



TOWN OF PALM BEACH

Office of the Town Clerk

MEETING OF THE SHORE PROTECTION BOARD HELD ON JUNE 18, 1997

- I. **CALL TO ORDER:** The Shore Protection Board meeting was called to order at 1:30 p.m. on June 18, 1997, by Chairman Garrison D. Lickle.
- II. **ROLL CALL:** On roll call, the following Board Members were found to be in attendance: Garrison D. Lickle, George M. Moffett III, Eileen C. Curran, Wayne F. Dimm, Edward Hennessy, Jr., and Joel Martino. Charles Isiminger, Gerald Levy, and Richard Raffo were not in attendance. Also attending the meeting were: Palm Beach Town Council member Sam McLendon; Projects Engineer Ray Smith, Lake Worth; Commissioner Ernest Muro, South Palm Beach; and Engineering Assistant Bob Clinger, Palm Beach County Department of Environmental Resources Management. From the staff of the Town of Palm Beach: Town Manager Robert Doney; Assistant Town Manager Peter Elwell; Public Works Director Al Dusey; and Town Clerk Mary Pollitt attended the meeting.
- III. **APPROVAL OF AGENDA:** The agenda was approved as printed.
- IV. **STATUS REPORT ON UPDATE OF COMPREHENSIVE COASTAL MANAGEMENT PLAN--APPLIED TECHNOLOGY & MANAGEMENT:** Al Dusey, Director of Public Works, introduced Dave Decker and Mike Barnett from Applied Technology & Management (ATM). Mr. Dusey said this plan will be presented to the Mayor and Town Council at their July 8, 1997, meeting. After the review by the Mayor, Town Council, Shore Protection Board, and staff, the revised plan will be presented to the Town Council at the August 12, 1997, Town Council meeting. Mr. Dusey said a draft executive summary will be distributed to the members of the Shore Protection Board when it is submitted to the Mayor and Town Council members on July 3rd for the July 8th Town Council meeting.

Dave Decker provided an overview of the Comprehensive Coastal Management Plan update. Mr. Decker said ATM is collecting a large amount of data and, at the same time, developing

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some overall recommendations for the plan update. The plan is to reduce all of the data and develop the recommendations at the same time, as the Town had directed that this work be completed as quickly as possible. Mr. Decker said the plan was to include budget analyses with the recommendations.

Mike Barnett reviewed the process ATM has followed to update the Comprehensive Coastal Management Plan: acquisition of existing data, suveying of beach profiles, and reduction on newly and previously acquired data. Mr. Barnett referred to the data on the colored maps ATM has prepared showing the shoreline. These maps were divided into eleven "reach" areas.

Mr. Barnett reported that the GIS data from the Corps of Engineers' Coast of Florida Study has been turned over to the Florida Department of Environmental Protection, and this data will be included in the overlay map prepared in conjunction with this plan. Mr. Barnett noted that the downside of not receiving this information earlier was that the data was not available to determine the thickness of the sand off the Palm Beach coast line; however, core boring information was available for some areas (a total of five borings) and that data was incorporated on the maps. As soon as the data is available, it will be added to the mapping detail.

Mr. Barnett said that the scope of work for the update was divided into twelve areas or "tasks". Estimates for completion of each task were presented in percentages with some tasks having a higher priority than others.

Mr. Barnett said that the update to the sediment budget is approximately 90% complete. The data analysis has been run including the recent data supplied by Palm Beach County. Mr. Barnett said the numbers are very encouraging, although the numbers indicate the vast majority of the Island is erosional, as expected. He reported the digitized data from high quality aerial information provided by Palm Beach County from 1993 indicated the relative limits and finer details of the edges of the hardbottom boundaries. The quality of the hard bottom is largely unknown with the exceptions of the Breakers area and the Mid-Town Beach area. Some of the areas mentioned in the plan will need additional data collection and analysis to meet State requirements.

Mr. Barnett said that the sand source identification is approximately 75% complete, but this will not slow the progress of the project. Mr. Barnett reported the cost/benefit analysis is 75% completed. The data base has been modified to incorporate the reach boundaries, and the cost/benefit will be determined in each designated reach depending upon the recommendation for each shore segment.

Mr. Barnett said the implementation schedule will fall into place when the priorities for each

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particular reach are determined. This part of the plan is approximately 25% complete.

Mr. Barnett and the Board Members discussed the issue of public education regarding funding and other issues with emphasis on the storm protection benefits of the plan. The plan also has recreational benefits.

Mr. Barnett said AT M's preliminary recommendations based on the information acquired and analyzed to date on the reach designations, the erosion rates, and volumetric losses to the shoreline for the individual reach boundaries have been prioritized, and some priorities will run concurrently. Mr. Barnett and the Board members discussed the priorities of the plan.

