

**REPORT OF THE SHORE PROTECTION BOARD MEETING  
HELD ON THURSDAY, APRIL 28, 2011**

**I. CALL TO ORDER**

The meeting of the Shore Protection Board was called to order on Thursday, April 28, 2011, at 9:05 a.m., in the Town Council Chambers.

**II. ROLL CALL**

The following members were present: Chairman E. Llwyd Ecclestone, Vice Chair Bobbie Lindsay Buck, Mr. Kane Baker, Mr. Pat Cooper, Mr. Gerald Frank, and Mr. Lee David Goldstein. Mr. Lewis Katz had an excused absence.

**III. PLEDGE OF ALLEGIANCE**

Chairman Ecclestone led the Pledge of Allegiance.

**IV. COMMUNICATIONS FROM SHORE PROTECTION BOARD MEMBERS**

Chair Ecclestone asked about moving Shore Protection Board member's comments to the end of the meeting. Vice Chair Lindsay Buck suggested citizens go first and the Board members may then respond. Board Member Goldstein said he would like to change the format to be more like the Town Council and to allow time certain and consent agenda items.

**Motion was made by Board Member Goldstein and seconded by Vice Chair Lindsay Buck to change the agenda format of the meeting to have time certain and consent agenda items.**

Town Manager Elwell stated that a consent agenda could be used but noted that the Shore Board often had fewer items of business that required explanation from staff and consideration from the Board members. He explained that the consent agenda was used to cluster routine items together and to take one vote to approve those items. He said a Board member could pull an item off the consent agenda, discuss it, and take separate action on it.

**The motion to approve the change to the agenda format was unanimously carried.**

Board Member Baker said he had made some comments at the last meeting about sea oats and free plants. He reported that in today's world nothing comes free but he did find several growers and some groups that could do the planting of sea oats at a much lower cost. He stated that there should always be a budget for sea oat planting and, if not a budget, a small fund should be set up. Chair Ecclestone replied that the Board could set

1 up a fund among themselves or through the Civic Association. Board Member Baker said  
2 he had a foundation that could assist in cost sharing. Town Manager Elwell stated that the  
3 Town could receive donations and account for them separately in the budget. He  
4 explained that this would allow the Board to accomplish things that they wouldn't be able  
5 to with tax payer's money.  
6

7 Board Member Cooper reported that he had met with Paul Brazil, Director of Public  
8 Works, and learned that he was required to submit a five-year plan to the Town Council  
9 every time he submits a budget. He further reported that Mr. Brazil has to submit the  
10 Shore Protection Board budget to the Council by June whether the Shore Board approves  
11 it or not. He asked the Shore Board members to keep that in mind as they review the Plan  
12 B budget and try to tighten the process. Town Manager Elwell agreed there was a sense  
13 of urgency to get the 2012 budget decided. He spoke at length about the capital  
14 improvement plan and the coastal budgets. He stated that the Town had been going one  
15 year at a time with the coastal budget but acknowledging there was a large issue to be  
16 decided. He further stated that if the Board chose to move forward quickly enough to be  
17 included in the proposal to the Town Council in June (the original proposal by staff to get  
18 coastal on the same business approach as the rest of Town government), coastal  
19 protection would be included in the ten-year plan. Chair Ecclestone responded that the  
20 Board would strive to accomplish the recommendation.  
21

22 Vice Chair Lindsay Buck agreed spoke about the work of the Board and the current  
23 condition of the beach. She cautioned that the Board had to be careful to not mix  
24 cosmetic and quality of life improvements with shore protection improvements. She  
25 stated that the planting of sea oats is a good thing and, after speaking with Rob Weber,  
26 Coastal Coordinator, she had more information about the issues regarding the planting at  
27 Phipps Park. Town Manager Elwell responded that he had tried to make it clear that the  
28 concern of staff with the planting of vegetation at Phipps Park was the amount of sand  
29 available to plant was too small for it to be a good investment of the taxpayer's money.  
30 He reported that the likelihood was that the material would not serve its purpose at that  
31 location and would wash away. He further reported that the Town Council voted to  
32 follow the recommendation of the Shore Board to spend up to \$20,000 for the plantings.  
33 He stated there was reconsideration of that action several days later and, at a Special  
34 Town Council meeting, the Council by split vote decided not to proceed. There was  
35 further discussion on the plantings at Phipps Park.  
36

37 Chair Ecclestone asked if Karyn Erickson had started her work. Mr. Brazil answered that  
38 neither he, his staff, nor the consultants had been contacted by Ms. Eriksen.  
39

40 Chair Ecclestone asked the status of removing the Sand Transfer Plant's L-groin at Palm  
41 Beach Shores. Mr. Brazil responded that he expected to have some progress on extension  
42 of the discharge as well as expansion of the settling basin this summer.  
43

44 Board Member Cooper said that during the public comment last month a statement was  
45 made by an individual that they hold the Town responsible for protecting their property.

