



*City of Naples*

CITY COUNCIL MINUTES

Workshop Meeting 10/15/90

City Council Chambers  
735 Eighth Street South  
Naples, Florida 33940

-SUBJECT-

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PRESENTATION BY CAMP, DRESSER & MCKEE, INC., WITH REFERENCE TO  
STORMWATER UTILITY.

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DISCUSSION OF PARKER BEACH RENOURISHMENT PROGRAM.

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DISCUSSION OF A POLICY REQUIRING SEWER CONNECTIONS WITHIN THE CITY'S  
SERVICE AREA.

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REVIEW OF ITEMS ON OCTOBER 17, 1990, REGULAR MEETING AGENDA.

8

City Council Chambers  
735 Eighth Street South  
Naples, Florida 33940



Time 9:00 a.m.

Date 10/15/90

Mayor Crawford called the meeting to order and presided:

ROLL CALL: Present: Alden R. Crawford, Jr.,  
Mayor

William E. Barnett  
R. Joseph Herms  
Paul W. Muenzer  
John M. Passidomo  
Fred L. Sullivan,  
Councilmen

Absent: Kim Anderson,  
Councilman

Also Present:

Franklin C. Jones, City Manager  
David W. Rynders, City Attorney  
Mark W. Wiltsie, Asst. City Manager  
Gerald L. Gronvold, City Engineer  
James L. Chaffee, Utilities Director  
Frank (Bill) Hanley, Finance Director  
Rand-Scott Coggan, Fire Chief  
Stewart K. Unangst, Purchasing Agent  
Jon C. Staiger, Natural Resources Mgr.  
John Cole, Chief Planner  
George Henderson, Sergeant-At-Arms  
Jodie O'Driscoll, Recording Secretary

C. Lodge McKee  
Nilo Friede, Camp, Dresser & McKee  
Mike Cullum, Camp, Dresser & McKee  
Dawn Powless, Camp, Dresser & McKee  
Daniel W. Brundage  
Reed Jarvi  
Charles Andrews  
W.W. Haardt  
Dan Spina  
Leonard Nix

Gina Binole, Naples Daily News

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Mayor Crawford convened this work session of  
Council at approximately 9:00 a.m., after

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Council's completion of candidate interviews for appointment to the Planning Advisory Board.

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ITEM 2

PRESENTATION BY CAMP, DRESSER & MCKEE,  
INC., WITH REFERENCE TO STORMWATER  
UTILITY.

City Manager Jones advised that the consultants were in attendance and ready to present their reports relative to the stormwater management program, "Phase I - Inventory" and "Utility Report."

Mr. Mike Cullum of Camp, Dresser & McKee, reviewed the "Phase I - Inventory" report in depth for Council's edification. He noted that the second phase of this study would provide for a master plan of the stormwater management program which has yet to be funded. Mr. Cullum advised that the consultants had reviewed existing data, which they found to be inadequate, and evaluated existing citizen complaint data base in their analysis.

There are many quick fixes available to the City relative to stormwater management, Mr. Cullum said. For example, when a road must be repaved, it can be designed in such a manner as to provide areas of water quality type treatment. Projects such as the proposed linear park on Goodlette-Frank Road could also be a source of water retention and catch basins.

Mr. Cullum then presented drawings of a proposed Bayfront park which could not only provide additional retention for water treatment, but also habitat for juvenile fish and aquatic vegetation. The proposed park could provide recreational amenities such as fishing and boat launching. Councilman Sullivan asked if the volume from a normal rainy season coupled with an unexpected storm could exceed the proposed park's capacity. Mr. Cullum explained that it could because the bermed park area was designed to provide the performance standard of one inch retention for

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water quality. The result would be that a certain percentage of the retained water would enter the Bay without being fully treated.

Councilman Herms asked the consultants to examine whether use of a much smaller area, but with deeper retainage, would be feasible. Mr. Cullum advised that he would have to review the data and report back to Council at a later date.

