

SOUTH GULF COVE WATERWAY BENEFIT UNIT ADVISORY COMMITTEE
October 16, 2013 – Regular Meeting
10:00 a.m. – Building Construction Services Conference Room

Attendees: Ron Bick, Clarence Brosmer, Joe Giraldi, Tom Ireland, Richard Redican and Ralph Young

County: Chuck Mopps, Judith Nothdurft and Sandy Wright

Guests: Sign-in sheet attached

The meeting was called to order at 10:05 a.m. A roll call of members established a quorum is present.

The minutes from September 11, 2013 were unanimously approved as written.

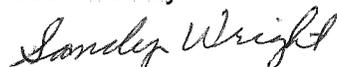
Old Business:

- Lock Maintenance Funding – Mr. Harrod from the West Charlotte Stormwater Utility MSBU (WCSU) and Mr. Bick the chair of this Committee gave a presentation (attached to these notes) that will be given at the next WCSU meeting that will request funding from the WCSU to help with lock maintenance. This presentation will provide the members on the WCSU with more knowledge of the lock system. After the presentation was complete there was extensive discussion regarding the locks, their maintenance and responsibilities. The Committee agreed to request funding however; they want to remain the decision makers over the maintenance. Ms. Nothdurft conveyed that the Engineering Department stated that the majority of funding for lock maintenance should come from the South Gulf Cove Waterway Unit rather than the WCSU, since the maintenance cost of a boat lock is much more expensive than the maintenance of a storm water structure. The original amount of WCSU funding for the lock recommended in 2008 was \$5000. Mr. Redican made a motion to request that West Charlotte Stormwater Utility Unit include \$30,000 in their current year budget and annually thereafter to help fund the South Gulf Cove lock maintenance; motion was seconded by Mr. Ireland and passed unanimously.
- EHM Inspection and Recommendation Report – Maintenance and Operations (M&O) have received recommendations on paint, hoses and stainless steel fittings to be used to make minor repairs to the locks. A marine contractor will have to be hired to replace the fender boards. M&O will attempt to do as much of the work as possible. FPL found a faulty lightning arrestor which could cause interference that could be part of the problems currently being experience with the locks. After the FPL work is complete, Mr. Slade asked to meet and retest the locks.
- There was discussion regarding the motion from the last meeting to find a local contractor for lock maintenance. Mr. Slade stated he passed on the information on; he will follow up for a status and report back.
- Aquatic Weed Control – The Committee reported water lettuce. Ms. Nothdurft will forward the information to Mr. Hunter.

The next regular meeting has been scheduled for Thursday, December 5, 2013 at 10:00 a.m. in the San Casa Conference Room.

The meeting was adjourned at 11:01 a.m.

Submitted by:



Sandy Wright
Public Works Department

**CHARLOTTE COUNTY
PUBLIC WORKS DIVISION
SOUTH GULF COVE WATERWAY ADVISORY COMMITTEE
ATTENDANCE ROSTER**

MEETING DATE: Wednesday, October 16, 2013

MEETING TIME: 10:00 A.M. – Building Construction Services Conference Room

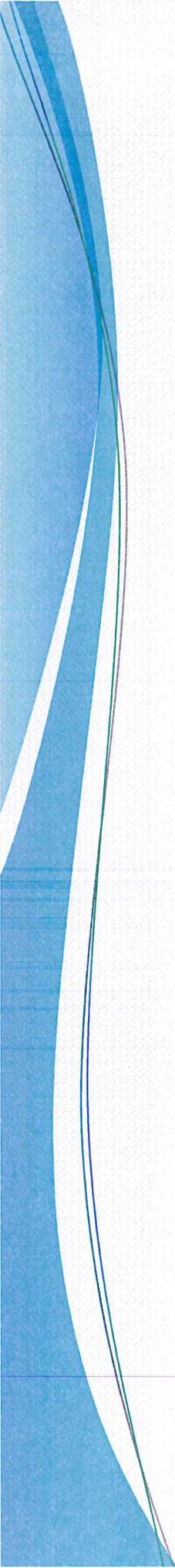
**INFORMATION SUPPLIED ON THIS FORM BECOMES
PUBLIC RECORD**

NAME (please print)	Email Address	Telephone Number
Judy Nothdurft, MSDR	Judith.Nothdurft@charlottefl.com	575-3656
Sandy Wright, Admin	Sandra.Wright@charlottefl.com	575-3692
Tom IRELAND	IRELANDtom2@gmail.com	286-8547
Clarence Brosmer	cbrsmer@centurylink.net	698-1074
Rich REDICANI	—	—
JOE GIARDI	—	—
Ron Bick	—	—
Ralph Young	—	—

