

**Town of Nahant**  
**Community Preservation Committee**



**Grant Application FY 2020**

***Applicant:***

Applicant's address and phone number:

Sandy Burton  
Nahant Dory Club  
PO Box 114  
Nahant, MA 01908  
781-913-7641  
waburton@verizon.net

***Application Purpose:***

(please select all that apply)

- Open Space
- Community Housing
- Historic Preservation
- Recreation

Town committee or board (if applicable): n/a

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**1) Project Name:** NDC & NSP Floating Dock Gangway Replacement and Davit Installation

**2) Project Description:** This CPA grant application covers the procurement and installation of a new davit and gangway providing access to the Nahant Dory Club floating docks. While the scope of this application only covers the cost of the gangway and davit, the entire project includes the replacement of the floating docks and their moorings.

The Nahant Dory Club has two 12 by 30' floating docks and a 32' gangway mounted to the town wharf. The two floats have reached end of life and need to be replaced to prevent catastrophic failure and potential damage to the town wharf. The existing gangway was severely damaged when the seaward moorings dragged in a 2019 Northeaster storm. The new floats will be secured to the seabed with Helix moorings, which will make the floats safer, more secure, and less prone to damage. A davit system will be mounted to the outer edge of the town wharf to facilitate raising the gangway in the event of storms and for winter storage. The new Helix moorings and

### **Grant Application (cont.):**

davit system will eliminate the possibility of future damage to the gangway, floats and town wharf. The davit system will allow the gangway to be stored up in the air over the winter. This will also eliminate the risk of bodily harm when the gangway is installed and removed in the spring and fall.

### **3) Grant Amount Requested: \$17,000**

### **4) Contribution to the preservation Nahant's unique character:**

The Nahant Dory Club was founded in 1894 and currently has 85 family memberships with roughly 200 active members. Our club and clubhouse have a long-standing history of providing Nahanters a place to enjoy sailing and boating in general. From its inception, the club has provided floating docks for access to resident boats in the town mooring field. Currently, the Nahant Sailing Program makes extensive use of the NDC floats during the week, providing a safe loading and discharge area for their students. The three NSP launches are typically tied to the NDC floats from 8am to 5 pm weekdays. Keeping the floats safe and functional is critical to the safety of the NSP students and staff. The NSP provides training for our future sailors and is critical to maintaining the character of Nahant as a home of sailors and boaters. NDC provides financial support to the sailing program. The NDC also allows use of the NDC building for sailing programs as well as other town groups.

The Dory Club utilizes every opportunity to be a good neighbor to Nahant residents and organizations. Aside from organizations working to promote boating and boating safety, over the past decade, The Dory Club has provided at no cost, a venue for the Nahant Lions Club, Nahant Women's Club, The Nahant Garden Club, US Coast Guard Auxiliary, Nahant SWIM ( Safer Waters in Massachusetts) and the Nahant Council on Aging. In addition, Each Memorial Day, The Dory Club hosts an open house providing refreshments and use of the clubhouse to all the participants of the Memorial Day Parade. Most recently we have joined with United States Coast Guard to adopt one of their vessels, The Flying Fish.

The NDC is the center for sailing in town, providing classes on boat safety, navigation, and PHRF fleet racing and cruising.

**5) Planning Context:** Is the project part of a general Town planning study (e.g. Open Space and Recreational Plan, Master Plan etc.)? If so, when was the plan prepared and who has approved the plan?

- Is **NOT** part of a Program Plan

### **6) Evaluation Criteria**

The town of Nahant has a long history of being closely tied to the sea with many town people taking part in sailing and boating. The NDC is the only boating club available in town with a

**Grant Application (cont.):**

clubhouse and floating docks. Membership is open to all townspeople that have an interest in boating. The floating docks that the NDC provides enables the safe access to the fleet of boats in the harbor, particularly for the students and staff of the Nahant Sailing Program.

The existing NDC floats have reached their end of life. Despite being repaired in recent years the main support beam of the floats has failed. In addition, the floats are using non-incapsulated foam, which creates an environmental hazard if released into the anchorage. This has unfortunately occurred numerous times in the past as the boards that hold the unencapsulated foam rots away.

The proposed project is feasible pending the support of the CPA. The NDC will contribute funds to cover a majority of the expenses. Details are provided later in this application.

The cost of this project is proportionate to its objectives and is similar to what the town spent on the harbormaster's town wharf float and gangway project. We expect to use the same float design and fabrication company that the town used. We also plan on using the same Helix installation company that the town used.