Mayor Crawford asked if this program would provide for a meaningful impact on the quality of the Bay itself, just upon action taken solely by the City. Mr. Nilo Priede of Camp, Dresser & McKee advised that there was no question this program would help restore the Bay.

In response to Mayor Crawford, Mr. Cullum further advised that it would be difficult to place lakes in the proposed linear park because of the State's regulatory criteria for such amenities. Lakes must be at least 100 feet in width to provide wind hatch in order to mix the system properly; otherwise, they can become a smelly hole, ripe for mosquito breeding.

Discussion then ensued as to the design of a "pop-up" basin and when such devices were helpful relative to the retention of water. Mr. Cullum sketched a typical "pop-up" basin for Council's edification. The normal elevation of such devices, he continued, is between three to six inches above the soil.

Referring then to Table 3-2 on Page 3-13 of the "Phase I - Inventory" report, Councilman Sullivan noted that under "v", there was a typographical error as the percentages totalled to 110%, not 100%.

Councilman Sullivan continued that the majority of lakes in need of maintenance cleaning were privately owned in the City of Naples. There might be some conflict relative to accessibility and ownership should the City implement a program whereby maintenance of the lakes would become mandatory, he said. Mr. Priede added that most lakes have a life of between 10 to 20 years before



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any maintenance dredging of sediments is necessary.

Councilman Muenzer referred to a storm drain which had not been noted on any of the maps at U.S. 41 and Davis Boulevard. This drain is in desperate need of repair, he pointed out. Natural Resources Manager Staiger advised that the Bay Management Organization (BMO) had identified that storm drain and have recommended when the Department of Transportation (DOT) renovates that intersection, it should also repair the storm drain. He further noted that the storm drain in question was part of the DOT drainage system.

Councilman Herms asked what the consultants believed the reduction of various pollutants would be after the entire stormwater management program was in place. Mr. Cullum estimated that if there were 3 parts per million of lead in the Bay, it could possibly be reduced to as much as 3 parts or 1 part per million.

Referring then to the recently closed horticultural landfill, Councilman Herms suggested that the City could provide a large catch basin at that site, five to six feet in depth, to be used as a dumping site for pumped runoff from other locations. Mr. Priede, however, pointed out that while this might be one way to provide additional treatment, there may be problems associated with capturing enough volume to deem this proposal economically feasible. In addition, Mr. Priede advised that there would be unknown factors associated with that landfill site as it was a former recipient of debris of all types.

Mr. Nilo Priede then reviewed the "Utility Report" in depth for Council's edification. He identified possible sources of revenue as well as estimating a cost of \$4.00 per month per household for the stormwater management program. Other communities around the State, he continued, implemented a very nominal fee for this service, and found that it was not adequate to fund their stormwater management needs. Mr. Priede urged the Council to enact a very simple ordinance which would

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accomplish their goals and needs relative to stormwater maintenance.

Referring to some problems other municipalities in the State have encountered, Mr. Priede advised that it was necessary for the City to educate its citizens and users of this project's importance. The proposed rate of \$4.00, he continued, was merely an estimate and would be finalized during Phase II of the study.

In response to Councilman Sullivan, Mr. Priede advised that Phase II would verify data obtained through the property appraisers office and also provide a fair and equitable mechanism by which commercial and other non-residential properties could be charged. This is a user fee, not a tax, he said.

City Manager Jones advised that Council was faced with the decision relative to funding Phase II of the study and moving forward with the stormwater management program. Mr. John Calise of Camp, Dresser & McKee estimated the cost of Phase II and the stormwater utility implementation to be \$400,000. During the first six months of implementation, he continued, the City would have a revenue source obtained from the users.

