

Current Status – March 30, 2010

Design of the boat navigation lock is now 60 percent complete, following the earlier completion of data collection and planning services. The data collection included surveying and geotechnical sampling and testing services, and the planning efforts included meeting with federal and state agencies, evaluating alternative locations, selecting the preferred site, and developing the design concept report, which presented the initial plans for the project. Following delivery of the concept report to the City in October, 2009, the engineering firm began the actual design and preparation of construction plans and specifications. Engineering design of major projects is typically done in definable stages so that quality control reviews may be done periodically through the process. A common break-out of design stages includes 60, 90, and 100 percent design reviews and delivery of the final, approved documents ready for bidding.

For protection of the environment and assurance of compliance with City, County, and State regulations, there is a parallel activity ongoing that consists of applying for and obtaining the various permits required for the Project. On this project, the required permits include, at a minimum, the following:

1. Corps of Engineers Section 404 Permit – Environmental Protection
2. Corps of Engineers Section 10 Permit – Alteration of a Navigable Water Body
3. Corps of Engineers Section 408 Permit – Modification of a Federal Project
4. South Florida Water Management District Water Use Permit
5. Florida Department of Environmental Protection – Environmental Resource Permit/Authorization to use Sovereign Submerged Lands
6. Palm Beach County Building Permit

At present, the permit applications for the Section 404 and Section 10 permits for the Corps of Engineers is approximately 75 percent complete. The permit application for the Florida Department of Environmental Protection is also approximately 75 percent complete. Work has not begun on the SFWMD water use permit at this time, but it should be noted that the SFWMD has stated its support for the project and has offered, at one point, to act as the Local Sponsor if the project were to become the responsibility of the Corps of Engineers.

While most of the data and information required for the Section 408 permit is in hand, the permit application preparation has not been initiated. This item is not within the current scope of work, but can be developed as additional data and information is developed. Significant portions of the additional information required must come from the Corps of Engineers, and that information has not been received.

A Palm Beach County Building Permit will be sought only after the project has been approved by the Corps of Engineers and the State of Florida.

Related efforts accomplished to date include preparation of an Environmental Assessment, a wetlands survey, and a site investigation for possible archaeological or

historical resources. Another effort to maintain local recreational facilities involved working with the manager of the local golf course to align the boating channel in a manner that will allow the full 9 holes of the course to be used, but with modifications to three holes. This effort also included design of ramps and walkways that will allow foot and golf cart traffic to cross the lock when the lake side gates are closed.

Work is continuing toward completing the next stage of the work, which is the 100 percent design, also known as the final design.