

Approved 3-26-18

**Board of Public Works
Meeting Minutes**

**Date: March 12, 2018
Time: 6:30 p.m.
Place: Marshfield Town Hall
Hearing Room 3**

In attendance for all or part of the meeting were the following:

John Vallier	Chairman - <i>not present</i>
Stephen Robbins	Vice Chairman
John Cusick	Member
Thomas Reynolds	Superintendent
Shawn Patterson	Deputy Superintendent- <i>not present</i>
Rod Procaccino	Town Engineer
Dan Bowen	Business Manager- <i>not present</i>
Ann Marie Sacchetti	Board of Public Works Secretary

The meeting convened at 6:30 p.m.

Stephen Robbins **motioned** to open the meeting and reviewed the evening's agenda which included minutes, abatements, two action items and Superintendent's Report

I. Minutes of Prior Meetings

i. Approval of Draft Meeting Minutes for February 26, 2018

MOTION: Stephen Robbins motioned to approve meeting minutes of February 26, 2018.

Seconded: John Cusick All in favor.

II. Abatements

i. Abatements Packet #1314 & 1315

MOTION: Stephen Robbins motioned to approve abatement packet #1314.

Seconded: John Cusick All in favor.

MOTION: Stephen Robbins motioned to approve abatement packet #1315.

Seconded: John Cusick All in favor.

IV. Superintendent's Report/Update

i. Update on Storm Related Issues

Superintendent Tom Reynolds first took a moment to acknowledge the men and women of the DPW and the outstanding job they did during winter storm Riley. We were just one of the members of a team that worked out of the Emergency Operations Center (EOC) which included the Police and Fire Departments all working together to ensure the safety of residents; respond to issues and keep everyone out of harm's way. Everyone did a fantastic job, without a lot of sleep.

Some of the issues that occurred during the storm were the wind and rain caused much flooding, along with 10 high tides pounding at the seawalls.

Seawall issues occurred at 30 Bay Ave.; about 60 feet was lost. In between high tides we were able to drive some sheeting along with some armor stone. Some of the areas are not accessible as the houses are close together. Accessibility would be possible only from the beach which was impossible during the storm as the tides never went out. Seventy-two Bay Ave. had about 110 feet of damage; lost the sidewalk from Wave Street to Bradford Street and curbing. There was much damage in the area of the high road. Stella Maris on Ocean Street going along towards Foster Ave. corner had extensive damage to the revetment. There is also the additional damage to the Brant Rock seawall; where repairs will now be replacement. Most of the damage has been in the southern sections, Bay Ave., Green Harbor, Ocean Street, the High Road and Foster Ave. revetment areas. Damon's Point held out well experiencing some flooding.

Flooding occurred on Parker Street which we had pumped on Friday and Saturday in order for residents to pass. Kentucky Road had flooding issues which also had to be pumped. There was much clean up in the Brant Rock area. There was a washout on Dyke Road across from the Bait Shop; pipe was exposed and the guard rail was washed away. There were some issues at the Wastewater Plant. Power was lost on Sunday night for about an hour. It was determined to be a switching problem which prevented the generators from coming on. Eversource promptly responded along with Hi-Voltage, and within an hour the power was back on. Adjustments were made to the switching which alleviated any future problem. Flow at the plant during the storm averaged about 5 million gallons per day. It peaked at 11.4 which was the highest number the meter was capable of reading. Average daily flow at the plant is 1.2 million gallons. The plant was designed to receive 2.1 million gallons at peak. Salt water infiltrating the system is and was a concern as it kills bugs that are needed to process waste. The main lift door was broken during the storm; the manhole at the end of Rexhame Road has been exposed, part of the seawall at that location has been knocked over. The Avon Street the pump was lost. There is a manhole cover behind 127 Allen Road which blew off and will have to be replaced. This manhole is used for excessive storm run-off for the Wastewater Plant. There were a number of issues with water treatment. Webster # 1, 2 and 4; Union # 1 and 2; Spring Street Stations all lost power on March 2nd. Webster was back on Friday night; Furnace Brook #1 and 2 ran on generator for the whole storm. Union #1 and 2 ran on auxiliary power on Saturday and Sunday. The power was back on to Union to #1 and 2, Mount Skirgo and Spring Street on Sunday night. Power back on at Furnace #1, 2 and 4 on Monday night. There was some roof and fence damage at Furnace Brook #4 including additional damage to the VFD which will have to be replaced. This unit is over 20 years old. The generators at Furnace Brook #4 and Union #1 need upgrading. There was also extensive damage at the end of the private roads along Standish Street. Even though they are private, issues can become public safety concerns, therefore we need to address them.

