

Tamiami Canal (C-4) Flood Protection Project

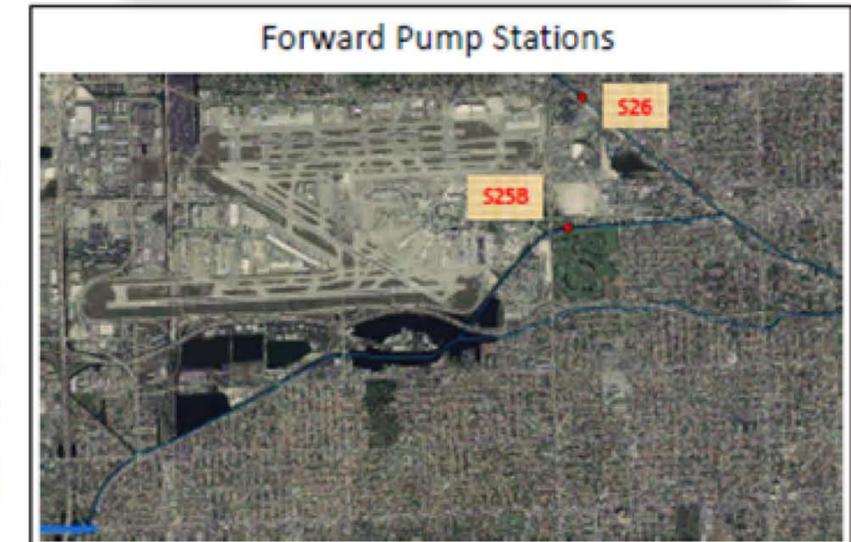
CANAL BANK IMPROVEMENTS TO MAXIMIZE FLOOD PROTECTION IN SWEETWATER

WHY:

The **Tamiami Canal (C-4) Flood Protection Project** was launched in response to local flooding from Hurricane Irene in 1999 and the “No Name Storm” in 2000. It is a multi-phase project that includes the completed 900-acre Emergency Detention basin in West Miami-Dade County, the Sweetwater Linear Park Flood Protection Improvements, the S-25B Forward Pump Station, the S-26 Pump Station and a dredging project adjacent to Florida’s Turnpike. **The overall project provides improved flood protection to approximately 500,000 residents and 5,000 homes and businesses.** The project will ensure water can be moved through the canal to maximize flood protection in Sweetwater.

WHERE:

The South Florida Water Management District continues phased construction of flood protection walls and earthen berms along the Tamiami Canal (C-4) in sections of unincorporated Miami-Dade County and the City of Sweetwater. The SFWMD constructed a Quick Start Floodwall between SW 92nd Avenue and SW 94th Avenue, Linear Park Floodwall between Florida’s Turnpike and 107th Avenue and Belen Phase Floodwall between Florida’s Turnpike and 122nd Avenue. **The next section to be constructed, Sweetwater, will be an earthen berm between 107th Avenue and 97th Avenue.** The walls and berms are components of the **Tamiami Canal (C-4) Flood Protection Project**. The project will ensure water can be moved through the canal to maximize flood protection.