1 He asked if the asked if the Town does have responsibility and does it extend to a liability  
2 as had been suggested by that citizen. Town Manager Elwell replied that the Town does  
3 not have an obligation to provide any particular level of storm protection to any property  
4 in Town including public properties. He reported that after the first Shore Board  
5 convened in 2000 the policy of the Town changed to include an explicit intent to do what  
6 could be done responsibly in terms of permits and money to protect both public and  
7 private property. He stated that there is no obligation of the Town to do the work on  
8 public property and certainly no obligation in front of private property.  
9

10 Board Member Frank clarified that the State of Florida is obligated through state statutes  
11 to take care of beaches. He reported that money had been received from the state for each  
12 of the Town's beach renourishment projects.  
13

14 **V. COMMUNICATIONS FROM CITIZENS - 3 MINUTE LIMIT PLEASE**

15 Larry Goldberg, 3360 South Ocean Boulevard, distributed a "Do It Now" list for shore  
16 protection. A copy was submitted for the record. He stated that the Town should have let  
17 everyone know the areas of the shoreline that were adequate for vegetation and what  
18 areas should not have been planted. He also spoke about the need for federal regulation  
19 change, lobbying by the Town, adoption of Plan A, the need for 25-year storm protection,  
20 and his support of the Singer Island project. The Chair and Task Force members  
21 responded to Mr. Goldberg's remarks regarding the planting of the sea oats. Town  
22 Manager Elwell talked about the Town's lobbying efforts including meetings with the  
23 Governor and Congressman West. Town Council Member Richard Kleid reported that  
24 the Mayor and Town Council members had spoken to the Governor at the Centennial  
25 celebration regarding the need for more effort and less regulations and the Governor had  
26 said he would try to help.  
27

28 **VI. APPROVAL OF AGENDA**

29 **Motion to approve the agenda was made by Board Member Cooper, seconded by**  
30 **Board Member Goldstein, and approved unanimously.**  
31

32 **VII. CONTINUED CONSIDERATION OF THE SCOPE AND COST OF THE TOWN'S 10-**  
33 **YEAR COASTAL PROTECTION PLAN [Peter B. Elwell, Town Manager]**

34 Town Manager Elwell spoke about the changes in Town government to become more  
35 cost effective. He asked that the Shore Board members consider and discuss the financial  
36 implications of the projects and recommend to the Town Council a good storm protection  
37 program at a reasonable cost to the community. Chair Ecclestone disagreed saying that  
38 the Board was to provide shore protection to the Town. He stated that he did not believe  
39 that the County Club seawall should be paid from shore protection monies. He further  
stated it was a Town obligation but not a Shore Board obligation. He said that the Shore

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Board members ought to do what they think is best, have a consideration of cost, but protect the Town as much as reasonably possible.

Plan B for FY2013 through FY 2021 was reviewed.

**Townwide (Items 1-10)**

Board Member Goldstein said there should be a groin project in Reach 2 to try to hold some of the sand that would be placed by the Sand Transfer Plant pipe extension.

Chair Ecclestone proposed adding money for groin assessment/analysis. He stated there may be some savings for groin assessment if the County pays for the Sand Transfer Plant. Mr. Brazil responded that a thorough study had been done of the groins in Reaches 2 and the north end of Reach 3. He reported that the most practical, feasible, permittable, and affordable alternative was to rehabilitate the groins which would realize a 20' wide, relatively stable beach in areas where there is currently no beach. He reminded the Board that there is 25 year storm protection in those areas because of the existing seawall. He stated that the work on the groins would not provide additional storm protection.

Vice Chair Lindsay Buck added that the potential cost was \$400,000-\$500,000 per groin and the Town could be liable for potential mitigation and fill costs without additional shore protection. She said she could not vote for rehabilitating those groins, which did not mean not to have groins in Mid-Town and Reach 7.