Mr. Barnett said they have done some preliminary contouring of the off-shore line out to about the thirty-foot contour. Some of the data does not make sense in the area of the Breakers, and some false indications have shown up on the contour plots. This issue should be resolved in the next few days. Mr. Barnett noted that some engineering investigations may have to run concurrently with the implementation of the plans.

Mr. Barnett reported that the possibility exists that an additional source for sand may exist at the south end of the island--from the Ritz-Carlton south to the South Lake Worth Inlet. The costs and permit ability of moving that material to potential restoration sites will be evaluated.

After discussion on the beach profile, Mr. Barnett said that three to four feet drops are located approximately 500 feet off the Palm Beach shoreline in certain spots. The data indicated the drop-offs start just south of the Par 3 Golf Course and disappear north of the Lake Worth Pier. He stated the drop-offs were not indicated in the 1990 profiles but were present in the current data. The issue of the old right-of-way for A-1A was discussed, and Bob Clinger confirmed that the drop offs were not part of or caused by the old right-of-way. The right-of-way was located on top of the dune south of Sloan's Curve.

Mr. Clinger provided information regarding the dune restoration project planned for the Par 3 Golf Course area. Mr. Clinger reported that this project was submitted for State funding, and the State has questioned the viability of the project because of the stress the shoreline is receiving. Mr. Elwell explained that this is one of the projects the Governor vetoed for the current year, but that veto in no way reflected on the merits of the project. Governor Chiles vetoed the project because of the proposed funding source--the Hurricane Catastrophe Fund--not because of the merits of the project.

Mr. Barnett explained the details, as shown on the map, for Reach 11. Mr. Barnett said that the plan does not propose much action for that Reach. The Town of Manalapan, in agreement with the State, the Town of Ocean Ridge, and the County, has entered into a

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settlement agreement to allow the Town of Manalapan to take certain actions if the Inlet Management Plan does not properly treat that segment of shoreline, immediately north of the Inlet.

Mr. Barnett confirmed that the Town of Palm Beach would be in good shape if all of the identified projects were completed and maintained. The costs for the projects were in the process of being estimated, and the driving factor will be the cost of the sand based on availability. Mr. Barnett stated that the plan should be updated every ten years.

The Board Members discussed the possibility of organizing a group of the residents who live in the north end of the island to disseminate the information contained in the plan and to elicit support for proposed projects. Due to Florida's Government in the Sunshine Law, Mr. Lickle suggested he could act as a committee of "one" to inform north end residents who had expressed interest in shore protection and that this group could be invited to a Shore Protection Board meeting.

Mr. Decker said additional information will be available when this plan is presented to the Mayor and Town Council at the July 8, 1997, Town Council meeting.

V. UPDATE REGARDING PROPOSED NEWSLETTER ON COASTAL ACTIVITIES

Mr. Elwell reported that the Finance & Taxation Committee considered the Shore Protection Board's request for funding for a proposed newsletter. Other Boards and Committees have expressed similar interest in a specialized newsletter, and the Finance & Taxation Committee recommended that all Boards and Committees should be treated equally. The Town Council agreed with the Committee recommendation. The Council would like to hear the Shore Protection Board's specific proposal before consideration would be given to the idea of a newsletter. Mr. Elwell cautioned the Town Council members were not sure they liked the idea of newsletters that would address a specific subject area as opposed to a more general Town-wide type newsletter. Mr. Elwell summarized by reiterating Town Council President Smith's comments that a Board or Commission may address the Town Council to make a proposal at any time.

VI. CAPTIVA EROSION PREVENTION DISTRICT BEACH RENOURISHMENT VIDEO (17 MINUTES) FROM MS. ALISON HAGERUP, ADMINISTRATOR

The Board decided to defer the viewing of the Captiva video until the next meeting of the Shore Protection Board.

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VII. IDENTIFICATION OF TIME, LOCATION, AND ITEMS FOR CONSIDERATION AT THE NEXT SHORE PROTECTION BOARD MEETING

After discussion, the Shore Protection Board set the next meeting for Tuesday, July 29, 1997, at 1:30 p.m. at the South Fire-Rescue Station.

VIII. ANY OTHER MATTERS

Responding to an inquiry from Chairman Lickle, Mr. Dusey replied that a professional engineer will investigate Mr. Bresee's allegations regarding the specifications for boulders used for the Mid-Town project.

The Shore Board members discussed the issue of peer review for the update of the Comprehensive Coastal Management Plan. At the request of Chairman Lickle and with the agreement of the Board members, the issue of peer review will be added to the agenda for the July 29, 1997, Shore Protection Board meeting.

IX. ADJOURNMENT: The meeting was adjourned at 5:03 p.m.

SHORE PROTECTION BOARD



Garrison D. Lickle, Chairman

Prepared by:

Mary A. Pollitt
Town Clerk