

## Duxbury Seawall Committee Minutes –October 25, 2018

Present: DSWC Members: Alicia Babcock, Steve Callahan, Candace Martin, Don Norris, Mary Shiebler, Tim Spellman

TOWN CLERK  
2018 DEC - 5 AM 8:02  
DUXBURY, MASS.

1. The meeting was called to order at 7:00PM in Ellison Room at Senior Center.
2. The minutes of 08/13/18 meeting were approved unanimously as presented.  
The minutes of 09/05/18 meeting were approved (5 Yeas-1 Abstain) as presented.
3. OLD BUSINESS

### 3.1 TOWN MANAGER UPDATE-

Mr. Read not in attendance. Email update read into meeting minutes by Alicia:

"On Monday I received a call from Bill Hinkley with the State's Dam and Seawall Repair or Removal Program. The Town of Duxbury will be receiving the programs' largest award this year:

#### \$1 million dollar grant

25% Town, 75% State - \$250,000 will be "awarded" between now and June 30th - Our previous expenses are eligible for the Town's portion of the match (\$250,000). We need to tally our expenses and we can submit that as the Town's share which would allow for the expense of the \$750,000 amount, after July 1st.

#### \$2 million dollar loan

2% loan, 20 year fixed payment; the State advances the entire amount and the loan is paid back over 20 years. It's up to the Town to decide how that amount is paid back (betterments are a possibility).

The two awards (grant and loan) are not connected which means, the Town can choose to pursue one or both of the awards.

I noted that the State owns the wall, not the Town, and asked if we are still eligible to receive these funds to which Bill replied, "We're OK with that."

A contract package will be sent out later this week or next and loan information will be sent out sometime thereafter.

There are still a number of details to be worked through and I need to discuss this with our Finance Director and the Board of Selectmen which I will be doing in the days ahead. I'll let you know the date of the meeting with the Board of Selectmen prior to its occurrence.

Also, in anticipation of this weekend's storm, we flew a drone over the entire length of the seawall today so that we can assess "before and after" conditions.

Residents should be aware that post storm, we anticipate the rocks may look as though they have "sunk" or lowered into the sand. This is expected as the effects of the storm and wave action will cause them to settle and the purpose of the stone is to protect the footing of the wall."

Mr. Read also included an update for Amory in his email that was read into the meeting notes under 3.2

There was discussion by the Committee regarding the \$1.5M funding approved by State legislature and Governor Baker. Sheila Spellman has contacted the Governor's office regarding release of the funds to the Town. They told her that the Governor's office has not received a response from Duxbury requesting the appropriated funds along with a plan to use the funds. They also said the State must be notified by 11/30/18 to get this funding. Other local communities have submitted their requests.

It was noted that Amory Engineering was contracted to write grants relating to seawall and that there are multiple grants available and the Town should be aggressively pursuing them.

Sheila Spellman is working with Josh Cutler's office to obtain information on a grant to pay for a grant writer. This request would have to be approved and submitted by the Town. Also looking at grants for temporary revetments and dune/beach nourishment for the whole beach (DBR and Duxbury beach). Sheila, Candy, Josh's assistant Cole, and Peter Buttkus will continue to pursue grants. See Action Item.

It was noted that betterments are only for new improvements not for replacement. Also noted was the fact grants and bills are estimated to cover close to all needed funding.

There was discussion of funding vehicles for the seawall replacement that could occur in several phases. Candy presented a spreadsheet that was reviewed and discussed by the Committee. It includes a 7-year plan covering construction locations, phases of construction, engineering costs and funding (received and potential) FEMA and State grants, loans, legislation. Changes and suggestions from Committee to be incorporated into document. This would provide an overview, timeline for replacement and funding blueprint. When DSWC finalizes the phasing proposal, it would be presented to Board of Selectmen and Finance Director for further input and approval. (Document attached to minutes).

3.1.1 EASEMENTS- See Action Item

3.1.2 DAM&SEAWALL GRANT-see email above.

Environmental Bond Bill funding request-See Action Item

3.1.3 FEMA-See Action Item

3.1.4 PRESENTATION TO SELECTMAN-Letter composed by DSWC to BOS to assure place on their agenda to present our position on Seawall repair. Alicia will send.

### 3.2 AMORY ENGINEERING UPDATE-

Mr. Read provided an update from Pat Brennan which was also read:

"With regard to updates from Pat Brennan, he has offered the following:

We received notice from Mass Historical that the project is unlikely to affect and significant historical or archeological resources - document attached.

The ENF has been submitted to MEPA, which will trigger comment from most all regulatory agencies."

The Dropbox link to that document was provided in Mr. Read's email.

"Finally, Pat is waiting to hear from the driller about the schedule for borings."

