

CAPITAL IMPROVEMENT PROJECTS OVERSIGHT COMMITTEE
AMENDED MEETING MINUTES
February 1, 2010

NOTE: At the March 8, 2010 meeting of the CIP Oversight Committee, the Committee voted to approve the minutes with certain changes. The changes are reflected below in red type.

- The meeting was called to order at 5:38 p.m.
1. **Attendance – See Attendance Sheet attachment.**
Committee Chair, **Saul Gross**, began the meeting by welcoming Eleanor Carney to the Committee.
 2. **Review and Acceptance of Minutes**
MOTION: Acceptance of Minutes of the January 11, 2010 CIPOC Meeting
Changes were made to the minutes submitted in the printed agenda.
MOVED: (as Amended) S. Kilroy 2nd: E. Camargo
PASSED: Unanimous
Full audio and visual records of the meetings held in the Commission Chambers are available online on the City's website <http://web.miamibeachfl.gov/mbtv77/>
 3. **Public Comments**
No one came forward with items for Public Comments.
 4. **Discussion Items**
 - a. **Residential Irrigation Sub-Meters Process**
Procedures for obtaining a sub-meter for residential properties were included in the report in the agenda, but **Chair Saul Gross** was concerned that costs were not mentioned. The Public Works Department is working on developing a pamphlet for residents that will contain all the up-to-date information, including costs. This will be ready in time for construction to begin in the Bayshore neighborhood project (spring), which involves the relocation of water meters from the rear of properties to the right of way.

Dwight Kraai asked why the City would not allow the installation of a second meter directly to the water main, rather than to the first water meter. Fred Beckmann, Public Works Director, explained that the intent of the sub-meter was to measure water use that does not enter the sanitary sewer system. Mr. Kraai argued that the same thing could be accomplished with a second meter, not a sub-meter. Mr. Beckmann explained that this has been done in the past and the problem with that is that a cut has to be made into the main, whereas with a sub-meter, it is connected to the first meter only, avoiding the need for additional seals to cuts in the line.

The City maintains the calibration of the meters, which are inspected regularly. Public Works also answers complaints if residents suspect that there is a leak in the line, a mis-calibration, or to determine if the leak is inside the property.
 5. **Requested Reports**
 - a. **Status Report: Peak-flow Analysis Summary**
 - b. **Status Report: Wastewater Infiltration & Inflow**Both items 5a and 5b were presented by **Jason Johnson**, Senior Project Manager for CDM, the engineering consultant working with the City on the water and waste water system.

The sanitary sewer system is analyzed pump station by pump station. The performance of each station is determined based on how it performs in a two-year storm event. One question that was raised is whether aggressive lining of the system would prevent the need for an additional booster pump station. The City has lined 22% of the system, and could line the remaining 78% at a cost of \$36 million. This additional lining would not include the laterals to private property such as homes and restaurants. The lining of the entire system would *not* be cost-effective.

What has been called into question is the necessity of the Coast Guard Booster Pump Station. The study done by CDM analyzes the implications of either leaving the system as-is or adding the new Coast Guard Booster Pump Station. The system – including the ten years of upgrades – was designed to include the booster pump station. Hydraulic evaluation shows that the system currently functions under peak flow conditions, but the individual stations are not operating as efficiently as possible. The dependency of the booster pump station is now what is being taken into consideration.

March 8, 2010

MEETING MINUTES February 1, 2010 Capital Improvement Projects Oversight Committee Meeting

Page 2 of 6

Miami-Dade County Water and Sewer Department has also asked CDM to provide a risk-analysis and cost/benefit analysis study of the entire system and future considerations based on their plans for bringing the county-wide system into compliance. If the County only constructs Phase I of their plan, which is to replace the 36" force main to a deeper-placed 54" force main (under Government Cut and Fisher Island and on to Virginia Key), peak flow operation cannot continue indefinitely. Should the County construct Phase II of the plan, which includes a larger utility tunnel under Government Cut, the study shows that the booster pump would not be required. CDM recommends deferral of the Coast Guard Booster pump station in the short term, but to continue to evaluate the operation of the system as it relates to the connection with the County.