Board Member Cooper asked about erosion under the seawalls from wave action because of the hardbottom. Mr. Brazil answered that all seawalls want to rotate either under the bottom or over the top. He reported that the seawalls go through a review, are generally in good condition, but some need rehabilitation. Board Member Cooper expressed concern with placing money in the budget for groins when they do not provide any additional shore protection. He said that the Board is under a restraint as to how much it can recommend. He asked for a stipulation to come back and look at it. He said that the Task Force needs to look at the areas along the coastline that do not have the 25 year storm protection or are at the risk of failure.

Chair Ecclestone said he felt that groins and sand do provide some protection, but only seawalls provide 100% protection. He stated that he would like to use the money saved from the Sand Transfer Plant for the groins. Board Member Cooper asked Chair Ecclestone if he would agree to move the money if it was needed in another more important area. Chair Ecclestone agreed. Board Member Frank suggested there may be other areas of the budget where the additional funds were needed. He asked that money not be allocated until the end of the budget review.

**Motion to accept the proposals for Townwide, items 1-10, was made by Board Member Frank, seconded by Vice Chair Buck, and approved by a 5-1 vote with Chair Ecclestone dissenting.**

Lake Worth Inlet Improvement (Items 11-20)

Town Manager Elwell explained that the items in purple at the bottom of the spreadsheet related to the ongoing litigation with the United States of America regarding the Inlet. He suggested these items not be addressed until the conclusion of the litigation.

There was discussion regarding the possible sand source north of the Sand Transfer Plant. Chair Ecclestone asked about the concrete abutment that was to be moved north. Mr. Brazil responded that the moving of the L-groin could be accomplished in the existing budget.

Board Member Frank asked about the \$100,000 cost in FY 2013. Mr. Brazil answered that it was to modify the United States Army Corps of Engineers (USACE) permit to allow an expanded disposal area, which is currently limited to Reach 1 and a portion of Reach 2. Town Manager Elwell explained that the Town wanted the ability for the USACE and the Town, when doing a maintenance dredging permit, to move Inlet sand to Mid-Town and the south of Reach 1. He further explained that the existing permit would be modified to provide flexibility in the future.

**Motion to accept the proposals for the Lake Worth Inlet Improvement, items 11-20, was made by Board Member Frank, seconded by Board Member Cooper, and approved unanimously.**

Reach One (Items 22-23)

Town Manager Elwell reported that the only item was for sea turtle monitoring and it was required.

**Motion to accept the proposals for Reach One, items 22 and 23, was made by Board Member Frank, seconded by Board Member Cooper, and approved unanimously.**

Reach Two (Items 27-28)

Regarding the North Ocean Boulevard Seawall, Vice Chair Lindsay Buck reported that there is only about 6' to 10' between the seawall and County Road. She asked if the Town could get a legal opinion on the agreement with the County Club for repair of the seawall. She requested the Country Club be asked if they would be willing to share in the cost. Chair Ecclestone stated that the same problem exists north of the Kennedy estate. Town Manager Elwell reported that Town Attorney Skip Randolph had researched the agreement with the Country Club and advised that the agreement is distinguishable from the Sand Transfer Plant. He explained that a consideration from one party to another that is bound forever is not allowed under Florida law. He further explained that an agreement that does not have a specific term and that has a continuing benefit being exchanged between the parties is allowed. He reported that at time the Town agreed to the

1 maintenance of the seawall the Country Club had granted easements to the Town and the  
2 community continues to receive the benefit of the easements. He said that the easements  
3 relate to the roadway and Lake Trail. Board Member Frank said the funding should come  
4 from the capital improvement program and not be taken away from the shore protection  
5 of homeowners. Chair Ecclestone asked if the money would be bonded. Town Manager  
6 Elwell answered that it was anticipated that it would be a bond issue with some short  
7 term borrowing at the time the project was completed and then rolled into the next large  
8 bond in 2017-2018. In response to the issue that the funds should not come from shore  
9 protection, Town Manager Elwell said that any seawall is the last line of defense and is  
10 shore protection. He explained that the North Ocean Boulevard seawall protected the  
11 road which is the evacuation route for the north end of the Island. A lengthy discussion  
12 followed on the seawall and on the proposed restrooms for Mid-Town. Chair Ecclestone  
13 asked that it be clearly understood that the amount for the seawall repair would be less  
14 than listed in the Plan B budget and would reflect the debt service for the project.  
15

