

MEMORANDUM

TO: Governing Board Members

FROM: Kenneth G. Ammon, P.E., Deputy Executive Director,
Everglades Restoration and Capital Projects Resource Area

DATE: April 14, 2011

SUBJECT: Two-year Local Government Agreement with Miami-Dade County for
Water Control Structure in Florida City Canal - Contract Number
4600002341

Background: The Florida City Canal (FCC) in south Miami-Dade County is a County owned canal which connects to the District's L-31E and C-103 canal system. The FCC conveys stormwater and drainage from the Homestead area to Biscayne Bay via the District's water control structure S20F and, to a lesser degree, south into the Model Lands Basin through a series of five degraded County culverts. Miami-Dade County seeks to make improvements to the canal in order to enhance the hydrology of environmentally endangered lands adjacent to the canal. The County seeks to construct a water control structure in the eastern reach of the FCC and to make improvements to five existing culverts.

Miami-Dade County will plan, design, permit, construct, operate, own and maintain the proposed water control structure and enhanced culverts. The County seeks SFWMD funding assistance for the proposed water control structure to help expedite this portion of the project. The total project includes one intermediate structure and five inverted siphons (culverts) for a total project cost of \$1,022,000. Miami-Dade County is paying 66% of the total project cost and the SFWMD is contributing 34% toward their project.

How this helps meet the District's 10-Year Strategic Plan: Miami-Dade County has advised the District that this water control structure in the Florida City Canal will improve surface and groundwater storage in the Model Lands Basin near Biscayne National Park, consistent with CERP objectives associated with the Biscayne Bay Coastal Wetlands project.

Funding Source: Approval of this agreement authorizes a budget transfer in the amount of \$120,000 of CERP ad valorem funds and/or dedicated funds (Save Our Everglades Trust Fund) from District Reserves to the Florida City Canal Project, Project Coordination Division, Everglades Restoration and Capital Projects in FY11. The remaining amount is subject to future Governing Board approval of \$30,000 in FY12 and \$200,000 in FY13.

This Board item impacts what areas of the District, both resource areas and geography: This agreement will be managed within the Everglades Restoration and Capital Projects Resource Area's Project Coordination Division. The geographic area affected by this item is southeastern Miami-Dade County.

What concerns could this Board item raise?

There are concerns any time funds are provided to another governmental entity in that the District is not involved in the plans, designs, construction, maintenance and operation of the proposed water control structure. However, the water control structure and improvements to the five existing culverts appear to be consistent with the objectives of the Biscayne Bay Coastal Wetlands CERP project.

Why should the Governing Board approve this item?

Approval of this agreement will allow Miami-Dade County to construct a water control structure and make improvements to five existing culverts that will enhance the hydrology consistent with the objectives of the Biscayne Bay Coastal Wetlands CERP project.

Attachments – Resolution, Map
KGA/mcm