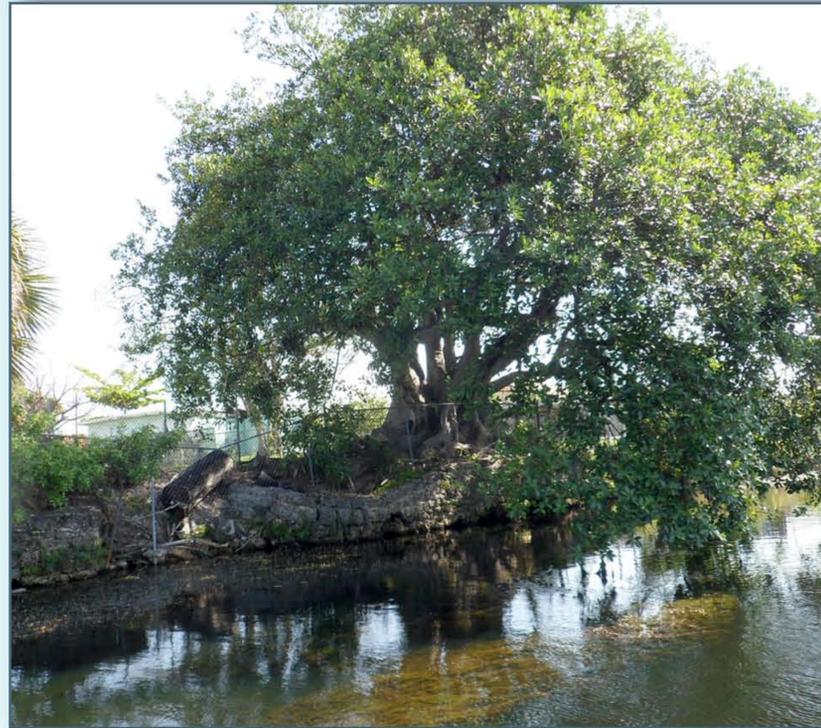


CANAL BANK CONSTRUCTION PHASES:

- Palmetto – Palmetto Expressway to SW 92nd Ave. & SW 94th Ave. to SW 97th Ave.
- Quick Start – SW 92nd Ave. to SW 94th Ave.
- Sweetwater – SW 97th Ave. to SW 107th Ave.
- Linear Park – SW 107th Ave. to Florida Turnpike
- Belen Phase I – Florida Turnpike to SW 122nd Ave.
- Belen Phase II – SW 122nd Ave. to SW 130th Ave.

Tamiami Canal (C-4) Flood Protection Project

CANAL BANK IMPROVEMENTS: ENCROACHMENTS AND DESIGN CHALLENGES



▲ TREES AND VEGETATION PLANTED IN CANAL RIGHT-OF-WAY:

Planting vegetation or trees along the canal's right-of-way may cause portions of the bank to fall into the canal, limiting water flow and creating the potential for flooding in Sweetwater during major storms. Trees also block the possibility of long-term canal maintenance activities.



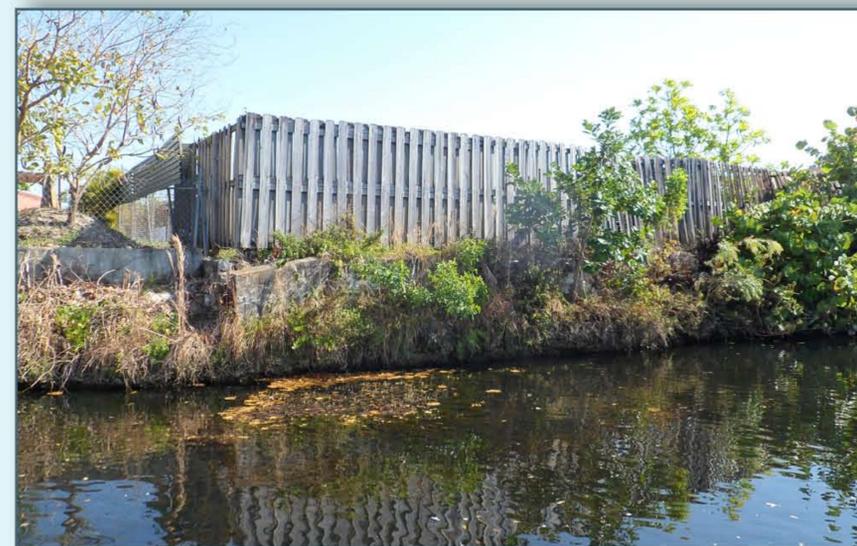
▲ STRUCTURES:

A structure means any structure that is affixed to a slab or foundation in the ground. Examples include, but are not limited to, fences, buildings, sheds on concrete pads, patios, pools, screen enclosures, barns, satellite dishes, antennas, towers and stand alone garages.



▲ DOCKS/BANK EROSION:

The placement of encroachments such as decks or docks have caused the bank slope to erode or become detached and fall into the canal.



◀ FENCES:

Construction of the Tamiami Canal (C-4) flood protection walls and earthen berms will consist of site preparation, construction and ongoing maintenance. The SFWMD will use a portion of its canal right-of-way for this work, **which will require clearing of all encroachments**. These include structures, trees and fences within 20 feet of the top of the canal bank. This area is needed to ensure adequate space to safely construct and maintain the flood protection berm.