



**Minutes
Flood & Erosion Protection Committee
Thursday, January 19, 2012**

1. Roll Call: Charles: Y Jim Gardner: Y (New Council Rep)
Ric: Y Robin: Abs Stacy: Y Sue: Y
Cheryl (alt): Abs Chris (council alt.): Y
2. Approval of:
 - A. Minutes of October 18, 2011 Motion: Ric Murray
Second: Stacy Grimes
 - B. Approval of Consent Agenda Move 6A to & #2 Motion: Chris
Heid Second: Stacy Grimes
3. Public Hearings: None this month
4. Guest Speaker: None this month
5. **Reports on identified issues:**
 - A. Administers report: Greg Stewart See attached written report
 - B. Engineers report: Jack Knowles Map is half done. Jack talked about his meeting with Guy Meadows who did the 2001 Erosion Study. Guy thinks removing the sills is a good idea, should remove all. If doing test do a 2 yr test. FEP should Google Lake Forest, IL beach project. Jack will talk to USDA about his meeting with Guy to see if the loan can be used for this project. Jack states that the city should cut off the metal loops that stick up if it will be 2 years before we can fix the sills. Jack has not done any work on the dredging project as he has not gotten the go ahead from Greg. Jack states he gave Greg a price of \$50K to \$150K to fix the separation of pipe where it goes into the manhole on Allen's Cove Rd.

- C. Vice Chair Report: Chris Heid
- D. Secretary Report: None
- E. Venice Canal sub committee report: No longer have this sub committee
- F. Chair Report: Sue Lopes

6. Old Business:

- A. Planning & Action Plans need to be developed and marketed to Council; show urgency, need, history and engineering. Discuss Draft develop a template. **Moved to Section 7, #2**
- B. Council has discussed asking the FEP members to investigate all easement agreements; the 25 year agreement with the Corp and options; review and suggest criteria for a new ordinance based on the USCOE inspection list. Greg provided copies of a blank inspection list for FEP members a few meetings ago. **Committee agreed that they should draft and have attorney review. This is Sue's project and she will be doing this.**
- C. \$20K for priority projects: spent approx. \$2200 on map. **Chris will report on this next month.**

7. New Business

1. Treasurer position? **Discussed and will add this position to get a monthly report. Chris is willing to do this.**
2. "Test - remove sills" project: **We discussed this project and were it is in our priorities: #3 but need to work on it now to have ready for Fall removal. Wave deflectors, also known as jetties were discussed. Stacy indicated that if we can try moving the sills that are removed on the test basis to the dike wall and angle out based on an engineer's determination of the wave action that we could possibly collect sand the natural wave it was intended. These removed sills would sit only 2 feet about the ground and would be filled with sand. These sills would not extend past the prior sills area. The test areas would have some rip rap and some without to see if the rip rap would help retain the sand as a protection and support of the dike wall.**

We had 2 guests who could assist with this project: Terry Nelson and Adam Younglove. Terry advised that about 80% of the sills will come out whole and it should not cost more than \$20K, and take about 2 weeks but he will put a quote together when we are ready. Best time to do this is Fall when water is lower.

Adam was a guest of and introduced by Charles Gardner. Adam is a marine contractor and did Estrada Beach for beach nourishment and has done hydraulic dredging the north side of Monroe County.

We determined that sills would be removed in 3 locations along Harold Dr. (approx. 20 sills per location) and one area at Allen's Cove. We would like to try wave deflectors, but Jack was opposed to this idea. More research is needed.

3. Should we ask City to rake sand in Meters Bend to the North like is done at the South end? Only if there are rocks or rip rap to hold the sand.
4. Wave Action Report– Stacy gave us info he gathered from the 2001 Erosion Survey and the need to move sills at an engineered angle based on the wave action, to collect sand like they have done at the Toledo Beach Marina area. His research shows that by removing the sills and placing them roughly half way down they will serve as move support for the dike wall and should collect sand to begin to build up on the wall for further support. When LP gets a normal West wind no sand will collect on the shoreline. A South East wind will create sand deposits on the North side of the harbor. We have a serious problem with Allen's cove. The aerial picture of 1974 shows no breach at the end of AC and a small sand bar, unlike what we see today.

8. Community Input: Meeting open to the public.
(Limit comments to 2 minutes per person).

None

9. Committee Action Needed:
 - A. Elect Officers: Chair, Vice, Secretary, Treasurer Motion by Stacy Grimes, Second by Sue Lopes for Ric Murray as Chairman.
Motion by Ric Murray, Second by Sue Lopes for Stacy Grimes as Vice Chairman; Motion by Stacy, Second by Ric for Sue Lopes as

Secretary; Motion by Ric, Second by Stacy for Chris Heid for Treasurer.

- B. Workshop to review progress since last workshop – Selected Feb 4, 2012 at 10 am at City Chambers
- C.

10. Committee Input

11. Future Meeting Dates: Posted on City Web Site Calendar. Next meeting Tuesday Feb 21, 2012; 7 PM.

12. Meeting Adjourned: Time 9.10 pm