The project will serve multiple needs, for both NDC members and towns people that make use of the Nahant Sailing Program. This includes both youth and adult sailing instruction.

The project will serve both recreation and historical preservation since the town has had NDC floats providing boat access for well over one hundred years.

The davit and gangway system can also provide emergency access to vessels during the winter months when the town's and club's floats are hauled. It should be noted that to improve the safety of people using the gangway, an improved mounting system will be designed and installed, eliminating the three steps that are currently required to access the existing gangway.

The project will rely predominantly on NDC membership funding.

**Grant Application (cont.):**

**7) Estimated Cost and Schedule:**

Attach cost estimates for construction projects and state how costs were derived.

Project Timeline	Fiscal Year*	Single Year Projects – Anticipated Costs				
		Stipend Request	Professional Services	Total of CPC Funds Requested	Other Funding Sources	Total Cost
Gangway 6/1/20	2020			\$3,500	\$3,864	\$7,364
Gangway mounting 6/1/20	2020			\$1,000	\$1,000	\$2,000
Davit Design 1/1/20	2020		\$9,000	\$4,500	\$4,500	\$9,000
Davit Fab. 4/1/20	2020			\$4,000	\$4,000	\$8,000
Davit Install. 5/1/20	2020			\$4,000	\$4,000	\$8,000
Float Order 1/1/20	2020				\$24,475	\$24,475
Float demolition and removal	2020				\$2,000	\$2,000
Float Delivery 6/1/20	2020				\$2,000	\$2,000
Mooring Install 5/1/20	2020				\$21,000	\$21,000
<b>Sub Totals</b>			\$9,000	\$17,000	\$66,839	
					<b>Total</b>	\$83,839

**8) For Acquisition projects, n/a**

**9) Coordination: n/a**

**10) Previous Town Meeting Action: n/a**

**11) Project Priority: Only one project**

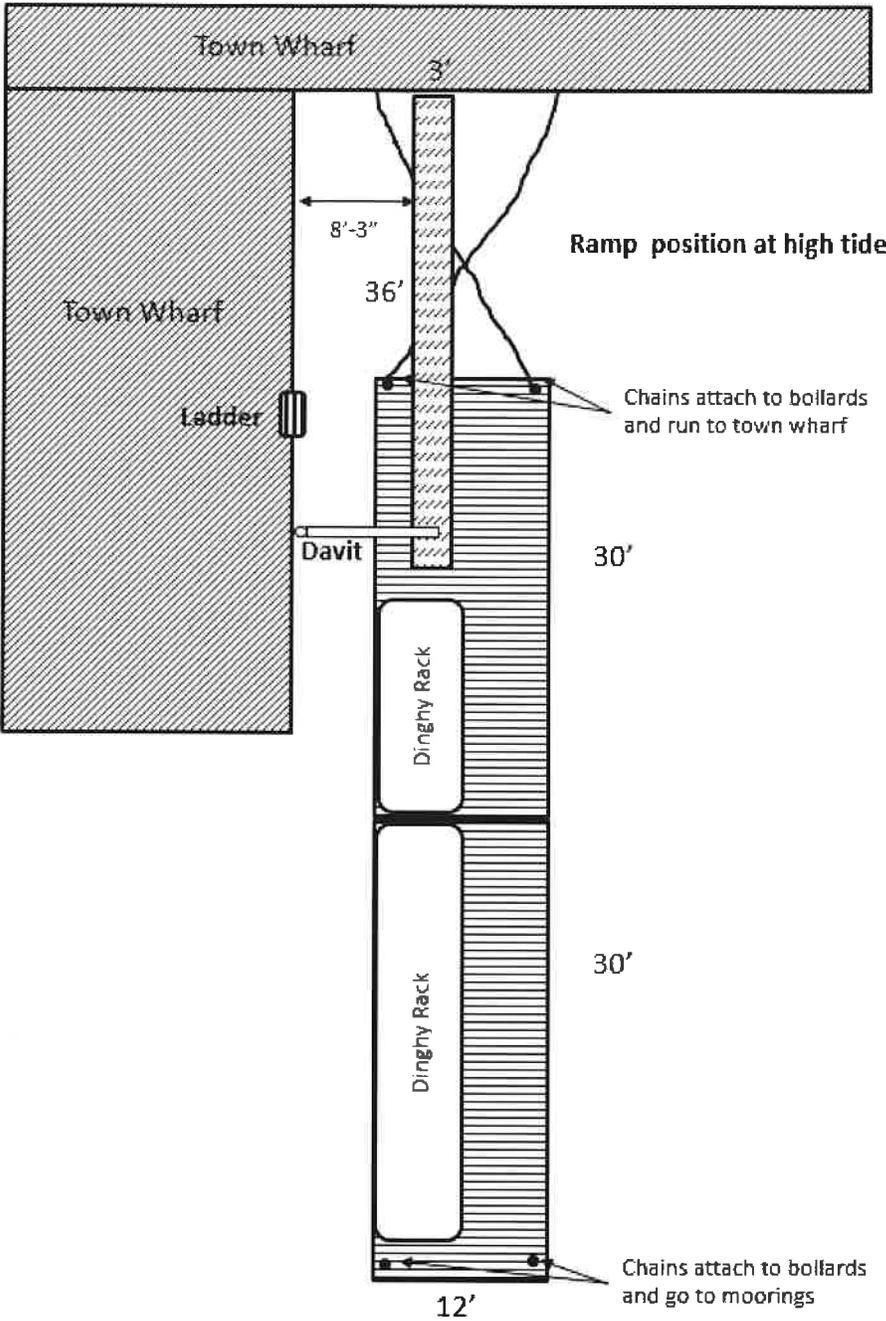
**12) Time Sensitivity: The floats, davit and gangway must be ordered in January of 2020.**

