

FACT SHEET  
**CENTRAL AND SOUTHERN FLORIDA**  
**West Palm Beach Canal (C51)**

Construction General (C)

Congressional Districts: 17, 18, 20, 21, 22, 23, 25, 26, 27

**1. DESCRIPTION**

The West Palm Beach Canal (C-51)/Stormwater Treatment Area (STA) 1 East project was authorized under the Flood Control Acts of 1948, 1954, 1962, 1968, and the Water Resources Development Act (WRDA) of 1996. The project is located in Palm Beach County and runs east/west from West Palm Beach at Lake Worth to Water Conservation Area (WCA) No. 1 (Loxahatchee National Wildlife Refuge). The authorized project will provide 30-year flood protection to the urbanized eastern basin and 10-year flood protection to the western basin. All eastern basin features have been completed. During mediation of the Everglades water quality litigation, a technical plan was developed for resolution of the litigation. The technical plan included a substantially modified C-51 project. The modified plan expands the original 1,600-acre floodwater detention area into a 6,500-acre stormwater detention area. In addition to the flood damage reduction benefits provided by the original project, the modified plan provides water quality treatment, reduction of damaging freshwater discharges to Lake Worth, and increased water supply for the Everglades and other users.

**2. FUNDING**

Estimated Total Cost	\$369,790,000
Estimated Federal Cost	339,498,000
Allocation thru FY15	290,075,000
Carry In to FY16	0
Allocation for FY16	1,000,000
President's Budget FY17	1,000,000

**3. SPONSOR**

South Florida Water Management District  
3301 Gun Club Road  
West Palm Beach, Florida 33406

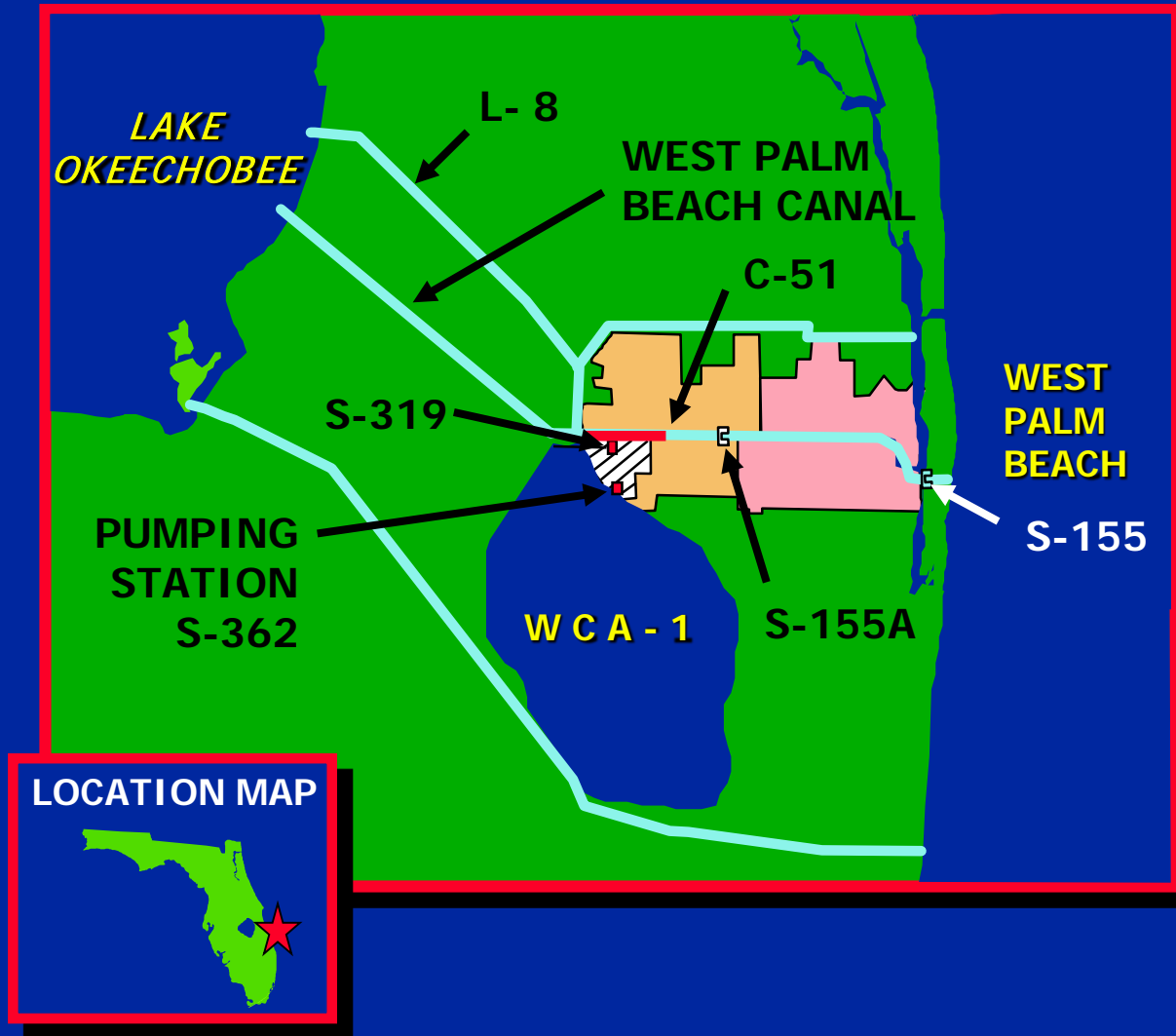
#### **4. STATUS**

Construction of the West Palm Beach Canal Stormwater Treatment Area - 1 East (STA-1E) complex was authorized by Congress in 1996. Construction of STA-1E was started in 2000. Construction was completed in 2005. The complex was transferred (with the exception of the Periphyton Stormwater Treatment Area [PSTA] portion of the complex; PSTA testing was completed in 2011), to the Non-Federal Sponsor (NFS), South Florida Water Management District (SFWMD) in October 2005.

After transfer of the project features to the SFWMD, repairs to the culverts and trash rakes were determined to be needed. The USACE awarded two contracts for the renovation of culverts S-375 and S-365A/B. In addition, a multiple award task order contract (MATOC) was awarded for the remaining 41 culverts; 8 task orders were awarded to perform repairs on the culverts. In addition, two contracts were awarded to repair the trash rake at S-319 and for the repairs to the culvert gates.

Culvert repair task orders 1 through 7 are complete, and work is underway on task order 8; culvert renovation work is scheduled to be complete in 2016. Work on the S-319 trash rake system was completed in December 2015. A contract was awarded in September 2015 for the gate repairs and is scheduled to be completed in 2017.

# CENTRAL AND SOUTHERN FLORIDA PROJECT



**WEST PALM BEACH CANAL (C-51) / STA 1E**