



TO: Honorable Mayor & Members
Fort Lauderdale City Commission

FROM: Lee Feldman, City Manager

DATE: October 16, 2012

TITLE: Motion authorizing repayment of funds in the amount of \$144,398.52 to the Riviera Isles Homeowner's Association for the Tidal Flooding Pilot Project

Recommendation

It is recommended that the City Commission approve a motion authorizing repayment of funds in the amount of \$144,398.52 to the Riviera Isles Homeowner's Association utilizing pre-programmed Stormwater funds for FY 2012/2013.

Background

On December 21, 2010, The Riviera Isles Homeowners Association (HOA) and the City entered into a pilot program to install seventeen (17) Tideflex inline checkmate valves (division of Red Valve, Inc.) on the outfalls throughout the Riviera Isles community.

Under the agreement, the HOA paid for most of the cost of installation of these valves with the understanding that if the valves were successful in preventing the tidal water from reaching the road from the canals, the City would reimburse them. In turn, the HOA agreed to accept the cost of any valve that failed. Under the agreement, the reimbursement is scheduled for FY 2014.

After initial installation and consequent adjustments, fine tuning, and reinstallation of some defective valves, on June 16, 2011 and August 4, 2011, City staff inspected the final installation and concluded that sixteen (16) of the valves performed successfully (no canal water in the road at high tide) and one (1) showed signs of failure (some canal water in the road at high tide). Staff contacted the valve manufacturer to replace the failed valve. The valve was replaced and it is working properly now.

Based on all the inspections performed during the past year, staff concludes that the seventeen (17) valves installed as a pilot program in Riviera Isles neighborhood have performed successfully. Furthermore, staff supports the inline checkmate valve manufactured by TideFlex, and its effectiveness in preventing tidal flooding in low lying areas of the City conditioned on regular maintenance. Staff will continue observation of these valves for their long-term effectiveness.

Although the agreement allows repayment to the Riviera Isles Homeowner’s Association by FY 2014, staff recommends repaying \$144,398.52 now by utilizing the programmed Stormwater funds for FY 12/13.

As of September 30, 2012, the City has accrued \$4,395.52 in interest. Paying early will save City from accumulating additional interest charges.

Resource Impact

There is a fiscal impact to the City in the estimated amount of \$1,200 per year, per valve for maintaining these valves.

AVAILABLE						
FUND	FUND NAME	G/L ACCOUNT	G/L NAME	SUBSIDIARY	SUBSIDIARY NAME	BALANCE
470-01	Stormwater - Operations	229	Other Current Liabilities	000035	Riviera Isles Loan	\$144,398.52
TOTAL						\$144,398.52

Attachment

Exhibit 1- Pilot Cost Sharing Program Agreement

Exhibit 2 – Amendment to Agreement

Prepared By: Mehrdad “Mike” Fayyaz, P.E., Assistant City Engineer

Department Director: Albert J. Carbon, P.E.