



City of Naples

City Council Minutes

Workshop Meeting 04/29/87

City Council Chambers
735 Eighth Street South
Naples, Florida 33940

-SUBJECT-

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DISCUSSION OF BEACHES AND SHORES WITH A REPRESENTATIVE OF THE STATE BUREAU OF BEACHES AND SHORES .

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COUNCIL MEMBERS

MOTION

SECTION

YES

NO

ABSENT

studied and reestablished periodically to assure that construction will not influence the natural erosion processes.

In Collier County, it is anticipated that the control line proceedings will begin sometime this fall with public hearings to be held in the spring, Mr. Woodruff advised. Mayor Putzell asked how long it would take for the Department of Natural Resources (DNR) to reestablish the control line and if the City could assist in the endeavor. Mr. Woodruff explained that it would take anywhere from a couple weeks to months after the public hearing process before the report would be ready and the new control line established. During this time, he said, many coastal landowners will erect foundations for new structures which will be grandfathered in once the control line is moved landward.

Mayor Putzell asked if the City could enact an ordinance in anticipation of a reestablished control line which would prevent landowners from building foundations in the proposed restricted area. Mr. Woodruff responded that the department can establish an interim control line for counties which request it, although, this request would slow the process of establishing a permanent control line. He said that the City could either enact an ordinance setting an interim control line or it could adopt the standards in Section 16-33 of the Florida Administrative Code.

Mayor Putzell asked the City Manager to study the areas which will be affected by this new control zone for discussion in a Council workshop of how to protect what is left against grandfathering. All members of Council concurred.

Mr. Woodruff briefly explained the effects a structure such as a timber groin would have on the erosion process. While these structures may trap and build sand in certain areas, they steal sand from adjacent areas, he said.

Mr. Graver asked if DNR took beach replenishing efforts into consideration when determining new control lines and Mr. Woodruff explained that DNR considers each renourishment effort's effect on the beaches very carefully. A major hurricane has not been experienced in this area for 50 years, he said, but the area must be prepared to renourish the beaches when such a disaster finally occurs.

Mr. Woodruff pointed out the importance of vegetated dunes as protectors of the land from a major storm. These dunes prevent the tides from encroaching any farther landward, thereby destroying property and beach.

Referencing Dade County as a successful restoration project after a major storm, Mr. Woodruff, in response to Mr. Richardson, explained that the State, Federal and local governments all participate in the cost of restoration projects. Mr. Woodruff advised that although some of the beach material is recovere through the natural influx of the waves, the majority must be obtained elsewhere.

When renourishing the beaches, Mr. Woodruff said, the DNR looks at the native material and analyzes it to determine the sand grain and size. There are

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also other factors to consider, he pointed out, such as whether the sea turtles (an endangered species) can nest in the sand to lay their eggs; public access to the beach; and adequate parking, all of which are determining factors to receive grant monies from DNR.

In response to Mayor Putzell and Mr. Graver, DNR Representative Woodruff advised that the City currently has adequate public access to its beaches; however, if the population were to increase, those accesses may not be sufficient and advised that the City purchase any beachfront property which is available before such a situation arises. Mr. Woodruff noted, however, that a (state) Beach Access Advisory Committee is currently being formed with representatives from Department of Natural Resources (DNR), Department of Environmental Regulation (DER), Department of Community Affairs (DCA), and private interest groups.

Inlets are the major cause of erosion problems, Mr. Woodruff continued. These inlets were channeled out to provide navigable access to the Gulf, but they trap sand and help the erosion process.

Mr. Woodruff referenced a graph which delineated the amount of damage from a major storm seaward and landward of the control line. According to documented data, property damage seaward of the control line is more extensive than damage to property landward of the control line.

Retaining walls are prevalent in the State and are inadequately designed for their intended use; water which is trapped behind the wall will, however, weaken and eventually collapse it.

Mr. Woodruff showed slides of sand-build up caused by jetties but cautioned that sand build-up in one area may cause sand starvation in adjacent areas.

