

TOWN CLERK

Duxbury Seawall Committee Minutes –Tuesday July 10, 2018

2018 AUG -9 AM 9:31

Present: DSWC Members: Alicia Babcock, Candace Martin, Don Norris, Tim Spellman, Timothy Tedeschi, Dimitri Theodossiou, and Paul Brogna. Attendees included representatives from DPW Marshfield and Town Manager/DPW Duxbury.

A site visit to the Marshfield Brant Rock Seawall construction project was arranged by Paul Brogna. Northern Construction Project Superintendent, Jack Graves, provided an overview of the project scope, design basis and construction approach. Northern Construction was awarded the project to replace 430' of seawall plus an additional 120' of wall section to overlay. Prior to the start of construction, the overlay section was damaged by the March 2018 storms and required to be replaced.

The new wall elevation is 24', which is 3' higher than the previous seawall. Seawalls are 7.5' wide at the base and are tapered to 3'. Footings were design to be 11.5' wide. With the steel plate overlap and construction form approach, base is roughly 15' wide.

Marshfield has performed seawall replacement in phases, with roughly 300' included in each phase. Design has been performed by GZA and with GEI (formerly Bourne Consulting).

Northern Construction mobilized mid-May. Once construction began, they complete 120' per week. They noted that they found peat in some locations which required removal and backfill with stone. They also noted that proximity to homes required temporary protection and, at time, replacement of the CMU foundations.

Wall cost was \$3750/ft which excludes the cost for armor stone revetment and steel plates.

Stairs were included in the design and are not ADA compliant.

Tour of the construction site was completed by 11:30 am.