

MEMORANDUM

TO: Governing Board Members

FROM: Tommy B. Strowd, Director, Operations, Maintenance & Construction Division

DATE: September 8, 2011

SUBJECT: Contract No.: 4600002514; S-193 Navigational Lock Refurbishment

Background:

S-193 is a navigation lock is located along the L-D4 levee at the southern most point of Taylor Creek approximately 0.21 miles south of U.S. Highway No. 98 in Okeechobee County.

Routine inspections have identified deficiencies that could result in the failure of this structure. These include damaged concrete throughout the structure, worn gate, operating, and electrical systems.

The objective is to refurbish the navigational lock to prevent structural/mechanical/electrical failure in the future.

The Operations, Maintenance and Construction Division will fund the project through the Capital Program and will oversee the Construction.

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

The S-193 Navigational Lock Refurbishment Project is included in the FY 2012 Annual Work Plan and 10-year Strategic Plan. This Project helps the Operation and Maintenance Program strategic goal to "Refurbish infrastructure to design conditions".

Funding Source: The lowest responsive and responsible bidder is Worth Contracting, Inc., with a total amount of \$4,792,811.00 using ad valorem funds within the Operations, Maintenance and Construction Capital Program subject to Governing Board approval of the FY12 budget.

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

S-193 is a navigation lock is located along the L-D4 levee at the southern most point of Taylor Creek approximately 0.21 miles south of U.S. Highway No. 98 in Okeechobee County.

The Operations, Maintenance and Construction Division will fund the project through the Capital Program and will oversee the Construction.

What concerns could this Board item raise?

Without implementing the lock refurbishment, the Structure could fail and adversely impact the navigable waterway at S-193 and Taylor Creek.

Why should the Governing Board approve this item?

Board approval is required at the September Governing Board meeting. By not implementing the proposed lock refurbishment, the Structure will continue to deteriorate. If continued, the navigational lock would eventually be inoperable and require more expensive emergency repairs/replacement or lead to uncontrolled gates operations on Lake Okeechobee, hindering navigation. The proposed lock refurbishment is consistent with the Strategic Plan and was included in the FY 2012 budget.

If you have any questions, please do not hesitate to call me at extension 6998.

TBS/AG