Mr. Crawford asked if it was feasible for the City to expect grant monies for their beach projects this year and Mr. Woodruff explained that the State Legislature is currently deciding the amount of money to be allocated for such projects. Mr. Woodruff pointed out however that although the City's projects currently rank 16th in the State for funding, they could be funded sooner as the other counties' projects may or may not be prepared to proceed when the funding is available.

Mayor Putzell asked what affect the City's passage of a local ordinance to demonstrate support for the projects would have on the grant monies ranking, Mr. Woodruff advised that the monies would go to the areas which are ready to proceed.

Mr. Richardson asked if the Collier County Beach Restoration Committee kept the DNR apprised of their activities and Mr. Woodruff advised that the Committee had presented their findings to DNR and, further, that DNR will review the reports and its findings with the County.

In response to Mayor Putzell, Mr. Woodruff advised that the City could ask for reimbursement from DNR for projects which they fund although he could not guarantee when the money would be reimbursed.

COUNCIL MEMBERS

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Mr. Bledsoe asked if DNR's beach plan would be handled on a county-wide or City basis and Mr. Woodruff advised that DNR has studied the state on a county-wide basis but, further, that the U. S. Army Corps of Engineers deals only with local sponsors.

In response to Mr. Graver, Mr. Woodruff reiterated that DNR cannot estimate how far on the list of projects it can guarantee funding; ten of the first 20 projects however do have access problems which would inhibit their chances for funding.

Mrs. Anderson-McDonald asked if Mr. Woodruff could give the City a list of steps to take which will increase its chances for funding.

Mr. Woodruff noted that the consultants studying the beaches are using 150 feet for the width of the beaches and are recommending that any areas where the beach is not that wide be renourished. A 150 foot wide beach offers storm protection and recreation for the public.

In response to Mayor Putzell who brought up the extension of Mr. John Donahue's jetty at Gordon Pass, Mr. Woodruff made no comment.

Mr. Woodruff however reiterated his statement that state money would be awarded to those projects which best benefit the general public's interest.

In response to another question posed by Mr. Graver, Mr. Woodruff confirmed that the entity requesting funding will be responsible for performing most of the work for the projects which receive the grant monies.

Mrs. Anderson-McDonald asked if the DNR would inform the City of how much sand would be required for a renourishment project and Mr. Woodruff advised that it would. She further asked where the sand would come from and Mr. Woodruff cited several areas in Naples such as Gordon Pass and several inlets in the area. He cautioned, however, that the sand must first be studied to determine if it is compatible with the native sand.

Natural Resources Manager Staiger asked Mr. Woodruff if DNR's Beach Management Plan references strategies such as: retreat; armoring; and restoration by periodic renourishment and what DNR's position regarding these strategies is. Mr. Woodruff pointed out that DNR's first priority is to repair the inlets which cause continual high erosion rates and, further, that the DNR will not waste taxpayers' money on areas which do not benefit the public.

In response to Mayor Putzell, Mr. Woodruff reiterated that the City's beach access currently is adequate, however, that can change with increased population. Mayor Putzell asked if the City contacted DNR in writing would it respond to their inquiries regarding beach access. Mr. Graver added that the City could provide DNR with a detailed map of the area outlining the accesses. Mr. Woodruff advised that DNR would respond in a timely fashion.

Mr. Bledsoe pointed out that the City's problem areas are Gordon and Doctors Passes. Mr. Woodruff

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said that the only solution is to place sand in those beach areas if recreation is the City's objective.

Mr. Woodruff advised that Vero Beach has the same beach problems, but they have implemented an ordinance which provided for perpetual dune maintenance.

Mayor Putzell and the Council thanked Mr. Woodruff for his time and insights.

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ADJOURN: 10:12 a.m.

EDWIN J. PUTZELL, JR., Mayor

JANET CASON
CITY CLERK

JODIE M. O'DRISCOLL
DEPUTY CLERK

These minutes of the Naples City Council were approved on _____



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INTERVIEW WITH CANDIDATES FOR PLANNING ADVISORY BOARD:

Dan Abercrombie

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