3.2.1 SOIL SAMPLE, TEST BORES- Awaiting schedule. No information on drill/bore sites/plan of action.

3.2.2 TIMELINE- no comments provided

3.2.3 PERMIT- no specific comments-(Committee asked- MEPA on hold? Why?)

### 3.2.4 FOUNDATION PROTECTION PLANS- no comments provided

### 3.3 EMERGENCY PREPAREDNESS PLAN- see document attached to minutes

Draft was approved and will be sent out by Candy to neighborhood distribution list asap considering anticipated storm next weekend.

## 4. NEW BUSINESS

4.1.1 See 3.1.4 above.

4.1.2 Envision Duxbury- This is a long-range plan for the Town in conjunction with MAPC. There is a link via Town Website to information on this project. They are seeking input regarding areas identified – this includes Hazard Mitigation. Copies of survey forms and contact email address also provided for attendees from this meeting to submit their input. Hazard mitigation along the coastline is being addressed- DSWC concerns include flooding and wall failure which will negatively impact the Bay as major breaches occur. Input should be submitted over next 2 weeks. Results will be posted on the Town website.

## 5. OPEN FORUM

Jeff Deady-Ocean Road North-requested engineering cost breakdown: designs, permit applications- there are no construction plans yet-preliminary designs only. Concerned that FEMA requires vetting of engineering firm which requires engineer to have experience and knowledge of wall designs in order to qualify for FEMA reimbursement.

Libby Carr-Hummock Lane-Questioned what was going on with rock placement at Bluefish Cove and how did the Town fund it and get it approved without a warrant article?

Robin Chiminello questioned FEMA reimbursement to the Benjes family while other families have not been reimbursed by the Town for expenses incurred.

There was discussion at Special Town Meeting regarding who owns the beach- public or private. Town Counsel was going to clarify. We are still awaiting documents indicating explanation. We need to have this clearly defined for all Town residents. See Action Item.

## 6. NEXT MEETING

Next meeting to be held Wednesday 11/7/18 at 7PM or Wednesday 11/14/18 at 7PM based on Town Manager availability- location to be determined.

## 7. ACTION ITEMS

### 1. Town Manager's Update

- a. Easements -need to know what the next steps are for recording the deed change approved by STM. It was previously mentioned at the joint meeting with the Selectmen in August that an acknowledgement letter from each resident will be needed.
- b. FEMA Grant status - as recommended by FEMA, additional funds would be available from their Risk Mitigation Grant Program. This would cover the cost of the Fall 2018 emergency repairs and would also cover the temporary revetment of the remaining 2000' of wall.
- c. Grants - efforts by the Town of Marshfield have included the submission of a grant to cover a Grant Writer. The grant writer would assist with the risk mitigation grants as well as the annual State grants. Town would need to submit grant request.

- d. Environmental Bond Bill - Governor Baker is awaiting response from the Town on the support of the \$1.5M Environmental Bond Bill. They have heard from all other towns that are mentioned in the Bill but have not received any correspondence from Duxbury on their interest. Budget recommendations will be submitted by November 30th, so Town would need to reach out asap.
- e. Beach Ownership - as follow up from the question from STM, Town Council was to provide a response on whether the beach is public or private.
- f. FEMA Reimbursement - from public forum, it was mentioned that the Benjes family of Cable Hill have already been reimbursed for efforts performed during the March Storms. The question was raised on how this was paid as FEMA reimbursement is still pending.
- g. Selectmen's meeting on seawall funding - Town Manager to provide proposed date in which he will address the Selectmen
- h. Blue Fish River construction - public forum raised question on how this revetment work was funded and approved without a warrant article
- i. Tax Override - with the State grant and Environmental Bond Bill available for funding, will a tax override still be needed? If so, why is the Town still seeking?

2. Amory Design Update

- a. Test Bores - locations of test bores were requested by the Committee months ago. Have these been defined? Drilling was planned for October. Need update on timing and proposed plans.
  - b. FEMA requested estimate of wall construction matching pre-existing conditions. Information to be forwarded to Committee when available.
  - c. Timeline update - need updated timeline showing permit milestones, finalization of design plans, RFP and award
  - d. Foundation protection plan to be defined and provided to Committee for review
  - e. Wall Height - has the Town finalized this decision with Amory?
3. Emergency Preparedness - reference guide was approved during the meeting. Information will be emailed out to residents with a note that copies and calendars are available for pickup from Mary.
4. Envision Duxbury - Alicia to send email to residents requesting their feedback be posted on Town website.
5. Note to be issued to the Selectmen, requesting opportunity to meet with them on the seawall funding.
6. Next meeting is proposed for November 7th, with alternate date of November 14th. Alicia will confirm based on Town Manager and Amory's availability.