South Gulf Cove Storm Water Canal System

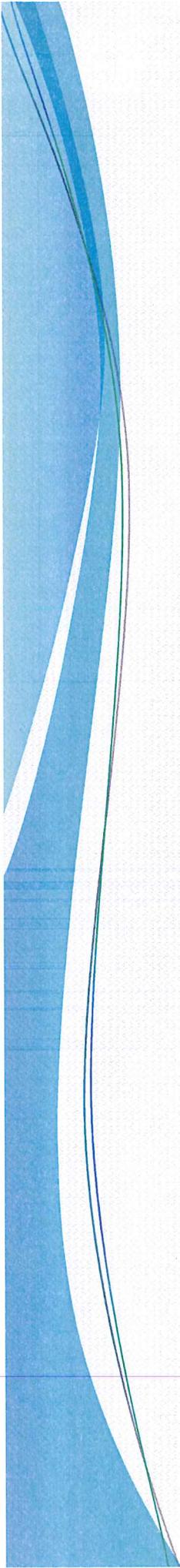
South Gulf Cove's canals and lagoon are a designed stormwater retention system.

The design intent, to provide relief from flooding due to rapid stormwater accumulation and mitigate the adverse impact of storm flows on Charlotte Harbor has proven to be sound



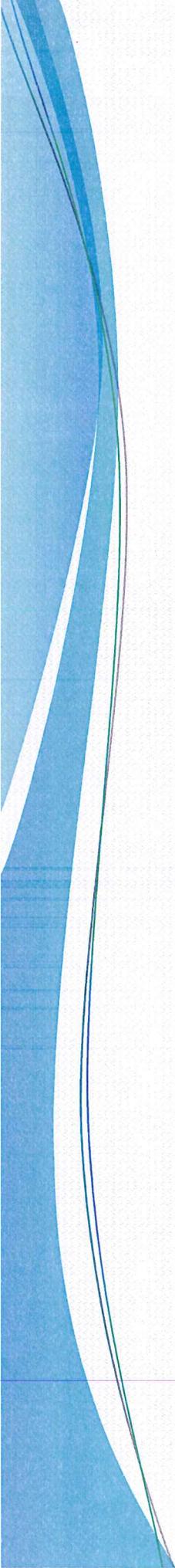
Stormwater Sources

- South Gulf Cove Canal System receives Stormwater runoff from a substantial portion of the West County Stormwater District via the Butterford Waterway including the Publix Shopping Center, Newgate Waterway, Englewood East and CR771



The South Gulf Cove Lock

- The Canal Lock is a critical element of the system design
- The Lock is designated a Stormwater control device by Florida Department of Environmental Protection
- And has been recognized as such by BCC