Dwight Kraai requested that the City of Miami Beach Public Works Department inquire with the County about replacing the existing 54" line.

Eleanor Carney asked what had happened to the twin forcemain option that the County had included in the original master plan. She recalled that the plan called for twin 54" lines and thought that the City's position was to request they be installed.

STAFF ACTION: Public Works is to provide the results of the CDM risk assessment and cost/benefit analysis to the Committee and Commission when the study is completed (approximately six months – target: September).

Dwight Kraai continues to ask for a number representing the percentage of total sewer I&I. Mr. Johnson explained that the I&I totals are derived by assessing the system basin by basin. Mr. Kraai wants a system wide percentage total. He said he has presented the City with his calculation, and has asked to be checked on that number. His complaint is that, to date, he has not been provided with that percentage.

c. Construction Update: South Pointe Ph II Neighborhood Improvement Project

Water Main testing occurred on the day of this meeting. After testing is complete, the contractor will flush the line, pull back tees, and conduct pressure tests and then will be ready to put down the first lift of asphalt. The procedures leading up to the asphalt pouring should take three to four weeks, weather permitting, and is expected to be completed by the end of February. According to the project schedule, the project is expected to be completed in November.

Approximately two miles of piping has been installed, as well as 21 gravity wells and 128 drainage structures. There have been approximately two thousand email communications between residents and the Public Information Officer, many flyers and notices have been distributed and meetings have been held in an effort to communicate as effectively as possible with residents and business owners. As requested, an evaluation of the community outreach efforts was conducted and found to be satisfactory, and the project team is making concerted efforts to improve.

d. Status Report: South Pointe Ph III/IV/V Neighborhood Improvement Project

This project is currently out to bid. Deadline for receipt of bids is February 16, but actual evaluations may be delayed as the documents are still in permitting.

Christina Cuervo asked for a run-down of the items that had been revised by Chen and Associates, the Engineer of Record for the project. Charlie Carreño, CIP Director, listed what he could by memory. It includes but is not limited to roadway reconstruction, additional water mains, and hot spot drainage areas that now require pump stations.

Reducing Alton Road below Fourth Street from 4 lanes to 2 lanes:

This item was proposed by the County and is not currently in the bid document, as the concept is still being evaluated. At this time it is unclear if this is to be added as a change order, included as an add-alternate item or rejected. Saul Gross commented that this issue was raised by residents in the area as a traffic calming measure.

New traffic signs, adjustments to the crosswalks and traffic signals have been incorporated into the

March 8, 2010

MEETING MINUTES February 1, 2010 Capital Improvement Projects Oversight Committee Meeting

Page 3 of 6

revised plans. On Fourth Street, for example, the crosswalk is being moved 50 feet south, and signals will be moved as well. All of this will be presented when the Community Pre-construction is held. As soon as that date is established, the CIPOC will be informed as well as the community.

During the conversation on new water lines, **Fred Karlton** said that coupons should be taken and evaluated in all neighborhoods. A short discussion of how the City established the prioritized lines followed. The priorities are to upgrade fire safety water lines first, followed by those that were badly tuberculated and last would be the lines identified as "P-3" lines, which did not meet the criteria for replacement. Since cost was always a consideration, in neighborhood right-of-way projects that did not include the water lines that were identified as priority lines, water main replacement was not included. Saul Gross pointed out that Bill Goldsmith, who worked with the team on revising the plans for the South Pointe Phase III/IV/V project, is in favor of replacing all water lines in any neighborhood where the street is being torn up. All of the water lines in the South Pointe Ph III/IV/V neighborhood will be replaced.

Rick Kendle suggested establishing a sub-committee to look at the policy pertaining to water main prioritizing. Saul Gross suggested that this be addressed through the Committee at regular meetings. He acknowledged that the Normandy Shores Neighborhood is one that did not get water main upgrades because the lines did not meet criteria, and now the City is looking into water main replacement before final asphalt is put down.