16 **Motion to accept the proposals for Reach Two, items 27 and 28, was made by Board**  
17 **Member Cooper, seconded by Board Member Goldstein, and approved**  
18 **unanimously.**  
19

20 Reach Three/Four (Mid-Town) (Items 29-34)  
21

22 Town Manager Elwell stated that the items were mostly obligations the Town would be  
23 fulfilling and the main optional item was related to the groins. He further stated that he  
24 believed there was strong consensus that the Town should be pursuing the installation of  
25 additional groins at the southern end of the Mid-Town project to provide greater stability  
26 to that area.  
27

28 **Motion to accept the proposals for Reach Three/Four (Mid-Town) items 29-34, was**  
29 **made by Board Member Cooper and seconded by Board Member Frank.**  
30

31 Chair Ecclestone asked if the \$12 million in 2018 was the last obligation to renourish the  
32 beach. Town Manager Elwell answered that because of the groins, the Town would  
33 always have an obligation to put some amount of sand back on the beach. He added that  
34 the time between intervals would increase and the amount of sand to be placed would  
35 lessen.  
36

37 Noting that the item had substantially changed from Plan A, Board Member Cooper  
38 asked for an engineering point of view for removing \$14,300,000 from the ten-year plan  
39 and changing from two large beach renourishments to one large and one small project.  
40 Mr. Brazil responded that it was a timing matter. He explained that in 2015 actual  
41 construction at Reach 7 and at Mid-Town were scheduled and funding would be difficult.  
42 He said it was easier to shift Mid-Town because the beach was healthier. He reported that  
43 a relatively small amount of sand would be added at Mid-Town and break the cycle  
44 between Mid-Town and Reach 7.  
45

1 Vice Chair Lindsay Buck asked if the scaled back beach renourishment project would use  
2 off-shore sand and a lesser amount than originally proposed. She also asked about the  
3 cost and volume of sand in 2018. Mr. Brazil responded that the volume would be larger  
4 than 2015 and would still be an off-shore sand source. He said the volume in 2018 would  
5 be less than done in the past because the projects were becoming more stable and lasting  
6 longer.

7  
8 Vice Chair Lindsay Buck said that the \$1.7 million for the groin at Gulfstream needed to  
9 be done at the same time as a small nourishment to retain the sand in the Mid-Town area.  
10 Mr. Brazil reported that the \$2.7 million for sand would cover the new groins, insure that  
11 the existing groins were covered, secure the beach, and buy time to break the cycle  
12 between the projects.

13  
14 Board Member Frank asked if the permit for the groins was included in the permit for the  
15 beach renourishment. Town Manager Elwell replied that the \$20,000 was supplemental  
16 money and would provide for the groins. Board Member Frank asked if there would be  
17 mitigation on the groin project and if there would be mandatory refilling of groins. Mr.  
18 Brazil replied that he did not expect mitigation on the groin project but the refilling of the  
19 groins would be mandatory but would not change the template of the project.

20  
21 Board Member Cooper asked that if all the sand found in the sand search was totaled,  
22 would it be enough for all the projects or would the Town have to get inland sand. Mr.  
23 Weber responded that the north end sand search was not complete. He reported that the  
24 volumes in both the north end and south end sand searches were enough to support the  
25 ten year program.

26  
27 **The motion to approve the proposals for Reach Three/Four (Mid-Town) was**  
28 **approved 5-0 with Chair Ecclestone abstaining.**

29  
30 **Following a break, Chair Ecclestone stated that he had been advised that he did not**  
31 **have a conflict and could not abstain. He stated that he would vote no. The motion**  
32 **on the proposals for Reach Three/Four was approved 5-1.**

33  
34 Reach Seven (Phipps), North of the Lake Worth Pier (Items 43-52)

35 Reach Eight, South of the Lake Worth Pier (Items 53-64)

36  
37 Board Member Frank suggested that Reach 7 and Reach 8 be discussed together because  
38 they are closely tied. Chair Ecclestone reminded the Board that Reach 7 had been  
39 expanded to the Lake Worth Pier. There was consensus to discuss the two items together.

40  
41 Vice Chair Lindsay Buck stated that Plan A focused on placing some structures in the hot  
42 spot in Reach 7. She asked that there be discussion on why the cost was reduced.

