

Town of Nahant, MA
Joint Meeting
Board of Selectmen
And Advisory and Finance Committee at 7:30 PM

Regular Meeting Agenda
December 13, 2017 7:30pm

Frank Barile, Chairman
Chesley R. Taylor Jr., Vice Chair

1. Regular Meeting Opening 7:30 pm

Pledge of Allegiance – Led by Mr. Barile

- a. Opening Comments – Mr. Taylor stated this was an informational meeting re: water sewer infrastructure. He thanked Mr. Ball, DPW director for finding leaks yielding savings in water consumption.

2. Ongoing Business

- a. **Review of Sewer and Water Infrastructure** – Mr. Barile introduced FinCom members: Mr. Ward, Mr. Manadee, Ms. Zahora, Mr. Fulghum, Mr. Clausen and Mr. Vanderslice. Mr. Ball presented an overview of past sewer breaks - \$1.5M this year and existing problems then introduced Dan Coughlin and Gail Lotus from Coughlin Associates Engineers. Please note that discussion/Q & A's by attendees not in front of the microphone were inaudible.

Mr. Coughlin presented the 2015 original capital plan updated in March 2017. Sewer system has had 3 major force main breaks over the last year caused by exterior corrosion and advanced failures. Major upgrades also needed in pump stations. DEP has new regulations re: Infiltration and Inflow (II) evaluation. Water system in better shape but still corrosive issues and lack of valve maintenance.

The most critical is the Lynnway sewer pipeline. He discussed alternatives. A cross harbor pipeline from Lynn side to Lynn Water and Sewer is most cost effective and efficient with 100 year life and 3-4 year construction timeline from permitting to completion. Another option is a Swampscott bypass which would provide more immediate relief if breaks occur. Major portion of \$1.5M past breaks is in pumping and trucking out sewage from pump stations. The force main on Willow Road also needs replacement. Wharf Street is also a priority. Videotaping of pipes in progress – 2/3 of Phase 1 done has pinpointed approximately \$1.5M in repairs needed. (but most critical areas taped first).

Mr. Coughlin reviewed funding options

- a. Potential grants – Community Compact \$200K regionalization grant for Swampscott bypass applied for
- b. FEMA grants – possibility for flood proofing – could be used for sewer improvements
- c. State funding – 0% interest loans for regionalization
- d. HUD
- e. MWRA funding
- f. State Revolving Fund – 2% loan for 20 – 30 years
- g. Local funding

Mr. Coughlin recommended first the interconnection with Swampscott; then a timed shut down to evaluate existing pipeline on the Lynnway; finally to concentrate on the cross harbor pipeline.

He then reviewed the water side of needed repairs. His projected costs:

Waste Water \$15.8M

Water 12.3M

Over a ten year period. Mr. Coughlin will update his W/S capital plan.

Mr. Barile thanked FinCom, Mr. Ball and Mr. Coughlin for their attendance. His aim was to inform everyone about the capital improvements the w/s infrastructure requires. Mr. Barile cautioned the Board about borrowing for short term needs and non-capital projects.

Mr. Taylor made a motion to adjourn. Mr. Barile seconded the motion. Unanimous vote to adjourn at 9:14.

Meeting Minutes prepared by Mary Ellen Schumann, Administrative Assistant

Minutes approved by the Board of Selectmen on the 11th day of Jan, 2018



Board of Selectmen.