



Mantoloking Reporter

August 28, 2013

Number 469

The special meeting of the Mayor and Council was called to order August 28, 2013 at 4:30 PM by Mayor Nebel.

Absent Council members were Brown and Strohm

The agenda for the regular and special meetings is made available in advance on the Borough website.

Steel Revetment Presentation

Bob M is working with the State on this project

Easements will not be part of this presentation. State and Federal Highway Authority easement processes need to be worked out

Funding for the steel revetment - 100% by the State and Federal Authorities

Manto and Brick are on board - 4 miles.

The sheet will be 40 feet in height - 30 feet below grade and 16 feet above. Borings are being taken in various locations - results expected soon.

There will be a corrosion resistant coating applied to the top 16 feet to decrease oxidation at the ground water line....will reduce rusting.

Life span is estimated at 75 years.

Design work is moving forward quickly.

Placement is anticipated to be 40 feet east of the dune toe.

The ACE dune is expected to be 150 feet wide, crest 25 feet, elevation 22 feet.

The steel revetment is designed as a last defense after the ACE replenishment. The dune system in town is currently 16 feet and sand is being stockpiled for backside of dune as well as the east side - wall will not be visible.

There has been some discussion of adding a geotextile span behind the wall for added protection - anti scour

The design has received conceptual approval from the State Highway Authority. The cost will be split 20% State 80% Federal - estimated bill \$40 million. There needs to be a "comfort factor" that the ACE project will happen.tentative start date Spring 2014...though not guaranteed.

Documents are ready for a potential revetment start date of mid November - completion mid February. State and Federal procedures need to be synched

Due to the magnitude of this project, a third party review will occur - Stevens Institute has been appointed for this.

If you have questions, please email:
dave.rosenblatt@dep.state.nj.us

Questions and Answers

What is the estimated time frame for the driving of the first steel revetment sheet -

Mid November. The crews will work 24/7 if necessary to complete the project in 3-4 months. Noise ordinances will be lifted during the project.

How will the revetment tie in with existing rocks?

In the north end of town, the revetment will be approx 20 feet in front of the rocks...in the middle of town - directly in front of existing rocks. Currently, the rocks are 18 feet (although 21 was requested) It was reported that 1/3 of 100 year waves would go over an 18 foot wall ...Mike Becker knows the details

Have issues been looked at re ground water?

Manto used to have a well in town and we are at the edge of the aquifer....any impact?

No

Any effect with flooding

No

Water comes up and down the Bay or disburses east/west...will the

wall interfere with this process in any way?

No

The aquifer below Manto is considered to be highly acidic and corrosive...any worries there?

We know there will be some when metal is inserted into the dune - when down 30 feet it is not as significant....wells have been in existence for 100 years with much thinner casings than the steel wall..so we should be ok...the wells are not being used for drinking water

There are 6 or more properties in the north end that want to add rocks - will there be any impact on the project ?

No rocks would be behind

The Borough has vulnerability these next few months - will private bulldozing of dunes be permitted?

No - Borough is taking all the sand possible to reinforce the dunes - nothing left for private taking

It is expected that an additional 130,000 cy of sand will be taken from the bay ...30,000-40,000 will be stockpiled around town.

Keep in mind that the NJ DOT is also at risk with the Route 35 Project....we have an excellent relationship and they will help to protect also.

What was the highest tide during Sandy?

No one really knows - 9 1/2 - 10 feet in the north end taken from water marks along East Ave

**Comment - we need to keep in mind what has been done to date by the DOT
Millions of cy of sand migrated from the beach to the bay....a remarkable job has been done restoring the bay and returning sand to the beach!!!!
Both Mayor and Council are unanimously on board with State on plan to protect the BOROUGH. Rocks would be great...but they are expensive , scarce and**

take time to install....we need to move forward with something quickly...protection is not just about the barrier island..but the more than 10,000 homes up river and across the bay!

Can work be done on the south side - will there be equal amounts of sand on all properties?

Yes - the distribution will be EQUITABLE.. with initial focus on the most vulnerable locations.

Any plans for dune vegetation?

Not at this time. Ace project close - it would be redundant

It is hopeful that the ACE project will begin in the spring 2014. The time frame..assuming progress of 200 feet per day would be 50-60 days. It is the goal of the State to get 100% participation of towns on the barrier island...it is considering it a regional project. The revetment will be covered with 1 foot of sand.

Will dark sand be covered with white?

Over time, the dark sand will lighten - the silt will wash out

Will Manto still get ACE replenishment if other towns do not sign up?

Yes - we are still a priority...Manto and Brick together is considered a big project and will be good to go!

Is there wavering on the part of ACE scheduling wise based upon other town responses?

No..feeling is towns ready to go will get sand...based upon past practices..towns with easements got sand!

We are vulnerable and uncomfortable waiting for all the ships to fall into place?

ACE needs to complete its evaluation and review before putting the project out to bid for the revetment. The best scenario is to BE READY!

Its better for everyone to get more towns on board

What is the status of our easements?

No easements have been returned signed by the State...not recorded yet
- 65 signed by DOT/Mayor...another 30-40..in the que
We need assurances that the ACE project will definitely happen before easements are recorded.

Bay Head not pressuring for easements - we have 5 hold outs - could this be a hold up?

Keep in mind that the project is not scheduled to begin until spring 2014 whether all the easements are signed or not.

REMEMBER ITS FREE.....NOT A DIME OF COST TO RESIDENTS OR MUNICIPALITY....DO NOT OVERLOOK THIS!!!

Commissioner Martin is pushing hard for this to begin. It is important for all concerned to know that Manto is serious and will produce all the required easements and/or take whatever other actions are deemed necessary!!

Will easements for the 5 hold outs be required for the revetment?

Yes and those will be dealt with and condemnation will proceed where necessary.

When will condemnation begin?

When we get go ahead from the State.

Do we need Brick easements to move forward with steel?

Yes and it is expected that Brick will move quickly in obtaining the required easements - they have 1/3 in hand already

J.Buck expressed concerns regarding oversight and requested consideration of a truly "outside" engineering firm with explicit expertise to conduct the 3rd party review.

It is understood that the insertion of the steel wall will be

**disruptive, noisy and
SHORT LIVED!!!!
Be thankful**

Keep in mind that this may be more disquieting to your pets than you so if need be..consider making provisions for their comfort during the construction period.

COMMUNITY BULLETIN BOARD

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If you have a Manto community related message or event you would like to post, please submit by the 15th of the month. Please include your contact information.

REMINDER

ALL RESIDENTS - PLEASE PROVIDE CELL PHONE AND CURRENT ADDRESS SO YOU CAN BE CONTACTED...PARTICULARLY OCEAN FRONT RESIDENTS.

ALSO, IF YOU HAVE REPOPULATED WITH PETS, PLEASE REGISTER THEM WITH THE BOROUGH...PREFERABLY BY PURCHASING A LICENSE.

If you know of someone who is not receiving the Reporter, please encourage them to send their email address to the reporter@mantoloking.org

Additionally, the Reporter can also be viewed at www.mantoloking.org



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