43  
44 Town Manager Elwell reported that the intent of the recommendation for Reach 7 and  
45 Reach 8 was to expand Reach 7 because there are no mitigation issues and to move the

1 boundary between the two reaches to the Pier, placing a volume of sand to keep that area  
2 healthy and act as a feeder beach to the area south of the Pier. He stated that this work  
3 would enable the Town to scale back the work south of the Pier for a ten-year plan that  
4 was reasonably accomplishable and cost effective. He explained that it would not include  
5 items that could not get permitted and were costly. He stated that staff felt the  
6 recommendation would protect the southern end of Reach 7 and the area south of the Pier  
7 in Reach 8.

8  
9 Mr. Brazil explained that the permitting effort in Reach 7 (Sloan's curve to the Pier)  
10 would continue for beach nourishment and structures. He reviewed the projects in Reach  
11 7 and Reach 8:

- 12 • FY2014 – Reach 7 - \$9 million for sand and \$3 million for structures
- 13 • FY2014 – Reach 7 - \$2.5 million for mitigation of the structures
- 14 • FY2014 – Reach 8 - \$.5 million additional dunes constructed in conjunction with
- 15 the beach fill done in Reach 7
- 16 • FY2015 – Reach 8 - \$1 million for mitigation for repetitive dune work in Reach 8
- 17 and repetitive beach nourishment in Reach 7
- 18 • FY2017 – Reach 8 - \$1.7 million for dunes using trucked sand
- 19 • FY2020 – Reach 7 - \$1.6 million for trucked sand
- 20 • FY2021 – Reach 7 - \$200,000 beginning of permitting for next phase of full
- 21 project

22  
23 In response to a question from Board Member Cooper, Mr. Weber stated that the cost of  
24 off-shore sand for was \$12 a cubic yard and \$40 for trucked sand.

25  
26 Board Member Cooper asked the reasons for the hot spots. Mr. Brazil replied that it could  
27 be caused by the land features, near shore features, rock off-shore, man-made impacts  
28 (groins), or a change in the shoreline alignment. Town Manager Elwell stated that  
29 because the Town was unable to place sand further north there would always be faster  
30 erosion at the north end of the Reach 7 project. Mr. Brazil added that sand placed on the  
31 north end of any project would move first, part off-shore and part towards the south end  
32 of the project. He said that structures and coarser sand would slow the movement down,  
33 but it would move. He reported that staff was working with Coastal Tech to refine the  
34 placement of the structures. He stated he believed it would take fewer structures than  
35 originally estimated to better stabilize the north end of Reach 7. Town Manager Elwell  
36 cautioned that the budget numbers for the structures were more conceptual than the sand  
37 numbers.

38  
39 Mitigation was discussed. Town Manager Elwell reported that the plan contemplates  
40 placing sand in the area north of Phipps Park to Sloan's Curve with a mitigation impact.  
41 Mr. Weber suggested that the project be considered as one unit. He stated that the  
42 construction of the structures (length and distance apart) would dictate how much updrift  
43 sand is kept north of the structures and would affect the mitigation.  
44

1 Board Member Goldstein said he believed the Town should have an engineered beach in  
2 Reach 8 because using trucked sand to replenish the dunes every three years places a  
3 hardship on the condo that provides access to the beach. He stated that an engineered  
4 beach would provide 25 year storm protection. He spoke about the costs for the project  
5 and said it would be an engineered beach for \$4.6 million versus the \$3.5 million dune  
6 cost.