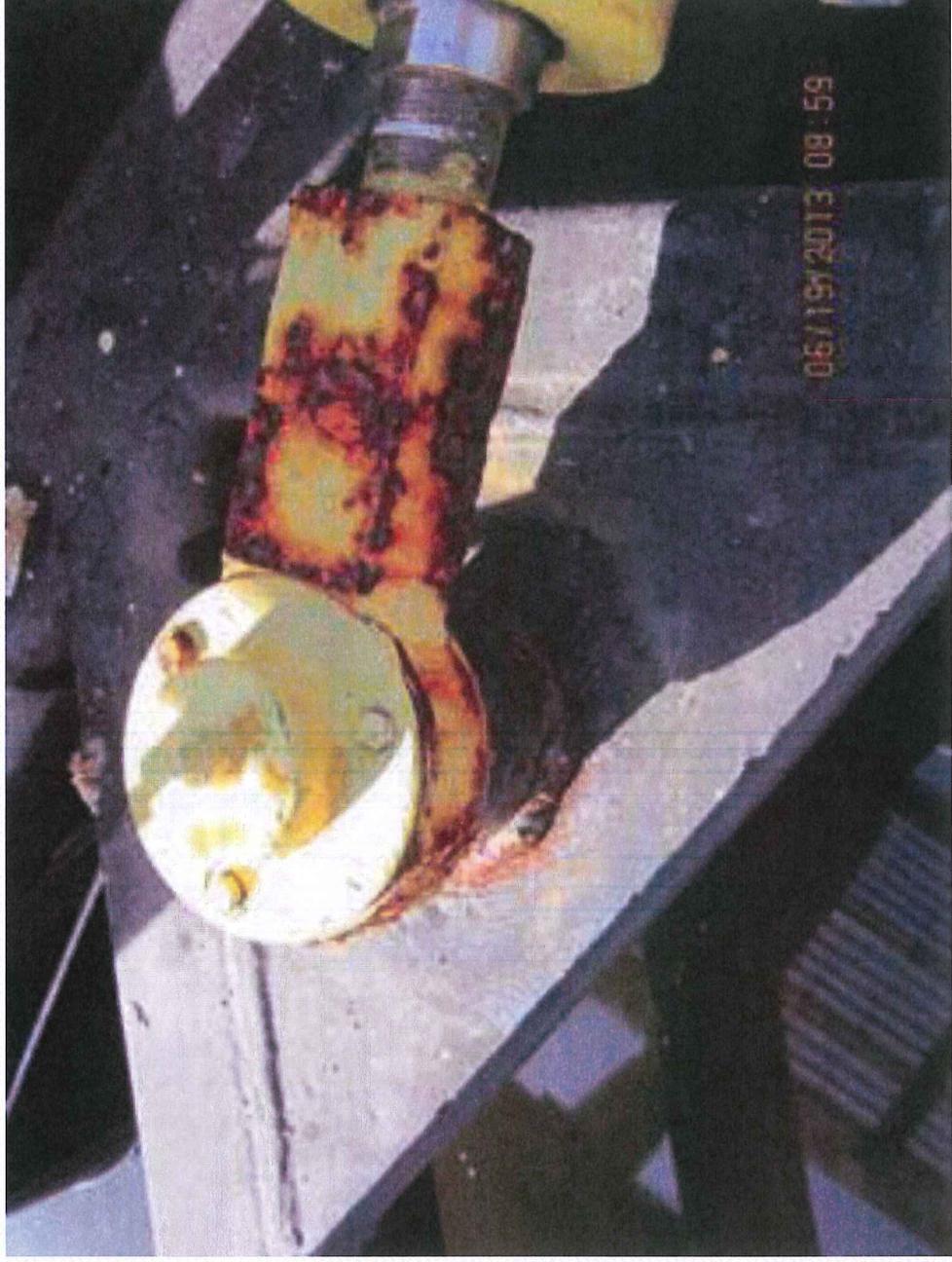
Maintenance Resources

- Precedent exists for West Charlotte Stormwater Utility support of the South Gulf Cove Lock dating from Fiscal Year 2005
- Annual Lock Maintenance expenditures have increased over the years and now exceed \$30,000
- A June 2013 inspection report completed by Electro Hydraulic Machinery Corp (EHM) of Pembroke Park, FL highlighted a number of items needing attention. Repair costs are estimated at approximately \$30,000

From Lock Inspection: Cylinder bodies and attachment pieces are badly rusted . They need to be properly repainted.



