

Appropriation and Increase in Estimated Revenues – Public Improvement Fund

The City of Lakeland has been awarded \$79,827 in grant funding from the U.S. Department of the Interior, National Park Service, Emergency Supplemental Historic Preservation Fund for a geotechnical study of the Lake Mirror Promenade. The purpose of the grant is to support recovery and related expenses for historic and cultural resources in areas impacted by natural disasters that have received a major disaster declaration. Completion of the geotechnical study is an important first step in the process of developing a restoration and ongoing maintenance plan for the Promenade.

During visual inspection of the general condition of the Lake Mirror Promenade and Loggia, several issues were observed. Portions of the overall structure contains cracks and obvious deterioration, including rebar impacts, brick paver walkway tilt, and water intrusion. The Loggia has developed leaks during rain events, and visible stains have been observed. It was, also, noted that the Promenade was effectively underwater following Hurricane Milton.

This project includes three phases. Phase I includes a site reconnaissance survey and research to document general conditions. Phase II consists of a full ground penetrating radar scan of the Promenade floor, upper sidewalks, portions of the loggia roofline, and structure walls as well as a Concrete Imaging GPR scan to evaluate the upper walls inside the loggia where water has been intruding. Phase III will focus on conducting physical soil sampling and testing in preparation of the final geotechnical report.

The estimated cost of the geotechnical study is \$79,827. Since the grant requires no match, the City will be reimbursed by the National Park Service for the entire amount upon project completion. The estimated timeline for the project is 120 days.

It is recommended that the City Commission authorize an appropriation and increase in estimated revenues of \$79,827 from the Public Improvement Fund for the Lake Mirror Promenade Geotechnical Study.