

Special Town Meeting

September 6, 2018

Warrant Articles 3 and 4

March 3, 2018



March 4, 2018



September 2018



Article 3 – Seawall Repairs

- Temporary protection using armor stone was placed by the Town following the March storms. These repairs are not sufficient and were raised as a safety concern by the Seawall Committee.
- The temporary protection was done during storm tides in efforts to prevent further failure of wall sections.
- Some properties have minimal protection from future storm surges. Homeowners are not authorized to make any repairs.
- Concern lies with a breach in the seawall becomes a breach in the barrier beach.

Article 3 – Seawall Repairs

- Site assessment was performed by Town Manager, DPW Director, Seawall Design Engineer, and Engineer from the Seawall Committee.
- Site assessment provided recommendations on the required repairs that must be done before winter.
- Materials purchased for the emergency repairs will be reused for the seawall construction. The plan, proposed by Duxbury DPW, will use in-house labor to reduce the costs.
- Similar measures for successful seawall protection were done in Marshfield, Scituate, Hull, & Quincy
- By not doing anything the Town incurs risk of losing more sections of the seawall placing additional property and Town infrastructure in jeopardy.

Seawall Committee

- Nine Committee members were selected and appointed by Town Manager in April 2018.
- Members comprised of experienced engineers and contractors, as well as homeowners with properties along the seawall.



Article 4 – Peer Review

- A Peer Design Review is required to make sure all current conditions for wave analysis, soil conditions and wave velocity were considered during the Seawall design.
- Peer review would limit the liability and risk to the Town.
- Similar projects in nearby towns performed peer review on their first seawall projects.