infrastructure grants.** Tim Davis. Diane Kennedy of Select Board anticipates that Town of Cohasset will be the recipient of big grants for infrastructure. Select Board encourages CHIP to develop projects to 'shovel ready' status. Infrastructure grants will be administered by town finance committee.
- **Aerial Surveys.** Mike Sardina. Mike is in process of reviewing Aerial surveys of seawalls, road widths etc in CAD files supplied by Town of Cohasset's Jason Federico. Mike reported that Fran Collins suggested a LIDAR survey of harbor to identify where ledge exists.
- **Dredging.** Tim Davis. Cohasset needs a long term dredging solution.

CHIP Gantt Chart

(George Baumgarten)

- CHIP is in process of drafting a Gantt chart that will present notional timelines and tasks of projects related to Cohasset Municipal Harbor Plan.