STAFF ACTION: Include in the next meeting agenda an analysis of the cost and bonding capacity of including non-priority water line replacement for the remaining seven neighborhoods to get improvements.

Stacy Kilroy asked how stormwater "hot spots" (areas within non-priority basins that experience flooding or significant standing water after normal rains) were identified. Carl Dixon replied that they were identified based on several methods including historical data, anecdotal information, site surveys, and documentation from EnviroWaste, the company that performs the storm drain clean-outs for the City.

6. **Old Business**

a. CIP Project Status Reports

Included in the agenda packet, but not discussed.

b. Construction Update Normandy Shores Neighborhood Improvement Project

February 1st, a coupon was cut in Normandy Shores. Two additional coupons were to be taken from two other locations in the neighborhood on the next two consecutive days. The photo from the first coupon was shown to the Committee. It showed a clean pipe cross section. The pipe that was cut was at least thirty years old.

Jorge Gomez, Assistant City Manager, noted that taking coupons is not the best or dispositive method of determining the validity of the line and that the City conducts other tests that are more reliable, such as pressure testing, flow analysis, soil analysis and complaint history. **Fred Beckmann**, Public Works Director, offered to present a GIS map and statistical information about the water lines at the next meeting.

STAFF ACTION: Include a printout of a GIS map showing the various water lines and their priority status and additional relevant statistical information, such as age and cost to replace, to the next CIPOC meeting. Also provide, if necessary, a live GIS presentation of the lines.

Fred Beckmann explained that couponing lines is not standard industry practice. Coupons were taken in areas like the Venetian neighborhood because they had performed hydraulic modeling, which indicated that there were some pressure problems. Then, soil testing was done, which showed some corrosion.

March 8, 2010

MEETING MINUTES February 1, 2010 Capital Improvement Projects Oversight Committee Meeting

Page 4 of 6

Additionally, the water is tested on a regular basis. Taking coupons, he also pointed out, creates weak points in the line, because the pipe has to be cut and then patched. Saul Gross asked why Public Works and CIP are continuing to take coupons even though they don't think it is the best technique for determining corrosion in the pipes. The answer is that the City was asked to do so by the Commission.

Following questioning from Fred Karlton, Fred Beckmann declared that the drinking water in Miami Beach is safe.

Eleanor Carney stated that couponing on the Venetian Islands was a valid form of testing because it proved that pipes were crumbling in places.

Street paving in Normandy Shores was scheduled to occur on January 27, 2010. The schedule would be three weeks of paving and striping, and a final completion date for the project of Mid-March. Currently, the project is on hold, because the City was asked to halt paving and perform coupon evaluation, delaying the project at least another month and a half.

The stormwater system is fully operational, but some outfalls are still plugged while work is being done. Wells have been re-developed and the City is addressing some complaints that neighbors placed with DERM. There are valley gutter repairs on-going. There are some problem areas identified with the curb and gutter component. The City was unable to come to an agreement on price with the current contractor for these repairs, but has issued a contract to another contractor for \$50,000 to do this work.

c. Status Report: Venetian Island Neighborhood Improvement Project

As of the last meeting, the City was advised that one of the contractors bidding for the Venetian Causeway project with the County is protesting, so the County has enacted the Cone of Silence on the project. Therefore, no information has been provided on the Causeway component. The City is still moving forward: Contract has been awarded; the team continues to finalize design and to move ahead with the water main interconnections.

Roberto Rodriguez, Capital Project Coordinator for the Venetian Island Neighborhood Improvement Project, said that 90% documents should be submitted by early March; 100% in April.

Greg Carney, (440 West Dilido Drive) Thanked Public Works for sub-meter information. He inquired about the City legal Department investigation to determine ownership of the "breezeway" parcels. A contract attorney has been hired and the City awaits their report. Causeway work: concern that the work on the causeway work will have on the overall construction budget.

Mr. Carney also expressed concern on behalf of the HOA board on the overall cost to the City for the Causeway project, wondering if it is affected by the County delay. \$994,000 of the City's project budget is allocated for the causeway work, which includes the water main connections. Staff clarified that this has always been part of the budget.

