

EXECUTIVE SUMMARY

Recommendation to authorize structural pilings inspection and bridge repairs to the Clam Pass Draw Bridge and approve a budget of \$72,500 to complete this work.

OBJECTIVE: To inspect the structural pilings and repair the Clam Pass Draw Bridge.

CONSIDERATIONS: Annual inspection of the Clam Pass Draw Bridge has identified additional structural inspections and maintenance activities that need to be performed. Authorization of this item will allow staff to proceed with the inspection and repairs listed below. Work will be accomplished by utilizing a combination of Collier County maintenance staff and approved general contractors currently under contract with the County. Details are attached as backup.

Description of work	Estimated Budget
Engineering & Permitting Mechanical Lift	\$ 5,000.00
Bridge Repairs (Braces, Blocks & Anchor Clips)	\$25,000.00
Perform Submerged Piling Inspection with Structural Engineer	\$15,000.00
Un-torque Bridge Lift Span	\$ 7,500.00
Replace Electrical Lift Mechanism with Mechanical lift Unit	\$10,000.00
Replace Gates/Hardware and Apply Seal Coat Protection	\$10,000.00
TOTAL	\$72,500.00

This item does not include any piling repairs that may result from the submerged piling inspection. The project management of this project will be expedited through the combined services of the facility management department and the coastal zone management department.

FISCAL IMPACT: Funding for this project will be from Tourist Development Tax; Fund 183- Beach Park Facilities. No additional carrying costs, operating or additional maintenance costs are expected with approval of this work. Using today's dollars, the total cost to replace this asset is in excess of \$1M. This is a maintenance project and as such, subject to 100% annual depreciation.

GROWTH MANAGEMENT IMPACT: There is no impact to the Growth Management Plan related to this action.

ADVISORY COMMITTEE RECOMMENDATIONS: This item will go to the Parks & Recreation Advisory Board (PARAB) on February 15, 2012 and to the TDC on February 27, 2012 for approval.

LEGAL CONSIDERATIONS: This item has been reviewed by the County Attorney's Office, requires majority vote, and is legally sufficient for Board action. –

RECOMMENDATION: To authorize structural pilings inspection and bridge repairs to the Clam Pass Draw Bridge and approve a budget of \$72,500 to complete this work.

PREPARED BY: J. Gary McAlpin, P.E., Director, Coastal Zone Management Department