8. ADJOURNMENT

The meeting was adjourned at 08:53 PM.

Cost Estimate - Seawall Emergency Repairs and Replacement					2019	2020	2021	7 Year Plan 2022	2023	2024	2025	
Construction	LF											
	Phase I	800	OCN & Cable Hill	\$ 4,168,000	Amory (Conservative Estimate)	\$ 4,168,000	<u>Note 1</u>					
		800	OCS	\$ 4,293,040	Includes 3% escalation		\$ 4,293,040					
		850	Bay Ave	\$ 4,561,355	Includes 3% escalation (and increase in LF)			\$ 4,561,355				
		500	Gurnet Road South	\$ 3,488,095						\$ 3,488,095		
		550	Gurnet Road North	\$ 3,592,738							\$ 3,592,738	
			Temp Revetment	\$ 250,000	Protection of Wall 2000 LF using \$50/Ton	\$ 250,000						
		3500		\$ 20,353,228								
Engineering												
			Design & Permitting	\$ 85,000		\$ 85,000						
			Constr Admin- Ph1	\$ 65,000		\$ 65,000						
			CA - Phase II-V	\$ 200,000			\$ 50,000	\$ 50,000		\$ 50,000	\$ 50,000	
				\$ 350,000								
		Total		\$ 20,703,228								
				Expenses	\$ 4,568,000	\$ -	\$ 4,343,040	\$ 4,611,355	\$ -	\$ 3,538,095	\$ 3,642,738	\$ 20,703,228
Funding												
	STM Engineering		\$ 85,000		\$ 85,000						\$ 85,000	
	STM Expenses		\$ 180,000	Need to confirm costs associate for wall	\$ 180,000						\$ 180,000	
	FEMA Grant for Temp Revetment		\$ 65,000	75% of \$65k		\$ 48,750					\$ 48,750	
	FEMA Grant for Revetment		\$ 450,000	75%; reimbursement 3 years		\$ 337,500					\$ 337,500	
	FEMA Reimbursement (PH 1 65%)		\$ 2,806,700	Assumes 5 years for reimbursement			\$ 2,806,700				\$ 2,806,700	
	State Grant		\$ 1,000,000	75% State; 25% State	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,500,000	\$ 2,000,000	\$ 2,000,000	
	State Grant Loan		\$ 2,000,000		\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 1,850,000	\$ 1,850,000	\$ 7,850,000	
	State Grant Loan Interest @2%		\$ (40,000)		\$ (40,000)	\$ (80,000)	\$ (80,000)	\$ (80,000)	\$ (80,000)	\$ (120,000)	\$ (120,000)	
	Environmental Bond Bill		\$ 1,500,000		\$ 1,500,000	\$ (80,000)	\$ 1,000,000				\$ 4,000,000	
	Environmental Bond Bill Interest				\$ (30,000)	\$ (30,000)	\$ (60,000)	\$ (80,000)	\$ (80,000)	\$ (80,000)	\$ (80,000)	
					Funding	\$ 4,695,000	\$ 930,000	\$ 4,746,250	\$ 4,646,700	\$ 1,340,000	\$ 3,800,000	\$ 3,650,000
Variance					\$ 127,000	\$ 930,000	\$ 403,210	\$ 35,345	\$ 1,340,000	\$ 261,905	\$ 7,262	

Items highlighted in yellow are Grant opportunities that would need to be submitted:

Grants that should be requested include:

Grant Writer  
Dune Nourishment - Plymouth Ave  
Temporary Revetment - Fal 2018  
Temporary Revetment - Remaining Wall  
Annual State Grant Requests - Dam & Seawall

Note 1 - possible phasing may be needed based on available funds. RFP to request alternate pricing for Cable Hill



## **Gurnet Road Neighborhoods Emergency Preparedness**

1. All emergencies - call 911
2. Gas Leaks - contact Columbia Gas emergency number at 1-800-525-8222 If you smell **gas** inside, get out immediately. If you suspect a **leak** outside, turn off and abandon any motorized equipment you might be using. Warn others to stay away from the area.
3. Non-emergencies (such as reporting seawall conditions, flooding) - call Duxbury Emergency Management Business Line (781) 934-7159. They will assign call to the appropriate department, including DPW.
4. Emergency Notifications - you can sign up to receive the Town of Duxbury Emergency Notifications on the Town's website [www.town.dubury.ma.us](http://www.town.dubury.ma.us). Search for "Blackboard" or "Reverse 911". When you click on "Sign Up", the system will prompt you for required information. You can enter multiple numbers, including cell phone numbers. The information will be sent as a text message to your cell phone.
5. Requests by Town Officials for emergency evacuations must be followed. Storms approach and this area can be quickly isolated from the storm surges. Please evacuate immediately when this alert is issued.

