

Duxbury Seawall Committee Minutes- Wednesday July 25, 2018

TOWN CLERK

2018 AUG -9 AM 9:31

DSWC Members Present: Alicia Babcock, Dimitri Theodossiou, Don Norris, Tim Spellman  
DUXBURY, MASS.

1. Meeting was not called to order- No quorum present
2. Minutes from last meeting were not able to be approved
3. Amory Engineering Update

Pat Brennan was present and was allowed to update the committee:  
Met with Jack from Northern Construction and adjusted design slightly to make easier for construction

Pat showed the revetment design along the seawall and explained that the areas with existing revetment will be reworked. Amor stone will not be added in these areas

Met with Joe Grady yesterday and had him review project narrative. Only issue at this point are easements or signed permission forms (example attached). Permitting cannot happen until remaining easement permission is granted. The permission form just gives the Town ability to apply for a permit.

Design shows crushed stone along the entire length and wrapped in filter fabric draining to weep holes

Top of wall height has been reduced from 25.5 to 24.5 feet

Analysis from Marshfield showed that wall height could be cut down by 2 feet – base flood elevation, Marshfield velocity zone, Duxbury conversion is 5.58, roughly 22.6 mean low water

Army Corps uses different models for sea level rise  
Took average of Int High, VE Zone moved forward 17'  
Seawall life cycle is 50 years

CZM and Division of Marine Fisheries will give the Town a hard time because the revetment expands the seawall forward- that's why it needs to be buried

Beach St project is estimated to be 2-3 years- Need to find ways to fortify Canal St bridge because Duxbury Beach Reservation will be doing work and trucking heavy materials over it

Next meeting: Pat is available August 7 or 8- will confirm schedule with Town Manager and set date- tentatively scheduled for Wednesday August 8 at 7:00pm.  
Dimitri will not be available August 7-29