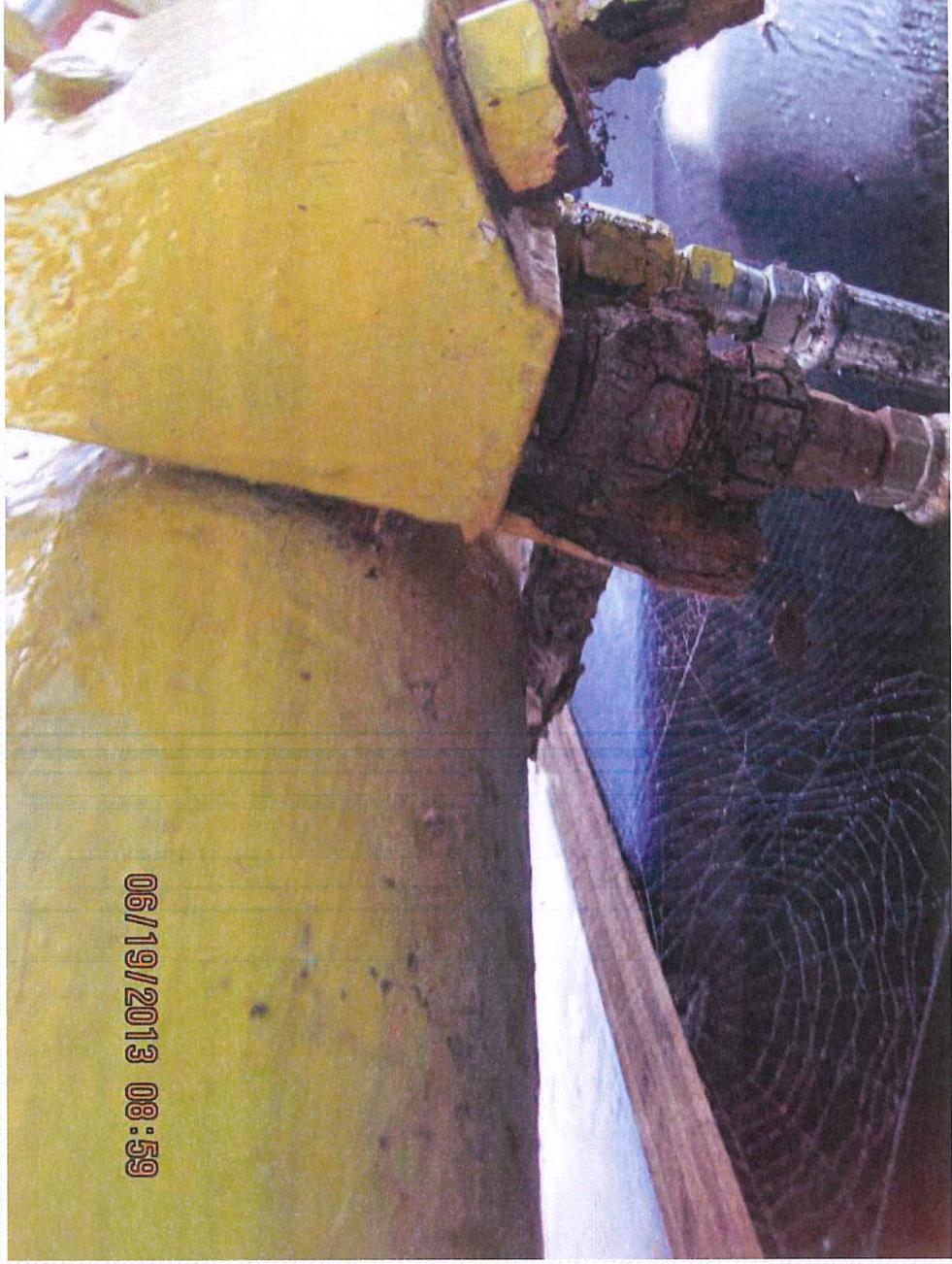
More maintenance work



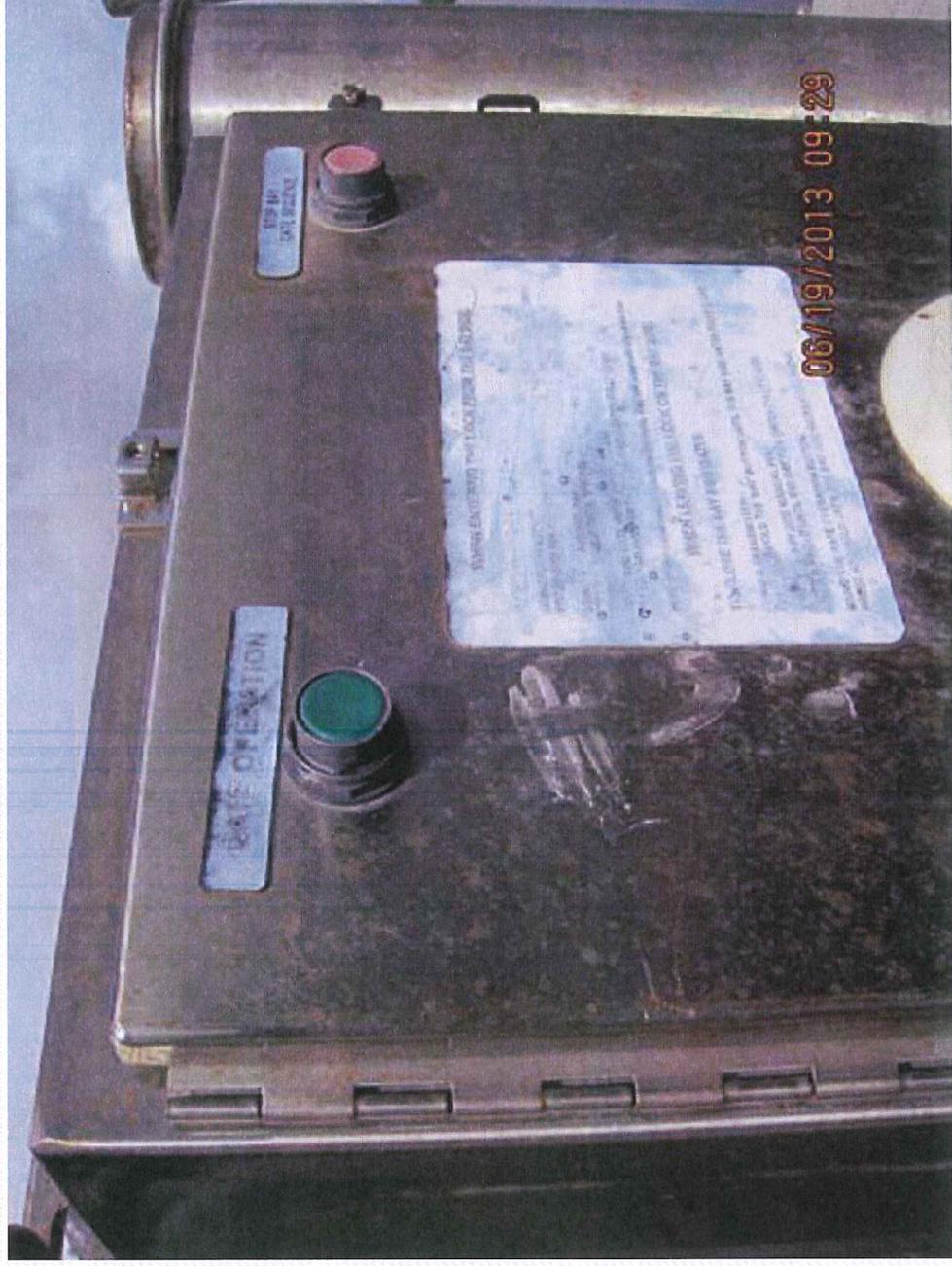
Cylinder manifold valves are badly rusted. They all need to be replaced