7  
8 Vice Chair Lindsay Buck stated that it was her understanding that part of the reason for  
9 the hot spot in Reach 7 was due to the rock revetment the State placed to protect the A1A  
10 evacuation route. She suggested that the government officials be asked to participate in  
11 the cost because the Town had to put in a structure to stabilize the beach that they made  
12 unstable. Town Manager Elwell said it was a good point regarding the State's impact  
13 with the revetment in Reach 6. He expressed concern that the State would continue to  
14 provide funding for beaches. He explained that the money set aside by Senator Atwater  
15 for Reach 8 may be redirected to another project that is ready to go. He agreed that if the  
16 numbers for the beach work were comparable to the repetitive dune work and if there was  
17 a level of confidence the Town could get the project permitted, it would be a project to  
18 pursue. He questioned Board Member Goldstein's funding numbers for Reach 8. He  
19 stated that staff believed that the repetitive dune work together with the positive impact of  
20 the Reach 7 feeder beach approach would provide adequate protection to Reach 8. He  
21 reported that there was currently 25 year storm protection in Reach 8 and the proposal  
22 would maintain that level of protection except in the few properties in the extreme south  
23 end of the Town where often the waves hit the base of the seawall. He further reported  
24 that the efforts to get a permit for a truck haul in Reach 8 were continuing but it was  
25 questionable whether or not it would be permitted. Board Member Frank asked about a  
26 dredge and fill. Town Manager Elwell answered that he did not believe it would be  
27 possible due to the rock near to shore. He added that the permit request was for truck haul  
28 sand and the permit would have to be changed to change the source of sand. He reviewed  
29 the funding for beach project construction in Reach 8. He said that the downside of Plan  
30 B was there was some lesser level of storm protection but it was still adequate, and there  
31 was not an engineered beach designation.

32  
33 Board Member Goldstein stated that the Town needed to take the time to look at other  
34 sources of inland sand. He said the permit could then be changed and the cost would be  
35 reduced. Mr. Brazil spoke about how the Reach 7 and Reach 8 projects worked together  
36 and said they could not be separated and still perform in the same manner. In response to  
37 a question from the Chair, Penny Cutt of Coastal Systems reported that the sand from the  
38 Ortona mine was different grain sizes and the current mean was about .45 which could  
39 affect the design of the current project being permitted. She said that the chance of  
40 finding .45 mean grain size off-shore was extremely slim. She spoke about the impact of  
41 modifications to the permit. A lengthy discussion followed.

42  
43 Board Member Cooper asked about the status of the Environment Impact Statement  
44 (EIS). Mr. Brazil responded that it was still in process and the Town had not received a  
45 recent update. He stated that anything other than repetitive work on the dunes in Reach 8

1 would require the EIS. Mr. Weber reported that an output of the EIS would be to provide  
2 structural alternatives. He explained that the EIS would not be a complete document  
3 because it cannot be reviewed by the U.S. Fish and Wildlife because there is not a project  
4 associated with it. (The County breakwater project was discontinued by the Board of  
5 County Commissioners.) Board Member Cooper suggested that the Shore Board may  
6 make a decision to pick up the EIS. Mr. Brazil stated that the Town would need the EIS  
7 to do a full project in the south end of Reach 8, but it was not included in either Plan A or  
8 Plan B and would be years out.

9  
10 Vice Chair Lindsay Buck agreed with staff's recommendation for extending Reach 7,  
11 placing a large amount of sand in that area, and doing the repetitive dune projects in the  
12 area that needs the sand the most. She stated that if there is a storm, the Town could place  
13 more sand on the dunes and keep replenishing that area, which gets starved because of  
14 the Pier.

15  
16 Board Member Frank asked how the Town could combine the current permitting in  
17 Reach 8 with the proposed Reach 7/8 combination. Ms. Cutt answered that the agencies  
18 would not consider two permits, two options for the same stretch of beach concurrently.  
19 She said staff hoped to secure the Reach 8 project permit before the Town requests  
20 authorization for the recurrent dunes. She explained that if a dune only project would  
21 meet the project purpose, the agencies would look at why a larger construction fill permit  
22 should be considered. She said that is why there is a need to continue the current  
23 permitting process and secure the permits before presenting an option for dunes only in  
24 Reach 8. Board Member Frank asked about a time frame for the permitting. Ms. Cutt  
25 answered that the Town was close to submitting a substantial response to the initial  
26 requests from the agencies for additional information and once that was submitted, there  
27 would be one or two additional rounds of requests for information. She reported it was  
28 possible the permits could be received by the end of the calendar year.

29  
30 Chair Ecclestone asked about changing the truck haul sand to offshore sand. Ms. Cutt  
31 responded that the review process was commensurate to what was being done and it  
32 would be a much more complex review if the source moved to offshore. There was  
33 discussion on the type of sand that could be used.

34  
35 Chair Ecclestone said he believed that inland sources of sand, closer than Ortona, should  
36 be investigated and the Town should probably continue the EIS. He asked about  
37 budgeting \$200,000-\$400,000 three-to-four years out. Mr. Brazil stated there was some  
38 money budgeted (\$500,000) for the EIS in line 58 in 2011. He suggested that once the  
39 EIS was issued, additional money could be budgeted in Reach 8 for a preliminary study  
40 for structural alternatives and the permitting effort. A discussion followed.

41  
42 **Motion was made by Board Member Goldstein and seconded by Chair Ecclestone to**  
43 **add \$200,000 to Plan B in FY2013 for potential analysis of structures, adding to the**  
44 **EIS, or looking for possible permit of Reach 8.**  
45

1 Town Manager Elwell clarified that line 59 would be amended to add "potential"  
2 permitting structures and the funds would be added in FY2013.

3  
4 Vice Chair Lindsay Buck questioned if the permit truck haul permit should be pursued.  
5 She proposed eliminating the truck haul permit and placing the \$100,000 for that project  
6 into structures for Reach 8. Ms. Cutt explained that the benefit of pursuing the truck haul  
7 permit was if there was an extreme nor'easter or a hurricane it would provide the option  
8 to respond and replace the beach. Town Manager Elwell stated that Ms. Cutt, in her peer  
9 review of Plan B, had made the recommendation to continue to pursue the permit and  
10 hold it as an insurance policy.

11  
12 Town Manager Elwell pointed out that during the term of the Plan there would be some  
13 projects that come in less expensive, some that come in more expensive, and some that  
14 don't need to be done to the same scale as budgeted. He said that the likelihood was that  
15 within the overall scope of the coastal program the amount of money would be available  
16 to invest in the effort requested by the Shore Board at the appropriate time. He suggested  
17 that the ebb and flow of funds be used to pay for the project rather than identifying a  
18 \$200,000 investment in the middle of the program that may cost millions of dollars to  
19 implement. He expressed concern with showing the \$200,000 as the starting point for  
20 something else that was not included in the plan.

21  
22 Vice Chair Lindsay Buck commented that the Town gave the County \$500,000 to study  
23 structures in Reach 8 and it would behoove the Board to see the results of that investment  
24 and what the County would do.

25  
26 Chair Ecclestone called for the question.

27  
28 **The motion to add \$200,000 to Plan B in FY2013 for potential analysis of structures,**  
29 **adding to the EIS, or looking for possible permit of Reach 8 was approved 4-2 with**  
30 **Board Member Baker and Vice Chair Lindsay Buck dissenting.**

31  
32 Board Member Cooper clarified that the Shore Board was saying to the Town Council  
33 that it would like a more permanent solution than dunes for Reach 8 and wanted an  
34 option for that more permanent solution if it becomes available through the EIS. He said  
35 to have the flexibility imbedded in a plan without commitment to spend doesn't do any  
36 harm.

37  
38 **Motion to accept the proposals for Reach Seven (Phipps), North of the Lake Worth**  
39 **Pier, items 43-52, and Reach Eight, South of the Lake Worth Pier, items 53-64, with**  
40 **the change of potential structure permitting in the amount of \$200,000 in year 2013**  
41 **was made by Board Member Goldstein, seconded by Board Member Cooper, and**  
42 **approved unanimously.**

43  
44 581 Account Items (Operating) (Items 65-74)  
45

1       **Motion to accept the proposals for 581 Account Items (Operating), items 65-74, was**  
2       **made by Board Member Goldstein, seconded by Vice Chair Lindsay Buck, and**  
3       **approved unanimously.**  
4

VIII. SCHEDULE OF FUTURE SPB MEETINGS FOR SUMMER 2011 [Peter B. Elwell, Town  
Manager]

5  
6       **Motion to schedule the next meeting of the Shore Protection Board for Thursday,**  
7       **September 29, 2011, was made by Chair Ecclestone, seconded by Board Member**  
8       **Goldstein, and approved unanimously.**  
9

10       Town Manager Elwell stated that if in the Chairman's judgment there is a need to call a  
11       Special meeting before September to address any matters going before the Town Council,  
12       there would be that opportunity. He suggested the Board members schedule an all day  
13       session for September 29 because there would be a lot of business to discuss.  
14

15       Chair Ecclestone requested a one-page monthly informational report.  
16

IX. ADJOURNMENT

17       Chair Ecclestone adjourned the meeting at 12:53 p.m.  
18  
19

20                                   APPROVED:

21  
22                                     
23                                   E. Llwyd Ecclestone  
24                                   Chairman  
25  
26