

DRI 659 - North Bluff Seawall – Post Public Hearing (1) Questions 2015-12-15

1. **Funding:**
 - a. How is the funding for this project currently allocated?
 - b. Can the State funding deadline for substantial construction of June 30, 2016 be extended?
 - c. Regarding CPA funding:
 - i. How much money from CPA is required for this project both initially and annually?
 - ii. What specifically would the CPA funding go towards?
2. **Maintenance:** At the Public Hearing the cost of annual maintenance for the proposed metal seawall was estimated to be \$5,000-\$7,500/year.
 - a. Has the Town considered these costs for on-going maintenance?
 - b. Where will the \$5,000-\$7,500 a year come from? Who will be responsible?
 - c. What Federal and/or State Permits would be required for this maintenance of the seawall?
 - d. Without proper maintenance, what is the environmental impact of the corrosion of a rusting seawall
3. **Repair and Replace:**
 - a. Was the repair of the existing wall considered as an option? Is it possible to repair the existing wall?
 - b. Was a replacement seawall made of concrete considered? Why was this option not selected? How long would a seawall made of concrete last compared to a sheet metal seawall?
 - c. How difficult is it to construct a replacement seawall? How long will it take to complete such a project?
 - d. Describe the seawall replacement as it currently is proposed?
 - e. A number of costs per linear foot a/o cubic foot for various aspects of the plan and alternatives were discussed. Can you list the price per linear/cubic/square foot for different types of seawalls/armoring projects? (Such as building a steel wall, a concrete replacement wall, repairing existing wall, beach nourishment, boardwalk, etc....)
 - f. Are there any other alternatives to the use of metal or concrete for the seawall?
 - g. If the seawall is not constructed, what is the effect on the bluff itself?
 - h. How difficult will it be to replace the steel wall in the future when it needs to be replaced?
 - i. Is completing the Beach Nourishment plan with repair of the existing wall a viable alternative.
 - i. How much would that cost?
4. **Examples:**
 - a. Has this type of wall been used before in the Ocean in a similar circumstance in New England?
5. **Endurance:** The current concrete sea wall has been in place for an estimated 75 years (albeit not in perfect shape).
 - a. How long will this type of proposed armoring last?
 - b. How does that compare with the existing concrete wall that has been in place?
 - c. Are there any complications associated with replacing sheet metal pile driven seawall?
6. **Beach Nourishment:**
 - a. Permitting for the Beach Nourishment 2 plan began in 2011. Why has it taken so long to complete?
 - b. Does the project as currently proposed negatively impact the beach as it currently exists?
 - c. What is the precise plan to accomplish beach nourishment on the North Bluff beach and what timeframes are reasonably used to see it accomplished?
 - d. What permits are required?
 - e. How often will the beach nourishment process need to occur?

- f. Will the groins require regular maintenance?
- 7. **Boardwalk:**
 - a. How did this concept originate?
 - b. Is this consistent with the Towns development plans
- 8. **Aesthetics:**
 - a. The appearance of the seawall is an issue discussed by many at the hearing. What is your response to those who question steel wall appropriateness at the north bluff?
 - b. Lampposts are shown on the plan but not in Sections and not at a scale that anyone can see in the perspective. Do you have a section and detail of what the lampposts would look like?
- 9. **Technical Information:**
 - a. Some of the testing that was done is difficult to understand. For example, a Standard Penetration Testing is measured in Blow Counts. Can you explain that as briefly as possible in writing for the laymen?
 - b. Claims were made that the existing seawall has “failed”. Is there a technical definition for what that means in this case? Has there been an official test with documentation that this wall is officially “failed”?
 - c. The soils under the parking lot, where the bulkhead was replaced a few years ago, appear to be different than along the site of the currently proposed metal seawall. Can you briefly explain the results of that testing and where it occurred, and describe the implications of this finding?
- 10. **Consequences:**
 - a. What are the economic risks if the town does nothing to the North Bluff Sea Wall?
- 11. **Lawsuits:**
 - a. The Town is appealing the decision by FEMA to withdraw funding. If the Town is successful in its appeal and receives the FEMA funding what would the funding be used for?
 - b. There were several appeals relative to the bidding process. Can you briefly describe the status of those and how that might affect project timing?