In regard to the Wastewater Plant, Tom stated that the Chief Operator, Clint Stetson, stayed in touch with Dave Burns of Mass DEP. We were one of the only communities that kept everything on-site. We kept the treatment process going throughout the whole storm and did not lose it once; an accomplishment that cannot be said by some of the surrounding communities. We are fortunate to have a facility that can actually perform under such circumstances along with a capable and dedicated Staff.

Bid opening for the seawall took place on Friday. Northern Construction was the lowest bidder. They mobilized immediately backing us up, backed up the National Guard and blocked roads and provided numerous services aiding the Town's needs. They were great and the team effort was amazing.

John Cusick brought up the idea of using “wave displacement” attenuators that seem to work. He would like to discuss their use at a future meeting. Rod stated that they cause lobster habitat destruction. Tom indicated that the seaweed on the beaches provide seeding habitat for the lobsters. Actions regarding seaweed removal along with the wave devices can adversely affect the lobster population. The devices are not allowed in Massachusetts waters. However, there has been talk that Green Harbor would be an ideal location for a pilot program if approved.

III. Items for Action

i. Contract Award for Brant Rock Seawall Repair

Town Engineer, Rod Procaccino was present to discuss the seawall contract and current additional damages. There was additional seawall breaching beyond the section that funding is in place for. Regarding this contract award; Scope of work; the project is partially grant funded and includes repair and or replacement of approximately 550 LF of seawall along Ocean Street from Franklin south to beyond North Street access ramp including reconstruction of North Street access ramp and tying into the existing seawall to the south. Funding source; State Grant \$1,852,875; Town Bonding STM 10/17 Article 12, \$617,625 and transfer available funds Foster Ave. PH 2 Article 8 ST 10/16 \$195,000. Staff recommends awarding the contract to the lowest bidder, Northern Construction Services LLC of Weymouth, MA. They have performed satisfactorily on prior seawall work on Foster Ave. and Surf Ave.

MOTION: Stephen Robbins motioned to award Contract 2018-12, Brant Rock Seawall Reconstruction, to Northern Construction Services, LLC of Weymouth, MA in the amount of \$2,371,542 and authorize the Chairman or designee to execute the contract when the documents are prepared.

Seconded: John Cusick

All in favor.

Rod stated that they are awarding the base bid only.

ii. Order of Taking for Brant Rock Seawall

Rod stated that they have obtained “right of entry” forms from all abutters. He indicated that it is necessary to acquire seawall easements for the purpose of access, reconstruction and future maintenance of the seawall. Town Counsel has reviewed the easements.

MOTION: Stephen Robbins motioned to authorize the order of taking dated March 12, 2018 granted under Article 7 of STM held October 24, 2016 for the purpose of taking seawall easements in accordance with the plan “easement plan in Marshfield, MA showing Ocean Street, North Street and Bryant’s Lane easements” drawn for the Town of Marshfield DPW dated August 29, 2016 revised February 5, 2018 drawn by Stenbeck and Taylor, Inc. Engineers Surveyors-Planners, 844 Webster Street Suite 3, Marshfield, MA and in accordance with the order taking presented as approved by Town Counsel for no land damages to the owners listed:

<u>Parcel No.</u>	<u>Owner</u>	<u>Damages</u>
M08-51-16	William D. Ferren, Jr.	No Damages
M08-51-07	John J. & Michele Heffernan	No Damages
M08-51-09	Brant Rock Development, LLC	No Damages
M08-51-10	Zeiny Development, LLC	No Damages

M08-51-12	Ralph Sr. & Diane Maturo	No Damages
M08-51-13	A. Crowley, LLC	No Damages
M08-51-14	Allen M. Alper, Jr.	No Damages
	Barbara M. Alper	
	Allen M. Alper, Sr.	
N07-01-37A	Marshvegas ,LL C	No Damages
A	Owner Unknown	No Damages

Seconded: John Cusick All in favor.

V. Next Regular Meeting

i. March 26, 2018

VI. Adjournment

At this time Stephen Robbins **motioned** to adjourn the open meeting of the Board of Public Works for March 12, 2018 at 7:15 p.m. **Seconded** by John Cusick. All in favor.

Respectfully Submitted,

Ann Marie Sacchetti,
Board of Public Works Secretary