**13) Contingency Planning:**

If CPA funding is not available, the davit design and procurement will be postponed one to three years, pending capital fund availability. It is anticipated that additional funds will be available from membership dues and/or a membership fund drive.

Grant Application (cont.):

NDC Floats



**Grant Application (cont.):**

Budgetary Quote:  
Custom Float Services  
11 Wallace Ave.  
South Portland, ME 04106

**Nahant Dory Club**  
28 Wharf Street  
Nahant, MA 01908  
Contact: Eric Kirton  
1-617-943-4159

**\*\*\*Budget Proposal\*\*\***

**Floating Dock Proposal-**

**Floating Dock Specifications:**

All framing to include comb. Of full -length 4x8#2 Marine Grade .60 ACQ timbers and 2x internal frame/blocks.

- ☑ All flotation to be ACE Roto-Mold™ LDPE encased foam units.
- ☑ Freeboard to be 14" or 17" as proposed. Other freeboard designs available upon request.
- ☑ All Hardware to be min. ¼" thick Hot-Dipped Galvanized (HDG) units.
- ☑ All bolts to be min. ½" HDG carriage bolts.
- ☑ All decking to be marine grade 2x6 Pressure Treated timber. Other deck options included in pricing summary.
- ☑ All deck fasteners to be 316 Grade Stainless steel TORX® drive screws.
- ☑ Chain Anchor points included in pricing. Pile chain kits or hoop budget *included as optional* in pricing summary.
- ☑ Grey/White PVC fender strips *included* in pricing; up to 3 sides of each floating dock section. Fender bump corners included on fairway end(s)
- ☑ (2) Full length 4x6/4x8 Marine grade bottom skid detail for both 11x30's dock sections to protect flotation, and add further integrity to floating dock section; *Included in pricing.*
- ☑ Anchoring and anchor components; *Not included* in proposal
- ☑ Pile Anchors; *Not included* in Proposal.
- ☑ Any required permitting necessary to change footprint of dock system; *Not Included.*
- ☑ Delivery of proposed floating dock sections: Budget amount provided in pricing summary. Off-loading by others.
- ☑ Timber gangway guides for "Option A" included in pricing summary.
- ☑ All Connection hardware float/float *included in pricing.*
- ☑ Gangway to be all 6061 grade aluminum Arch-Style construction with non-skid decking and UHMW(Ultra High Molecular Weight) HDPE(High Density Polyethylene) rollers, set of (2)
- ☑ Installation of Docks- *Not included* in proposal.

**GANGWAY-** To Be all aluminum construction with Non-skid deck panels, UHMW rollers at floating dock end and 42" H handrails. Male tabs to connect to set of 2 stainless steel bushed pier mounts. Other decking/rail options available upon request.

**Note:** All Pricing based on purchase of all components per option. Individual pricing available upon request.

**Pricing Summary-**

- OPTION A-** Floats and Gangway only- as spec'd above + landing float guides-
  - 11x30' float x 2 @ 11,485.00 each \$22,970.00
  - 4x15' float x1 @ 2,380.00 each \$ 2,380.00
  - 4'x30' float x1 @ 4,820.00 each \$ 4,820.00
  - 3'x36' - Arch-Style Gangway with pier mounts \$ 7,354.00

**Grant Application (cont.):**

**For Community Preservation Committee Use**

Received on:

Associated Town Committee:

Reviewed on:

Determination: