# TOWN OF PALM BEACH

Office of The Town Clerk

## MINUTES OF THE SHORE PROTECTION BOARD MEETING HELD ON FRIDAY, SEPTEMBER 25, 2009

### I. CALL TO ORDER

**The meeting of the Shore Protection Board was called to order at 9:00 a.m., on Friday, September 25, 2009 in the Emergency Operations Center, 355 S. County Road, Palm Beach.**

### II. ROLL CALL

On roll call, Chair Ecclestone, Vice Chair Frank, Members Lindsay Buck, Hicks and Goldstein were present. Members Raffo had an excused absence. Member Katz had an unexcused absence.

***Member Katz arrived at 9:06 a.m.***

### III. PLEDGE OF ALLEGIANCE

Chair Ecclestone led the Pledge of Allegiance.

### IV. APPROVAL OF AGENDA

**Motion to approve the Agenda as printed made by Member Goldstein, seconded by Member Lindsay Buck. On voice vote, the motion carried unanimously.**

### V. APPROVAL OF THE MINUTES OF THE AUGUST 27, 2009 MEETING

**Motion to approve the Minutes of the August 27, 2009 meeting made by Vice Chair Frank and seconded by Member Goldstein. On voice vote, the motion carried unanimously**.

### VI. COMMUNICATIONS FROM SHORE PROTECTION BOARD MEMBERS

Member Hicks stated that he had a few comments. He mentioned Dr. Kuvin's letter in the *Palm Beach Daily News* and commended Member Lindsay Buck's response. He stated that he thought it was excellent and echoed a lot of his thoughts. He read a prepared statement of what he would have responded with. He also talked about the CPE and ATM reports Dr. Kuvin referenced.

Vice Chair Frank discussed the project that DERM is conducting at Ibis Isle. He asked that in the future when the County does a project like that, the Town should be provided information


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and presented at a meeting, so that the Shore Board Members could be informed when residents see "water projects" going on. He also discussed the staghorn coral discovered in our area and felt it should be looked into further. Typically it only grows in 65 feet of water. There should not be a problem with beach nourishment.

Public Works Director Brazil indicated that studies show that the coral should be in 65 feet of water and not in the near shore. However, doing work near shore creates a third leg in the permitted process and would have to have the approval from the coral protection groups. Chair Ecclestone asked if a study needed to be done. Public Works Director Brazil indicated there will be an opportunity for comments later on in the process.

Member Hicks indicated that the Town received bad press. He reiterated that the Town is not opposed to the coral reefs, it was more the idea that the Town had less than 48 hours to respond with any objections.

Town Manager Elwell noted that the Town **does** want to protect environmental resources. The Town does not feel there would be any environmental impacts in the proposed projects. He described the timeline of the project when the coral was original designated up to the Boynton Inlet took several years. Based on scientific data, the Town formulated a response and was successful in the prior process.

Member Goldstein asked about the emails that were received in the Town regarding the staghorn coral issue. It was a form letter that a resident started that stated the town should withdraw its request for the coral reef designation objection. Public Works Director Paul Brazil stated that he is unable to control what people read and cannot force them to read the study and know what it entails. Town Manager Elwell stated that he would work with Chairman Ecclestone to develop a letter to the newspaper to better explain the Town's position.

Vice Chair Frank said it should be noted to the public that the Town wants to be involved in the decision making and that we are no against the coral. He felt the Town's response again would be appropriate.

Member Hicks indicated that his background research on the subject was that the coral grows in depths of water of at least 40-65 feet. Public Works Director Brazil Paul indicated that in previous responses the depth has been addressed as well as water temperature. Member Katz asked a question as well (inaudible).

Member Lindsay Buck added that Mr. Ed Tichenor was quoted discussing 65 feet for the depth of staghorn coral growth. He is a highly regarded environmental professional in the area. She believed Mr. Tichenor was quoted as saying he did not think the coral would negatively impact beach nourishment projects. She noted that Broward and Dade Counties have had this coral for decades and have also had nourishment projects. There must be some truth to that.

Town Manager Elwell stressed that the individuals that advised the Town are the consultants that previously worked for the USACOE on permitting federal projects. Their advice was that this coral could significantly affect the permitting processes by delaying the process, create layers of bureaucracythat adds more time, money and effort in the entire process. The Town is opposed to adding an additional layer of bureaucracy to the process if it is not necessary.

VII. COMMUNICATIONS FROM CITIZENS - 3 MINUTE LIMIT PLEASE

Lewis Crampton, 2335 S. Ocean Blvd., spoke regarding the staghorn coral issue. He stated that there is a worldwide coral decline. It is disappearing all over the world. The permit process becomes more complex as it goes.

Council Member Bill Diamond, 220 Wells Road, asked about the Shore Management Plan. He was told that it would be discussed at length later on in the agenda. Town Manager Elwell indicated that the plan was to be discussed today and the cost listed was the cost of maintaining the dredging of the inlet - and is shown as its own contingency line item.

Member Lindsay Buck cautioned that the Board is wary of putting money on paper and only received the project spreadsheet plan the day before. It is a working document and may be changed. She cautioned that the public should not assume every project is going to be done.

Vice Chair Frank indicated that the sand that would be used from dredging the inlet could help with the reducing the cost of buying sand for other sand projects.

Action Items:

VIII. APPROVAL TO ENTER INTO CONTRACTS WITH COASTAL TECHNOLOGY CORPORATION (CTC) AND COASTAL SYSTEMS INTERNATIONAL (CSI) TO PROVIDE COMMENT ON THE SHORE PROTECTION BOARD'S COASTAL MANAGEMENT PLAN [H. Paul Brazil, Director of Public Works]

Staff requested that the Shore Protection Board review the general information and approve both Coastal Technology Corporation (CTC) and Coastal Systems International (CSI) to perform a review of the Shore Board's plan to be submitted to the Town Council in November 2009.

Member Katz asked how the dollar figure was determined. Public Works Director Brazil responded that both consultants provided the cost estimates based on the hours it would take to review. Member Katz stated he would rather pay more money for a good report, because you get what you pay for. Chair Ecclestone agreed with Member Katz. Town Manager Elwell indicated he was confident that the cost would not exceed $5,000 for each consultant.

**Motion to approve contracts with Coastal Technology Corporation and Coastal Systems International to provide comments on the Shore Protection Board's Coastal Management Plan, to authorize staff not to exceed $10,000 in payment, made by Member Katz and seconded by Member Goldstein. On voice vote, the motion carried unanimously.**

Discussion Items:

IX. SHORE PROTECTION BOARD'S COASTAL MANAGEMENT PLAN TO BE SUBMITTED TO TOWN COUNCIL [Robert Weber, Coastal Coordinator]

The Shore Protection Board members provided input at the last meeting and during subsequent individual conversations. Staff developed a first draft of the report that will go to the Town Council and a proposed work plan on a spreadsheet that highlights many of the member comments and concerns.

The staff and Board Members went page by page through the draft report and offered comments. This would be the mechanism in which the plan is delivered to the Town Council in November. It included the charge of the Shore Protection Board, and the meetings held. The next section was related to the objectives. Member Lindsay Buck indicated that the Board approved a list of objectives in March and she requested that the list of those objectives be included in the document. Public Works Director Brazil indicated that the objectives fit as a lead-in to the objective plan. He offered to have the list of objectives first, then go into the explanation afterwards. There was also a section on the previous Shore Board's Conclusions and Recommendations and lastly, the current Shore Board's recommendations and Coastal Plan.

The Shore Board Conclusions, Recommendations, and Proposed Work Plan were:

- Sand Source Investigation
- Town-wide Groin Assessment
- Create a working relationship with Environmental Advocacy Groups
- Coastal Management Discussion with Regulatory Agencies
- Complete the immediate Shore Protection Board priorities
- Sand Transfer Plant Operations
- Comprehensive Coastal Management Plan
- Reapply for Reach 8 Beach Restoration

Member Katz suggested having a short page of objectives and keep them separate from the tasks. Town Manager Elwell stated that Public Works Director Brazil's recommendation was to place the list first. There was a difference of opinion on relating the items in layman's terms, and others want more technical detail. By inserting the objectives in the beginning- it may be more clear. Member Hicks agreed with the list in the beginning and thinks that the list should be reviewed again. Town Manager Elwell suggested having an addition meeting in October (7th) in addition to the October 22 meeting. Member Goldstein suggested changing the titles.

Member Katz asked about what the presentation would be, if it were a power point, if the entire Shore Board speaks to the Town Council or if it was only going to be the Chairman. Chairman Ecclestone responded that it was ultimately up to the Shore Board to decide what to present and how, but staff would assist in any way necessary.

*Member Katz left the meeting at 9:48 to speak to Council Member Diamond.*

Next, the Shore Protection Board discussed the Conclusions Recommendations and Proposed Work Plan. The large spreadsheet (Coastal Management Plan) was presented to the Board for discussion. Chair Ecclestone suggested that the text correlate to the spreadsheet. Public Works Director Brazil also noted that at some point in the plan, roadway protective seawalls should be inserted. The Board collectively analyzed each section line by line and determined its prioritization and color coding.

Suggestions and discussions were:

- Rename "objectives" as tasks or some other word
- Have a 3 year presentation isolated from the ten year plan.
- Was one million dollars enough for sand location studies
- Layout of the plan- decided to make it similar to Comp Plan, Capital Improvement Plan.
- Joint ventures with other municipalities
- Distribute plan to environmentalists and state and federal agencies
- Coordinated town-wide effort instead of breaking details down reach by reach

Member Katz wanted to invite the companies that are specialized in sand location and come to the meetings and tell the board how they do it. He suggested it may not cost a million dollars. Town Manager Elwell recommended completing the plan before having more guest speakers.

Public Works Director Brazil explained the color coding on the chart and what each color represented. Council Member Diamond asked why looking for sand costs a million dollars. Public Works Director Brazil said you have to bore from a barge in order to identify a borrow area. There is a known borrow area that the County has found, but it is unclear if they would allow us to use it. Trucked in sand is $40-45.00 per cubic yard and is extremely expensive for a beach nourishment project.

Chair Ecclestone suggested that the Board see the entire report first and then decide how it should be presented. Public Works Director Brazil next discussed the Town Wide projects. Things change and there are also regulatory changes from year to year. DEP funding may not exist in the out years. Chair Ecclestone asked about the numbers and Public Works Director Brazil responded that what was presented were the total costs. There could potentially be grant monies, reimbursements to the Town etc. which may lower project costs.

Town Manager Elwell indicated that the organizational issue is substantive. It was very important to show the plan as a ten year plan and very important to convey that only the first few years have an aspect of certainty to them.

*Member Katz returned to the dais at 9:56 a.m.*

Chair Ecclestone indicated that if there is storm- it would make the entire wish list obsolete. The public needs to understand that this would be a working document and would be reviewed annually. It will continue to be a living document. Each year there will be modifications to the plan based on circumstances.

Member Lindsay Buck expressed the difficulty in trying to create a comprehensive report in public as a group and expressed concerns about how to construct the report so it could be accurately interpreted by the public. She commented that the Board has only had the report for less than 24 hours. Chair Ecclestone admitted he had not read through the report, and Member Lindsay Buck responded that she had.

Council Member Richard Kleid did not feel the Town Council members should interject into the conversations. He said to consider the opposition or challenges form environmental groups prior to delving into an expensive project.

*Member Katz left the dais to speak to a member of the audience at 11:17a.m. and returned to the dais at 11:22a.m.*

Larry Goldberg, 3360 S. Ocean Blvd., said the sand issue is very confusing. He asked why the Town keeps dredging to keep the port open. He did not feel the Town should pay for it. Town Manager Elwell responded that it was a contingency item much like the sand transfer plant but would need to be done if no one else did it.

Peter Pettie, 3400 S. Ocean Blvd., asked about mitigation costs for hard bottom and there are 40 acres from the Sand Transfer Plant and that 2 million has been allocated. Town Engineer Bowser stated that the equipment is set for delivery in early December at the Sand Transfer Plant. The restoration of the exterior has already begun.

Town Manager Elwell reinforced again what the Shore Protection Board is being asked to do. That was why the board authorized the hiring of the two consultants earlier in the meeting to have a peer review of the report.

There was lengthy discussion regarding the color coding and dollar amounts item by item. The changes were to be incorporated by the next meeting and reviewed again.

*Member Hicks left the dais at 11:28a.m. He returned to the meeting at 11:31a.m. He apologized publicly to the board for having to step out.*

*Town Manager Elwell announced he had to leave for approximately ten minutes and would be returning around noon.*

Member Lindsay Buck said Reach 8 presents a dilemma for the board. The part of Reach 8 in dire need of attention is the south end. The proposed project included a dune restoration in the south end, but to spend at least $13 million dollars to put much less sand on a beach that already has sand does not seem to make sense. This is the same price tag as the original project that was turned down but is less than half the sand. A dune project only in the south end would cost approximately $1 million dollars, plus some mitigation costs, so you could say that the Board is spending $10-11 million to put much less sand on the beach that did not need sand, in order to get the engineered beach designation form FEMA. She asked if the money would not be better spent doing a full restoration project in Reach 7, which is sorely in need of sand, and would act as a feeder beach for Reach 8, while doing the dune project in Reach 8. This was the same price as the recent project that was turned down but now was for half the amount of sand as before.

Member Katz commended Member Lindsay Buck for her comments and said she is starting to sound like a coastal engineer. He did not want to do a short project. He asked why the Town was spending money on something that would repeat mistakes that had been made in the past.

Vice Chair Frank stated that in 2011 there would be $14 million dollars for projects in Reach 8. He noted that sand is going south in the north end of Reach 8 from the Reach 7 project. The south end of Reach 8 is where there is a problem. Reach 8 is the only beach in town that has not been engineered and in event of storm, if the beach was destroyed, there would not be any FEMA help in the form of monetary reimbursement. Public Works Director Brazil provided information that Reach 8 currently looking pretty good but it had not regained elevation from previous storms. Quality of sand is another part of the problem: the performance of it, life expectancy, mitigation and the cost of the permitting process is approx $150,000.

Member Hicks also thought that if the cubic yard was being reduced by 40% and would the expenditure be worth that. Member Hicks requested an update on the FEMA beach/dune project. Coastal Coordinator Weber said the permit application was sent out on September 8 by Applied Technology & Management and awaiting a response, expected in early October.

Peter Pettie asked about Sloan's curve and if it was part of the FEMA reimbursement and it was not. Public Works Director Brazil said the FEMA Reach 3, 4 and 7 restoration did not include Sloan's Curve; but money was asked from the Town to incorporate Sloan's Curve into the project.

*Town Manager Elwell returned to the meeting at 12:09p.m.*

Vice Chair Frank said that bringing in sand is a slow process, and you need access through the condos, and it can tie up buildings for 2 years. He feels the $150,000 would be well spent because an investigation would be needed anyway.

Mike Jenkins form ATM said it would be possible to do the project in smaller phases.

*Member Katz left the dais again at 12:34p.m.*

Member Hicks indicated it would take 20,000 trucks, and would be a large amount of money. Member Goldstein said they are only talking about a $150,000 gamble right now. Jim Bowser stated that when you go into an agreement with DEP that they obligate themselves to the cost of the project.

*Member Katz returned to the dais at 12:36p.m.*

**Motion to request from the Town Council to approve $150,000 in Reach 8 for permitting with a Coastal Engineering firm to begin the permitting application process and to bring back the application to the Shore Board before filing for further consideration made by Vice Chair Frank and seconded by Member Goldstein. On voice vote, the motion carried unanimously.**

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*The meeting resumed at 1:36 after a 30 minute lunch recess.*

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*The meeting reconvened without Board Members Katz and Frank. Member Frank had a flight to catch and would not be returning to the meeting.*

Chair Ecclestone called the meeting back to order and the Shore Protection Board continued to discuss the draft plan.

Town Manager Elwell asked to continue on with the items in Reach 8 with Public Works Director Brazil.

Public Works Director Brazil indicated that they had settled the issue with permitting in Reach 8. The next two lines were beach restoration construction and the mitigation that would be needed. Those were shown as green in color but based on previous discussion, he suggested that the color be changed to gold. It was the consensus of the board to change those items to gold.

Public Works Director Brazil continued that if you took the first two lines of permit and construction lines out further in the out years, the next successive re-nourishment is shown in gold. Again, based on conversations, he suggested that they may not be necessary, but could remain as a placeholder. Town Manager Elwell advised not to delete the item.

*Member Katz returned to the dais at 1:43p.m.*

Dune restoration was discussed next. That was already allocated for this year. Chair Ecclestone asked if it would stay in the column or be left blank (no color). After that, structures evaluations were discussed. Pursuing the structures in Reach 8 was also discussed. It was similar to the conversations that were had in Reach 7 concerning the feasibility study vs. actually doing the project. The first $500,000 is the feasibility study cost, and the Shore Board and the Town Council has agreed to that amount, and there has been a signed interlocal agreement and that project is underway. There was consensus among the board on those items.

Public Works Director Brazil added that the subsequent work for actually permitting the structures is different. The study will outline what is the most feasible way to proceed. The permitting, construction, and associated mitigation costs were for anticipated structures projects. They were shown in the gold color. Member Lindsay Buck felt they should remain gold. The rest of the Board was in agreement.

Member Goldstein asked why the critical beach erosion was listed last and felt it was of more importance and should be categorized differently. Public Works Director Brazil said he would place it first on the list and that was the consensus of the Board. Public Works Director Brazil asked if the board was comfortable with how it would be recommended to the Town Council.

There was also the required sea turtle monitoring, and biological monitoring, and are shown in green. Those needed to be done especially if dune work is to be done in that Reach. The first set of those fees are associated with doing a dune project. The out years, in 2011, would be associated with the work that was described in gold and should be gold. Member Lindsay Buck asked if it was only the sea turtle monitoring or all monitoring. She was informed that it was all monitoring.

Member Goldstein spoke to Mr. Goldberg in the audience and informed him that the structure study for the truncated area is staying in green, but the out years will be in gold because it is uncertain what the outcome of the structure study would be. Mr. Goldberg thanked him for the explanation.

Public Works Director Brazil indicated the next two items would change based on today's discussion. The subtotals are required, the inlet contingency, the Shore Board recommended and the Shore Board desired. Those are straight totals per year for those categories. Below that, that is where the projects get combined as they make a recommendation to the Town Council.

First, was the ten year minimum required items. That included the work that was discussed in red. Next, was the ten year inlet contingency item. The work, labeled in blue, is isolated from everything else. Then the Shore Board recommended plus required category was discussed.

If the work labeled in green were recommended to the Town Council, it would include the red work as well. The program that they would be recommending would be $91, 165,000. The last category were the gold items. The gold, by default, must include the recommended program and the required work and that is at a cost of $142 million dollars. He indicated that those numbers would change as the revisions are made that were discussed today.

Public Works Director Brazil wanted to clarify that the entire dredging program would be $55.8 million dollars. At most, the grant revenues from DEP for the incremental cost differences for either near shore placement or putting sand on the dry beach. That typical was what the town had been responsible for in the past. If the USACOE continues to dredge, and the Town pays the incremental cost difference, the liability would be about $6.2 million. Right now, there are matching funds from the State that are around $6 million dollars. If the USACOE abandons the Port of Palm Beach and the Town wanted to continue to dredge, there would be a liability of $55.8 million. Member Goldstein asked if that could have a better explanation or summary.

Town Manager Elwell explained that two things needed to be understood about the numbers: one was the large number and recurring item that was associated with it, are worst case scenario. The second thing was to clarify that the two $6.2 million dollar items mean and that was actual money that might be spent by the State and the Town even if the USACOE continues to dredge. He described scenarios past projects and what was paid for and by whom.

Chair Ecclestone wanted to move the structure construction over a column so that it matched Reach 7. Public Works Director Brazil responded that it would be difficult to move the item. He stated that the studies that would be involved, and the time involved in finishing the study, work through alternatives analysis, and then actually permit something down in Reach 8, would be unrealistic f the columns change. Compressing the projects by a year would be overly optimistic. He highlighted the difficulties and this project was in conjunction with the county and they are in control of the project. There are also anticipated objections from environmental groups.

Public Works Director Brazil said that the majority of Reach 8 is in good shape, except for the last few thousand feet. There is water hitting the sea walls and there is very near shore hard bottom. That is the worst place to try to get a permit and that is why the Town decided to partner with the County on the near shore breakwater project. North of that, there may be some dune projects with smaller amounts of fill and perhaps done more frequently.

Member Goldstein asked about the timing of the County project. Public Works Director Brazil Indicated that the County is just now beginning the EIS which is 1 ½ - 2 years long by itself. It would be very unlikely that any building would be started next year.

Member Hicks asked about how long the Singer Island project has taken and it has been approximately 5 years. Chair Ecclestone felt there should be a Reach 9 south of the Lake Worth Pier.

Member Lindsay Buck suggested perhaps grouping some of the Reaches together such as 7 and 8 because they have the same problems and perhaps they should be explained more in the narrative. Town Manager Elwell said Member Lindsay Buck's comments were on point. The difference between Reach 8 north of pier and the southernmost part of Reach 8 which is south of the pier is significant. Public Works Director Brazil offered to leave the gold items gold, including the $14 million beach nourishment. The Board has now obligated to the $150,000 in permitting and beach construction after that is now gold. If in 2012, there is another $1.1 million in dune work, and if the permit application process won't work out, then there would be the monies available for dune work.

After discussion, it was decided that those projects would be gold if funds were available, and then in 2014 and 2017, and 2011 would be green. There was consensus among the Board regarding that.

The discussion was concluded regarding the draft plan. The next step was for staff to take all of today's recommendations and compile them into a revised plan and present it at the next Shore Board Meeting to review it one more time. There would also be an explanation for the decreasing reliability of the numbers in the out years.

Chair Ecclestone wanted it noted that if there was a storm or other event, that those events could throw off the schedule and perhaps have an adaptive management disclosure in the narrative.

Member Hicks indicated that Council Member Kleid had asked for ranking a probability of permitting success column, and Public Works Director Brazil said that would be virtually impossible. There are no guarantees with any permit application.

Member Katz asked to round the numbers in the chart to the thousands. All Shore Board Members were in agreement.

Member Katz asked when Taylor Engineering would come back to the Shore Protection Board to present its Reach 7 report. Coastal Coordinator Weber indicated that the work could not be started until October 1, the start of the new fiscal year.

Chair Ecclestone asked who the environmentalists would be that would be invited. He cautioned that although the report would be public, the Shore Board should not be waving it around in front of everyone. Town Manager Elwell indicated that if the board wanted the Environmentalists opinion, they should be at the next meeting. The Shore Protection Board Members wanted all of the environmentalists to be asked to come to the next meeting.

Member Hicks suggested making the word "DRAFT" more prominent on the document until it has been finalized. Everyone was in agreement.

Member Goldstein asked about when the Town would be presented with the groin assessment report. He wondered if they should have the report before they proceed with the spreadsheet. Town Manager Elwell indicated that it really would not impact the report. Public Works Director Brazil indicated that the report was just underway.

Member Lindsay Buck suggested that they discuss the recommendations with some of the environmental groups to find out what they would support and what they would oppose, prior to submitting the report. She offered to either invite them into a meeting before November, or to speak with them herself with Council President Pro Tem Gail Coniglio. There were no objections from the other Board Members.

X. SHORE PROTECTION BOARD SCHEDULING OF FUTURE MEETINGS [Peter B. Elwell, Town Manager]

There will be another Shore Protection Board meeting October 7th, 2009 to review the plan once again. The regularly scheduled meeting would still be held October 22, 2009.

The November and December meeting dates needed to be changed due to the holiday schedule. It was decided that the Shore Protection Board would meet on December 4th, 2009.

Town Manager Elwell announced that the Shore Protection Board presentation to the Town Council would be November 10th, 2009 in the City of West Palm Beach Commission Chambers.

XI. U.S. ARMY CORPS OF ENGINEERS REGULATORY "ROAD SHOW" [Robert Weber, Coastal Coordinator]

Coastal Coordinator Weber attended the USACOE "Road Show" along with other Shore Board Members. There was a Question and Answer session with David Hobbie from the USACOE. One thing he noted was that there was a representative from a member of an environmental group called "Cry of the Water". The group mostly comments on Broward County projects, but is now showing concerns for our projects. A "new" group for the Town to pay attention to. They did have comments about their concerns about dune restoration projects. They are opposing some upland sources, such as Ortona sand. Public Works Director Brazil indicated that they are not sure how strong of a group they are, but if they oppose Ortona sand, which is currently the best sand you can get, there could be problems.

The Reach 7 Assessment could not begin until the next fiscal year, which begins October 1, 2009. Coastal Coordinator Weber announced to Member Katz that Tori White is now back with the Palm Beach Gardens office of USACE Regulatory Division, back from Atlanta. He expressed Member Katz' request to have her come speak on the Reach 7 project and she will coordinate her schedule with Mr. Weber for a future meeting date.

Coastal Coordinator Weber next discussed attending the upcoming FSBPA meeting. He noted that there will be a beach management workshop next month in Brevard County. He is planning on attending. The workshop is discuss the recommendations of beach management working group and the implementation by the FDEP. One implementation item is a cap of monitoring costs beyond the first year of beach projects.

Coastal Coordinator Weber also indicated that one of the main topics was offshore drilling. The state currently cost shares all beach projects within Florida through the same pool. If drilling is allowed off the west coast of Florida, that will limit the amount of sand available to use as borrow areas. As the price of projects escalate on the west coast of Florida, that will limit the amount of money available to the State to cost share on the east coast of Florida.

Informational Items:

XII. <u>MONTHLY SHORELINE CONDITION ASSESSMENT [Robert Weber, Coastal Coordinator]</u>

This item was not discussed and was for informational purposes only.

XIII. <u>ITEMS FOR FUTURE MEETINGS [Robert Weber, Coastal Coordinator]</u>

- Comprehensive Coastal Management Plan (CCMP)
- William Dally, Surfbreak Engineering Sciences
- Groin Assessment Modeling

- Critical Beach Erosion Designation In Reach 8

- Taxing District

- Jocelyn Karaszia, NOAA National Marine Fisheries Service, Reach 7 Discussion

XIV. ADJOURNMENT

There being no further business, the Shore Protection Board meeting of Friday, September 25, 2009 was adjourned at 2:23 p.m.

APPROVED:

E. Llwyd Ecclestone
Chairman