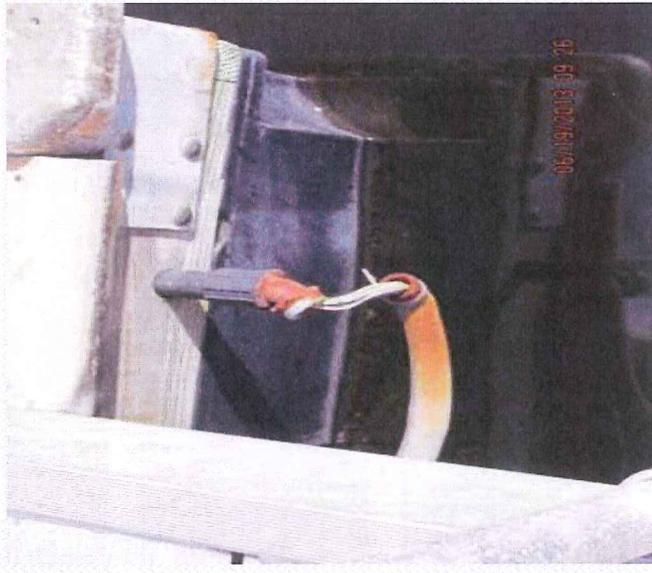
Hydraulic hoses need to be replaced with new hoses better suited for the service. Eight new 4ft hose assemblies with stainless steel ends and stainless steel adapters are \$249.05 each.



Manual control cabinets' instruction plates are badly weathered and unreadable. Updated signs are needed to better explain lock operation.

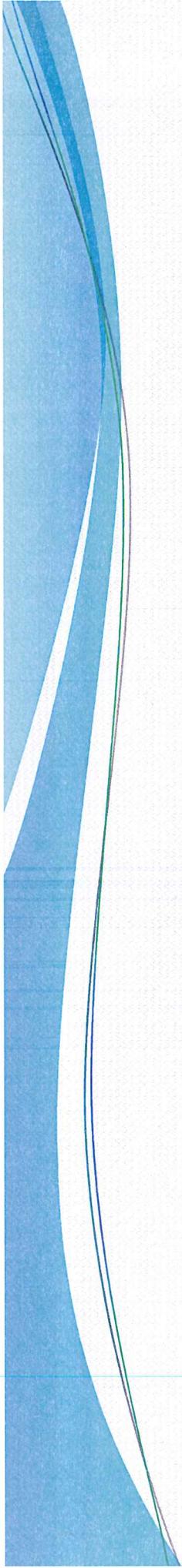


Numerous electrical repairs are needed for safety and lock reliability purposes.



In addition to the lock maintenance, the channel from the Myakka River to the lock requires dredging and the addition of a turning basin is needed to more safely approach entry to the lock. Estimated costs are approximately \$250,000.





Support Request

- Support for the current Lock Maintenance Program as outlined in the June 2013 EHM Corp Lock Inspection in the amount of \$30,000.00 is respectfully requested from the West County Stormwater MSBU Unit in the 2013-2014 budget.
- In addition a like amount for ongoing annual lock maintenance is requested in subsequent year's budgets.