Referring then to the non-residential users, Councilman Herms estimated that it would cost an industrial user approximately \$90 to \$100 per acre for stormwater management. He then noted that Naples Community Hospital was required during their last PD (planned development) request to provide additional water retention over and above the Code requirements. It would be unfair, Mr. Herms continued, to charge them the full amount for stormwater management. Councilman Sullivan said that he believed there was a mechanism in the reports which allowed for some reduction of the user rate if additional stormwater retention could be proven.

Councilman Muenzer suggested that the City and County review their stormwater management programs during a joint session to ensure cooperation during the implementation of these programs.

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It was the consensus of Council to accept Phase I and proceed with Phase II of the stormwater management program.

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## ITEM 3

## DISCUSSION OF PARKER BEACH RENOURISHMENT PROGRAM.

City Manager Jones advised that the City Attorney and Natural Resources Manager had met with representatives from the State Department of Environmental Regulation (DER) and Department of Natural Resources (DNR) relative to permitting of the Parker Beach Renourishment Program. He then distributed a report comparing the conventional dredge and fill method of renourishment versus the Parker Sand Web system (a copy of which can be reviewed from the meeting packet in the Office of the City Clerk).

Natural Resources Manager Staiger explained that the DNR and DER have placed considerable stipulations on this experimental project which must be met prior to, during, and after the project has been completed. One such stipulation includes the removal of timber groins from the test site area, he noted. It would be unrealistic to expect the permits for this project could be obtained any sooner than February, Dr. Staiger estimated.

City Attorney Rynders further advised that there were other stipulations placed on the project such as DNR wanted funding in place to remove the project (equipment, etc.) from the beach in the event it deemed the project was unsafe or environmentally detrimental.

In response to Councilman Sullivan, City Manager Jones advised it has always been DNR's position that any structure along the beach, such as timber groins, pilings, and the like, must be removed prior to any renourishment effort. The City has had a policy wherein it removes such structures if



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they are in a dilapidated condition and pose a hazard.

Mayor Crawford suggested that the County and City could possibly look into the purchase of its own dredging equipment for beach renourishment. The cost for such equipment could be amortized through the various communities participating in its purchase.

City Attorney Rynders advised that he had met with Mr. Parker and his attorney relative to this project. Mr. Parker has expressed his dislike relative to a "cost plus" contract, Mr. Rynders explained. He further noted that Mr. Parker would prefer a stipulated sum contract instead.

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Council then took a brief recess so that the Mayor, members of Council, and the City Manager could participate in a service sponsored by the National Fire Society and the City of Naples Fire Department honoring those individuals who were killed or injured in the line of duty during the past year.

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Discussion once again ensued relative to Item 2, Parker Beach Renourishment Program.

Councilman Herms asked what the County's position was relative to use of Tourist Development Tax funds for beach maintenance. City Manager Jones advised that there was not much to report because of the pending litigation by area hoteliers against the County. However, he did advise that the County did not seem very receptive of interpreting the placement of sand on the beach as maintenance in nature.

It was the consensus of Council that additional information was needed relative to sources of funding and finalizing a contract with Mr. Parker for use of his sand web system; therefore, it would not address this matter again until its November 7, 1990, regular meeting.



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ITEM 4

DISCUSSION OF EXTENSION OF THE CITY'S  
EFFLUENT REUSE SYSTEM.

There was no discussion by Council relative to  
this item.

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ITEM 5

DISCUSSION OF A POLICY REQUIRING SEWER  
CONNECTIONS WITHIN THE CITY'S SERVICE  
AREA.

There was no discussion by Council relative to  
this item.

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ITEM 6

REVIEW OF ITEMS ON OCTOBER 17, 1990,  
REGULAR MEETING AGENDA.

There was no discussion by Council relative to  
this item.

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ADJOURN: 12:30 p.m.

ALDEN R. CRAWFORD, JR.,  
Mayor

Janet Cason  
City Clerk

Jodie O'Driscoll  
Recording Secretary

These minutes of the Naples City Council were  
approved on December 19, 1990