

MEMORANDUM

TO: Governing Board Members

FROM: Deena Reppen, Deputy Executive Director, Regulatory and Public Affairs

DATE: October 14, 2010

SUBJECT: Collier County - Stormwater Improvement Projects FY11 - Contract No. 4600002213

Background: This contract includes two projects: Project 1 is a portion of the Lely Area Stormwater Improvement Projects, known as LASIP that is part of the Naples Bay Initiative, and Project 2 in the Northern Golden Gate Estates area that will provide evaluation of the watershed to restore natural flowways.

Project 1 will provide a comprehensive stormwater outfall system for the LASIP- Northwest Royal Wood – Whitaker Rd. Drainage Improvements in East Naples, which experiences a high level of drainage related problems due to growth in the area. The drainage area of LASIP consists of about 11,135 acres with two sub-basins known as Lely Canal Basin and Lely Manor Basin, that discharge into the estuarine coastal zone of Dollar Bay, Sandhill Bay and eventually Rookery Bay.

The purpose of Project 2 is to determine the feasibility of reconnecting natural flowways to provide stormwater treatment, flood protection, water quality treatment, and habitat restoration for the Northern Golden Gate Estates Area. Phase I of the project was completed in 2008. It has provided insight for potential flood protection, as well as habitat restoration and water quality enhancement. Phase II of the project will focus on a holistic watershed evaluation. The evaluation in Phase II will also produce a hydrodynamic model to facilitate the decision-making process of the stakeholders. In addition, strategic initiatives will be defined and further alternatives will be provided to quantify the restorative improvements.

How this helps meet the District's 10-year Strategic Plan: Construction of stormwater management system improvements meets the District's 10-Year Strategic Plan to restore watersheds and estuaries through local initiatives and to decrease flood damages through proactive flood management planning.

Funding Source: The total estimated cost of the projects for FY11 is \$2,300,000, of which the District's contribution is not to exceed \$775,000, for which dedicated funds (Big Cypress Basin) are budgeted for FY11.

This Board item impacts what areas of the District, both resource areas and geography: The project benefits the water resources of the Naples Bay (Dollar Bay, Sandhill Bay and eventually Rookery Bay).

What concerns could this Board item raise? The Board may be concerned about the County's ability to complete this contract within the fiscal year. Individual projects were identified, scoped and budgeted to fit within the coming fiscal year. The Big Cypress Basin staff is confident that these projects will be completed within FY11.

Why should the Governing Board approve this item? Approval of this contract will ensure that Collier County will have the funding resources needed to construct stormwater improvements in FY11 to improve the function of the drainage system. The item was reviewed and recommended for approval by the Big Cypress Basin Board on August 27, 2010.

If you have any questions, please do not hesitate to call me at ext. 6232.