

## MEMORANDUM

**TO:** Governing Board Members

**FROM:** Ernie Barnett, Director - Office of Policy and Legislation

**DATE:** December 11, 2006

**SUBJECT:** Village of Palmetto Bay Sub-Basin # 5 Drainage Improvement Project - Contract #4600000545

**Background:** The objective of the Project is to improve stormwater drainage within Sub-Basin #5 of the Village of Palmetto Bay by providing an upgraded drainage and treatment system. The Project will provide for improved flood protection while maximizing water quality treatment of storm runoff prior to discharge through typical treatment methods and best cost effective available technologies. Drainage sub-basin #5 is approximately 60 acres, and is bounded by SW 148<sup>th</sup> Street to the north, SW 152<sup>nd</sup> Street to the south, SW 148<sup>th</sup> Drive to the west and SW 80<sup>th</sup> Avenue to the east. This project will consist of 1) modifications/upgrades to existing catch basins, such as providing sediment traps and pollution retardant baffles to protect the existing exfiltration trench and canal outfalls, and 2) the construction of additional catch basins and an exfiltration trench at low points in the roadway swales of the sub-basin and connection to drainage wells. New facilities will cover approximately 13,100 linear feet of roadway.

**How this helps meet the District's 10-Year Strategic Plan:** This item will help achieve the District's mission to mitigate flooding and improve water quality, and falls within the Coastal Watersheds element of the Strategic Plan.

**Funding Source:** The project is estimated to cost \$500,000. The District's cost for this project is \$375,000, with \$125,000 in FY07 Ad Valorem funds that are expected to be expended in FY2007 and \$250,000 of 2006/2007 Legislature General Appropriation Act funds from the Florida Department of Environmental Protection (FDEP) through Special Appropriation 1821, which is expected to be expended in FY2008.

**This Board item impacts what areas of the District, both resource areas and geography:** This contract is administered by the Miami-Dade Regional Service Center and implements the strategies of the Coastal Watershed Program. The Village of Palmetto Bay is located in southeastern Miami-Dade County, adjacent to Biscayne Bay.

**What concerns could this Board item raise?** Failure to approve this item will result in the Village being unable to complete this effort. Additionally, the Village could request assistance in the future in order to conduct similar work in other sub-basins. The District will continue to work with local governments to identify state legislative funding for the implementation of flood mitigation and water quality improvement projects.

**Why should the Governing Board approve this item?** Approval will ensure the Village's project will be implemented in a timely manner, and will meet the Coastal Watersheds Program goals of mitigating flooding and improving water quality.

If you have any questions, please do not hesitate to call me at ext. 2110.

EB/ems

Attachment - Resolution