STAFF ACTION: Provide a timeline for the project with the status report.

d. Status Report: Sunset Islands I & II

Bill Goldsmith (1820 West 25th Street) discussed the project progress. The HOA has been involved in discussions with the homeowners about the phasing of the project, and have asked cooperation for use of some properties as staging areas, de-watering sites, etc. Mr. Goldsmith is interested in the utilization of a barge, rather than trucks to transport unsuitable material from the islands during construction. Mr. Goldsmith is still negotiating with the Public Works department on the installation of C-900 piping. The City has not adopted C-900 as a standard. PW asked the EOR to justify why the only alternative is plastic pipe. If the decision is made on the C-900 pipe, the City requires that it is installed at four feet

March 8, 2010

MEETING MINUTES February 1, 2010 Capital Improvement Projects Oversight Committee Meeting

Page 5 of 6

below the surface, rather than at three feet.

Neighbors have indicated that they do not want any change in traffic patterns, so that change will not be a component of the project. Mr. Goldsmith also stated for the record that he measured the street widths himself and has determined that there will not be significant change once the project is done.

Stacy Kilroy asked what potential issues are to be worked out with using a barge. Fred Beckmann answered that permits need to be issued and the barge operator must be licensed through the Coast Guard.

e. Status Report: Sunset Islands III & IV

There is still no result to report from the investigation on who has ownership of the guardhouse. The request for an additional \$400,000 to rebuild the guardhouse will be before the Finance and Citywide Projects Committee on February 18, 2010.

Mrs. E. Carney noted that Bill Goldsmith has spent a lot of money on out of pocket expenses such as testing, easements and consultants for the Sunset Islands and Venetian Islands neighborhoods which benefitted the City. Mrs. Carney indicated that the City should step forward and look at Mr. Goldsmith's total out of pocket expenses and evaluate the potential for paying Mr. Goldsmith for the services provided.

Mr. Gross inquired whether Ms. Carney was referring to reimbursement of Schwebke-Shiskin & Associates or out of pocket expenses. Ms. Carney affirmed that Schwebke-Shiskin & Associates should be compensated. Mr. Gross noted that he had a problem with this and that the City can be construed as avoiding the public bidding process and the Consultant's Competitive Negotiation Act (CCNA) by paying Mr. Goldsmith for selecting a vendor that he is comfortable with. Mr. Gross stated that the City cannot do that. Mr. Goldsmith also stated that he did not ask for anyone's backing as it relates to this matter.

f. Status Report Royal Palm Avenue and 44th Street Flooding Mitigation

Gus Lopez, Procurement Director, explained that the bid bond was returned, because Central Florida Construction submitted a 100% payment and performance bond, a fully-executed insurance certificate, and four sets of contract books. The contractor has indicated that they will perform according to the contract specifications. A second Notice To Proceed was issued as early as February 2, 2010, where the contractor would have to provide the City Engineer the plans for permitting. Once the permitting process is complete, the contractor can begin construction.

Jeff Gale, (4360 Royal Palm Avenue) asked how long the permitting process would take.

Fernando Vazquez, City Engineer, said that it would depend on the requirements from DERM. It could take approximately six – eight months before the contractor breaks ground.

g. Status Report: Palm & Hibiscus Island Undergrounding

Included in agenda packet but not discussed.

h. Status Report: Flamingo Neighborhood Improvement Project

There is a recommendation before the February 3, 2010 Commission Meeting to hire a consulting firm to begin the process of evaluating the neighborhood as part of the new stormwater master plan. This will take at least six to nine months. Work will not begin on the Flamingo neighborhood until 2011, which is what has been indicated on the timeline.

7. Staff Action Report

Included in agenda packet but not discussed.

8. Adjournment:

7:41p.m.

The next meeting of the Capital Improvement Projects Oversight Committee will be held at 5:30pm, Monday, February 8, 2010 in City Commission Chambers.

March 8, 2010

MEETING MINUTES February 1, 2010 Capital Improvement Projects Oversight Committee Meeting

Page 6 of 6

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