

MEMORANDUM

TO: Governing Board Members

FROM: George L. Horne, Deputy Executive Director, Operations and Maintenance

DATE: December 8, 2009

SUBJECT: 4600001981 - S-60 Gate Operator Replacement and Concrete Repairs

Background

The S-60 structure is located in Osceola County in the City of St. Cloud. The structure is located at the south end of Alligator Lake. It is a gravity discharge structure used to maintain water elevations in the lake. It is manually operated by the St. Cloud Field Station.

Routine inspections have recommended structure repairs to maintain its integrity. Repairs include replacement of the structure's gate operator, deteriorated concrete walls, slab, and steel sheet wing walls.

How this helps meet the District's 10-year Strategic Plan:

The S-60 Gate Hoist replacement and Concrete Repairs Project is included in the FY 2010 Annual Work Plan and 10-year Strategic Plan. This project is consistent with the District's Operations and Maintenance program strategic goal to "Refurbish infrastructure to design conditions."

Funding Source: The lowest and responsible bidder is ZFI Engineering & Construction; with a total amount of \$673,357.96 using ad valorem funds within the Operations and Maintenance Capital Program.

This Board item impacts what areas of the District, both resource areas and geography:

The S-60 Structure is located in Osceola County in the City of St. Cloud. The structure is located at the south end of Alligator Lake. It is a gravity discharge structure used to maintain water elevations in the lake.

The Everglades Restoration and Capital Projects Department will oversee the project, funded by Operations and Maintenance. The St. Cloud Field Station operates the structure.

What concerns could this Board item raise?

Without implementing the repairs, the structure could fail and adversely impact the regulation schedule of the Alligator Lake.

Why should the Governing Board approve this item?

Board approval is required in this December meeting to enable work completion during the dry season. Without the proposed repairs, the structure will continue to deteriorate and will eventually require more expensive emergency replacement/repairs. This replacement and repair is consistent with the Strategic plan and was included in the FY 10 budget.

GLH/ag